Safety

Oversee and operate the safest aerospace system in the world, all with a culture of continuous improvement

Safety Culture Commitment

Reinforce and promote “Safety Culture” across FAA and industry that integrates all aspects of Safety Culture (i.e., Just Culture, Reporting Culture, Learning Culture, Flexible Culture, and Informed Culture) to improve safety performance throughout the NAS. Safety culture commitment promotes safety policy, manages resources and invests in safety training, safety systems, and safety solutions; documents processes and procedures, and ensures accountability for safety.

23Sp2 - Priority Initiative: Regulatory Activities

Owner: Brandon Roberts

Description: The FAA provides rule information on published regulatory documents.

23Sp2A - Priority Activity: Engage in strategic rulemaking activities that enhance aviation safety.

Owner: Brandon Roberts

Description: The Rulemaking Management Council (Council), led by the Office of Rulemaking ensures an effective and efficient set of priorities, and allocates resources for rulemaking projects. The Council manages the FAA's rulemaking program, approves rulemaking projects (including schedules and resource allocations), determines rulemaking priorities, and makes decisions to resolve issues.

23Sp2A1 - Priority Target: Powered-lift Operations Notice of proposed rulemaking (NPRM)

Owner: Michelle Ferritto

Description: FAA will transmit the Integration of Powered-Lift: Pilot Certification and Operations NPRM (RIN 2120-AL72) to the Department.

Due Date: 01/12/23

23Sp2A2 - Priority Target: Medical Certification Standards for Commercial Balloon Operations Final rule

Owner: Michelle Ferritto

Description: FAA will issue, if designated nonsignificant under Executive Order 12866, or transmit to the Department, if designated significant under Executive Order 12866, the Medical Certification Standards for Commercial Balloon Operations Final Rule (RIN 2120-AL51).

Due Date: 12/05/22

23Sp2A4 - Priority Target: Safety Management Systems (SMS) Rulemaking Final Decision Document

Owner: Kimberly Pyle

Description: The SMS Rulemaking Team submits the Final Decision Document for approval (with agreement from all impacted LOB/SOs) to the Rulemaking Management Council for the Safety Management System (SMS) for Parts 21, 91, 135, and 145 rulemaking project (RIN 2120-AL60) within 90 days of the close of the comment period.

Core Coordinated: Agreed

Due Date: 09/29/23

23Sp.1 - Internal Initiative: Final Safety Management System (SMS) Rule at Part 139 Airports

Owner: John Dermody

Description: Increase safety by finalizing a communication and training plan by the publication date of the Final Airports SMS Rule.

23Sp.1A - Internal Activity: Develop Implementation Plan for External SMS

Owner: Birkely Rhodes

Description: Finalize communication and training plan for Airports External Part 139 SMS rule 30-days prior to effective date of rule.

23Sp.1A1 - Internal Target: Finalize communication Plan External SMS

Owner: Birkely Rhodes

Description: Internal and External communications plan on external Part 139 SMS will be finalized in advance of Federal Register publishing a Final Rule.

Due Date: 09/01/23

23Sp.1A2 - Internal Target: Finalize training template for External SMS

Owner: Birkely Rhodes

Description: Training plan for ARP employees on external Part 139 SMS will be finalized in advance of Federal Register publishing a Final Rule.

Due Date: 09/01/23

23Sp.1A3 - Internal Target: Tracking of External SMS Implementation

Owner: Birkely Rhodes

Description: Upon the publication of the Final External Part 139 SMS Rule, a national tracking module will be established in CCMIS to track required airports implementation and SMS plans.

Due Date: 09/01/23

23Sp.1A4 - Internal Target: External SMS Best Practices

Owner: John Dermody

Description: Upon the effective date of the rule, AAS will have established a SMS implementation Working Group consisting of FAA and Industry to address issues, concerns, and share best practices during the implementation period.

Due Date: 09/30/23

23Sp.1A5 - Internal Target: Training for External SMS

Owner: John Dermody

Description: Within 60-days after the effective date of the Airports SMS rule, AAS-300 will conduct regional Part 139 training to internal ACSI workforce.

Due Date: 09/30/23

23Sp.1A6 - Internal Target: Training for External SMS

Owner: John Dermody

Description: Within 45-days after publication of the Airports SMS rule, AAS-300 will conduct an external Industry Day Outreach to stakeholders.

Due Date: 09/30/23

23Sp.2 - Internal Initiative: Surface Safety Risk Reduction and Runway Incursion Mitigation (RIM)

Owner: John Dermody

Description: Increase surface safety by implementing solutions through the Runway Incursion Mitigation program.

23Sp.2A - Internal Activity: Implement RIM Program

Owner: Michael Meyers

Description: Identify, prioritize and mitigate airport locations with a history of runway incursions and report on the effectiveness of the Runway Incursion Mitigation (RIM) program.

23Sp.2A1 - Internal Target: FY24-28 RIM mitigation projects schedule

Owner: Steven Debban

Description: ADOs and Regions will provide their respective Regional Director with an interim progress report on planned mitigation projects at RIM locations, with a copy provided to the national RIM program manager.

Due Date: 03/31/23

23Sp.2A2 - Internal Target: FY24-28 RIM Mitigation Projects Schedule

Owner: Steven Debban

Description: Each region shall work with the Airport Sponsors to ensure that the planned RIM mitigation projects are incorporated into their FY24-28 Airport Capital Improvement Plans (ACIPs).

Due Date: 08/31/23

23Sp.2A3 - Internal Target: RIM Projects Report

Owner: Steven Debban

Description: The ARP RIM Program National Manager will provide annual draft mitigation report to Airport Safety and Standards management, summarizing mitigation efforts in FY23.

Due Date: 09/30/23

23Sp.2A4 - Internal Target: RIM Summary Report

Owner: Steven Debban

Description: ARP RIM National Program Manager will prepare an updated RIM program summary report containing mitigation history and effectiveness metrics, for distribution to all ARP employees.

Due Date: 09/30/23

23Sp.2A5 - Internal Target: RIM Projects

Owner: Steven Debban

Description: Regions collectively complete 10 mitigation projects at RIM locations.

Due Date: 09/30/23

23Sp.2B - Internal Activity: Implement "Hot-Spot Improvement Program" (HIP)

Owner: Michael Meyers

Description: Approach to enhancing identification, prioritization, mitigation, and prevention of Hot Spots nationally.

23Sp.2B1 - Internal Target: Non-RIM Hot-Spot Interim Progress Report

Owner: Steven Debban

Description: Regions provide a mitigation status update for the non-RIM Hot Spots from the top 25% of the FY20 Business Plan priority locations

Due Date: 09/30/23

23Sp.2B2 - Internal Target: Non-RIM Hot-Spot Inventory

Owner: Steven Debban

Description: Regions to work with airport sponsors to include the next 25% of the non-RIM hot-spot locations in the inventory, and propose mitigations where feasible.

Due Date: 09/30/23

23Sp.2C - Internal Activity: Standard Taxiway Nomenclature

Owner: John Dermody

Description: ARP Regions inventory of taxiway nomenclature for consistency with Section 1.4, Developing Taxiway Designations, of Advisory Circular 150/5340-18G.

23Sp.2C1 - Internal Target: Standard Taxiway Nomenclature

Owner: Alberto Cruz

Description: AAS-100 to develop and provide a database/tracking tool to inventory Part 139 Airports for consistency with Section 1.4, Developing Taxiway Designations, of Advisory Circular 150/5340-18G.

Due Date: 01/15/23

23Sp.2C2 - Internal Target: Standard Taxiway Nomenclature

Owner: Alberto Cruz

Description: ARP Regions to inventory all Part 139 Hub Airports for consistency with Section 1.4, Developing Taxiway Designations, of Advisory Circular 150/5340-18G.

Due Date: 09/30/23

23Sp.3 - Internal Initiative: Part 139 Program Oversight

Owner: John Dermody

Description: Increase safety at the Certificated Airports by providing national guidance and enhancing oversight over the Part 139 program.

23Sp.3A - Internal Activity: Provide national guidance and oversight enhancement of Part 139 inspection program

Owner: Anthony Butters

Description: Improve standardization and consistency of 14 CFR Part 139 compliance methodologies across regions.

23Sp.3A1 - Internal Target: Airport Certification Safety Data Assessment

Owner: Anthony Butters

Description: AAS-300 to review CCMIS inspection data from FY22 to identify the top area (s) of regulatory application/compliance for emphasis during follow-on inspections.

Due Date: 12/31/22

23Sp.3A2 - Internal Target: Airport Certification Safety Data Assessment

Owner: Anthony Butters

Description: AAS-300 will identify inspection areas of emphasis for regional implementation in FY23 based on FY22 inspection data.

Due Date: 02/15/23

23Sp.3B - Internal Activity: Conduct regional audits of the Part 139 inspection program

Owner: Anthony Butters

Description: Conduct two individual audits of selected regional Part 139 inspection programs.

23Sp.3B1 - Internal Target: Regional audits of Part 139 inspection program

Owner: Anthony Butters

Description: Airport Safety & Operations, AAS-300, identifies regions slotted for audits.

Due Date: 12/31/22

23Sp.3B2 - Internal Target: Conduct Regional Audits of the Part 139 Inspection Program

Owner: Anthony Butters

Description: AAS-300 will identify and conduct full-scale, in-person evaluations of the Airport Certification Program at two regions in FY23 and produce a report documenting discoveries. If unable to conduct in-person evaluations due to Covid restrictions, AAS-300 will conduct virtual audits without the "over-the-shoulder" inspection.

Due Date: 09/30/23

23Sp.3C - Internal Activity: Cross-train ACSI cadre to promote standardization

Owner: Anthony Butters

Description: Promote Part 139 inspection standardization by cross-training ACSI cadre.

23Sp.3C1 - Internal Target: Cross-training Funding and Resource Identification

Owner: Anthony Butters

Description: AAS-300 notifies regions of cross training opportunities to solicit and identify volunteers. Regional management will approve participants from their region.

Due Date: 12/31/22

23Sp.3C2 - Internal Target: Cross training opportunities

Owner: Anthony Butters

Description: AAS-300 will coordinate the cross training effort with consideration of travel restrictions and participants.

Due Date: 02/15/23

23Sp.4 - Internal Initiative: Update to FAA Order 7110.116, Standardized Taxi Routes

Owner: Richard Parks

Description: At a recent FAA Surface Safety Symposium – a forum where aviation industry safety experts and FAA safety managers can engage in critical conversations about surface safety – a desire was expressed that standardized taxi routes would be more broadly adopted across the National Airspace System (NAS).

23Sp.4A - Internal Activity: Update to FAA Order 7110.116, Standardized Taxi Routes

Owner: Natking Estevez

Description: The Policy Directorate will work collaboratively with the ATO Safety and Technical Training (AJI) Runway Safety Group to update FAA Order 7110.116 Standardized Taxi Routes. Develop and submit for coordination updates to Order 7110.116 Standardized Taxi Routes (STR) and Order 7210.61 Publication of Standardized Taxi Routes. The current FAA order for the development of standardized taxi routes is woefully outdated. Most of the organizations listed in the order no longer exist, making it very difficult to determine where the functional responsibilities for submitting and approving standardized taxi routes reside.

23Sp.4A1 - Internal Target: Collaborate with AJI to identify stakeholders that have a functional role in approving standardized taxi routes

Owner: Natking Estevez

Description: AJV-P will coordinate with the AJI Runway Safety Group to identify the stakeholders that have a functional role in approving standardized taxi routes.

Due Date: 11/30/22

23Sp.4A2 - Internal Target: Provide draft updates to FAA Order 7110.116 and FAA Order 7210.61. AJV-P will evaluate the feasibility of combining these two orders into one

Owner: Natking Estevez

Description: AJV-P will coordinate with the identified stakeholders to ensure we receive the information we need to begin drafting and updating FAA Order 7110.116 and Order 7210.61.

Due Date: 01/31/23

23Sp.4A3 - Internal Target: Update the FAA Order 7110.116 and FAA Order 7210.61 to reflect the appropriate stakeholders and their respective functional responsibilities

Owner: Natking Estevez

Description: AJV-P will update the orders to reflect the appropriate stakeholders and their respective functional responsibilities for approving standardized taxi routes.

Due Date: 03/31/23

23Sp.4A4 - Internal Target: Collaborate with AJI Runway Safety Group to provide input on the revised FAA Order 7110.116 and FAA Order 7210.61 to ensure safety concerns are addressed

Owner: Natking Estevez

Description: AJV-P will collaborate with AJI Runway Safety Group to provide input on the revised order to ensure safety concerns are addressed.

Due Date: 05/31/23

23Sp.4A5 - Internal Target: Coordinate the FAA Order 7110.116 and FAA Order 7210.61 with all impacted organizations and publish both orders

Owner: Natking Estevez

Description: AJV-P will coordinate the initial and final orders with all impacted organizations, and submit the orders for publication.

Due Date: 09/30/23

23Sp.7 - Internal Initiative: Promote Positive Safety Culture

Owner: Gregory Burke

Description: Promote a positive safety culture that involves proactively addressing safety issues early in the development phase to alleviate the advent of critical safety hazards during National Airspace System (NAS) implementation.

23Sp.7A - Internal Activity: Perform NextGen Safety Culture Outreach

Owner: John Chung

Description: Perform outreach to bring awareness to Nextgen (ANG) employees regarding safety culture and strategize phased approach for implementing organizational initiatives for establishing positive culture.

23Sp.7A1 - Internal Target: Develop Multi-Year NextGen Safety Culture Strategy

Owner: Young Lee

Description: This effort will be coordinated with Nextgen (ANG) safety focals for making sure the multi-year plan will align with each directorate's goals and missions. External stakeholders from other Line of Business (LOBs) will also be consulted for lessons learned. There will be periodic briefing to the executives.

Due Date: 04/30/23

23Sp.7A2 - Internal Target: Develop NextGen Safety Culture Promotional Video

Owner: Young Lee

Description: We will work with the Nextgen (ANG) leadership and Nextgen (ANG) safety focals for first defining what the safety culture means for the NextGen. Then, we will work with Nextgen Collaboration and Messaging Office, ANG-M, for developing/producing the video. Other Line of Business (LOBs) will be consulted for lessons learned.

Due Date: 08/31/23

23Sp.7A3 - Internal Target: Hold a Safety Culture Stakeholder Review

Owner: Young Lee

Description: After we have finalized the multi-year plan and promotional video, we will hold a stakeholder review event for officially presenting NextGen (ANG)'s vision on Safety Culture.

Due Date: 09/30/23

23Sp.7B - Internal Activity: New Entrant Focused Research and Development

Owner: Nick Lento

Description: Conduct ongoing research and development efforts to support the safe and efficient integration of Unmanned Aircraft System (UAS) into the National Airspace System (NAS).

Core Coordinated: Agreed

23Sp.7B1 - Internal Target: Report from Live Engine Ingestion Test Event

Owner: Nick Lento

Description: Collect report on Live Engine Test Event produced by the Naval Air Warfare Center (NAWC) following the upcoming test conducted at China Lake. Report collection will result in agency SME and peer reviews.

Due Date: 07/28/23

23Sp.7B2 - Internal Target: Complete xTM Concept Analysis

Owner: Nick Lento

Description: Analyze the commonalities and unique characteristics associated with individual xTM concepts, operational threads, and their associated services. The traffic management concepts included in this analysis are UTM, ETM, and UAM. The analysis will consider impacts/implications on air traffic-managed operations. It will also start to consider interactions with the PBFM concept and align with the Global Air Traffic Management Operational Concept (GATMOC)

Due Date: 12/30/22

23Sp.7B3 - Internal Target: Collect draft of final report on Evaluation of UAM Market Potential

Owner: Nick Lento

Description: Demand Feasibly, Potential Size and Growth, Characteristics of Population, and Ground Infrastructure produced by MSU, NCSU, ERAU and WSU for agency review. This report estimates the demand and growth potential of Urban Air Mobility (UAM) from 2022-2045

Due Date: 01/01/23

23Sp.7B4 - Internal Target: sUAS detection and mitigation testing

Owner: Nick Lento

Description: ANG-E26 is currently conducting sUAS detection and mitigation testing of at least 10 technologies at Atlantic City International Airport in support of Section 383. Once the systems pass at Atlantic City, they will graduate to one of the additional airports outlined in Section 383 (Syracuse International Airport, Rickenbacker International Airport, Huntsville International Airport, and Seattle-Tacoma International Airport). The initial UAS Mitigation Testing Report will document the mitigation strategies and results from testing at Atlantic City International Airport and at one of the other four airports.

Due Date: 03/31/23

23Sp.7B5 - Internal Target: Report with simulation results and analysis

Owner: Nick Lento

Description: This research will complement other collision severity research and produce a complete risk assessment of sUAS Mid-Air Collision (MAC) with manned aircraft. Because collision severity depends on where the collision occurred on a manned aircraft, this likelihood research will provide insight not only on overall MAC probabilities but also the MAC probabilities with different parts of manned aircraft.

Due Date: 03/31/23

23Sp.7B6 - Internal Target: FAA Air to Ground Radio Path Latency Test Development and Formal Test

Owner: Nick Lento

Description: FAA Air to Ground Radio Path Latency Test Development and Formal Test

Due Date: 04/15/23

23Sp.7B7 - Internal Target: Develop the framework for future xTM operations

Owner: Nick Lento

Description: Develop the framework for future xTM operations in terms of conceptual principles and assumptions, lexicons, operations, cooperative operating practices (COPs), supporting services, information flows and exchanges, FAA, xTM service suppliers, and operator roles and responsibilities. This document will: 1) ensure consistent messaging of a coordinated FAA view of xTM; 2) provide input to the efforts of the individual traffic management initiatives (UTM, ETM, UAM); 3) align with PBFM and GATMOC concepts, and 4) support future research and activities as envisioned in the Info-Centric NAS program objectives.

Due Date: 05/26/23

23Sp.7B8 - Internal Target: Flight test at Cape May County Airport (WWD)

Owner: Nick Lento

Description: ANG-E26 is conducting flight test at Cape May County Airport (WWD) to ensure efficient, safe, and repeatable sUAS flights for FOD detection and real-time, or near real time analysis before large scale simulations and validation testing. Initial testing will determine whether sUAS based FOD sensors meet all, some, or none of the requirements in AC 150/5220-24, “Airport Foreign Object Debris (FOD) Detection Equipment.” The results of this testing will be documented and delivered as the Test and Evaluation Report for FOD detection.

Due Date: 06/30/23

23Sp.7B9 - Internal Target: Michigan Institute of Technology Lincoln Lab

Owner: Nick Lento

Description: Will develop models documenting the viability of an omni directional antenna as a Low Cost, Size, Weight and Power (LOW CSWAP) surveillance sensor in conducting active surveillance (instead of a 4 sector TCAS antenna) to validate ADS-B for Detect and Avoid (DAA) on smaller UAS (55lbs and up). Research results to be shared with RTCA community to support MOPS development.

Due Date: 06/30/23

23Sp.7B10 - Internal Target: Collect draft report on lessons learned through mock event demonstration exercises

Owner: Nick Lento

Description: The mock event demonstration exercises include seminars, workshop/tabletop, drills and full-blown exercises. Type of event is determined based on the disaster type as follows: Seminar: Planned for all the disasters Workshop/Tabletop Exercise: Hurricane/Flood/Tornado, Oil Spill, Wildfire: Prescribed Burn, Earthquake/Tsunami, Volcanic Eruption, Train Derailment Drill: Earthquake/Tsunami, Airport Terrorism Functional Exercise: Wildfire: Prescribed Burn, Hurricane/Flood/Tornado, Train Derailment, Medical Deliveries (Pandemic: Between Rural communities and Pandemic: Major Hub to Rural Community).

Due Date: 07/03/23

23Sp.8 - Internal Initiative: Risk-Based Management

Owner: Matthew Fiscus

Description: Perform activities to evolve the ATO's risk based safety management system.

23Sp.8A - Internal Activity: Expand knowledge of Voluntary Safety Reporting Programs (VSRP)

Owner: Carolyn John

Description: Increase safety reporting in VSRP by 5% by expanding safety knowledge of TSAP, ATSAP, ATSAP-X and SAFER FCT programs. This will include participation in new hire training, and briefings in the field, thereby improving the understanding of the programs purpose and use.

23Sp.8A1 - Internal Target: Expand T-SAP Knowledge

Owner: Mike Diaz

Description: Focus on increase of TSAP field personnel program knowledge, benefits and rights to ensure more active participation.

Due Date: 09/30/23

23Sp.8A2 - Internal Target: Preparation for Deployment of T-SAP Executive Support Promotional Material

Owner: Mike Diaz

Description: Prepare for the creation and deployment of TSAP promotional video(s) and materials for NAS Tech Ops eligible personnel, to increase field awareness and show VSRP program support.

Due Date: 09/30/23

23Sp.8A3 - Internal Target: Expand ATSAP, ATSAP-CX and Safer FCT Knowledge

Owner: Michael Silvius

Description: Focus on increasing ATSAP, ATSAP-X, SAFER FCT field personnel program knowledge, benefits and rights to ensure more active participation.

Due Date: 09/30/23

23Sp.8A4 - Internal Target: Preparation for Deployment of ATSAP, ATSAP-X, Safer FCT Executive Support Promotional Material

Owner: Michael Silvius

Description: Prepare for the creation and deployment of ATSAP, ATSAP-X, and SAFERT FCT promotional video(s) and materials for NAS Tech Ops eligible personnel, to increase field awareness and show VSRP program support.

Due Date: 09/30/23

23Sp.8B - Internal Activity: Transform Quality Assurance Analysis

Owner: Matthew Fiscus

Description: Transform Quality Assurance analysis of airborne, surface, and terrain automated safety reports from a compliance-based approach to a risk based approach.

23Sp.8B1 - Internal Target: Expand QA Data Collection

Owner: Matthew Fiscus

Description: Incorporate taxonomy and trend data collection in the validation process.

Due Date: 09/30/23

23Sp.8B2 - Internal Target: Fully Implement BAR and CSBR

Owner: Matthew Fiscus

Description: Fully implement the Enhanced Analysis, BAR, and CSBR processes to include identification of data sources and reporting products.

Due Date: 09/30/23

23Sp.8C - Internal Activity: Evolve Quality Assurance Analysis

Owner: Matthew Fiscus

Description: Evolve Quality Assurance analysis through development of automated safety reports for surface and terrain/obstruction risks to facilitate a risk-based approach.

23Sp.8C1 - Internal Target: Fully Implement BAR and CSBR

Owner: Matthew Fiscus

Description: Fully implement the Enhanced Analysis, BAR, and CSBR processes to include identification of data sources and reporting products.

Due Date: 09/30/23

23Sp.9 - Internal Initiative: Transition from Aqueous Film Forming Foam (AFFF) to Fluorine-Free Foams (FFF)

Owner: John Dermody

Description: Conduct internal training, guidance, and regulatory changes to execute the transition Aqueous Film Forming Foam (AFFF) to Fluorine-Free Foams (FFF)

23Sp.9A - Internal Activity: Transition from Aqueous Film Forming Foam (AFFF) to Fluorine-Free Foams (FFF)

Owner: John Dermody

Description: Upon publication of a new MilSpec by Department of Defense (DoD), AAS to conduct internal training, guidance and regulatory changes to execute the transition from AFFF to FFF

23Sp.9A1 - Internal Target: Execute training, guidance and regulatory changes to transition from AFFF to FFF

Owner: John Dermody

Description: Upon publication of a new MilSpec by Department of Defense (DoD), AAS to publish a CertAlert advising airport operators will be able meet part 139 requirement by complying with the new DoD MILSPEC for fluorine-free foam

Due Date: 01/31/23

23Sp.9A2 - Internal Target: Execute training, guidance and regulatory changes to transition from AFFF to FFF

Owner: John Dermody

Description: Upon publication of a new MilSpec by Department of Defense (DoD), AAS to provide training to ACSIs on new policies regarding fluorine free foam and associated equipment/agent changes

Due Date: 04/30/23

23Sp.9A3 - Internal Target: Execute training, guidance and regulatory changes to transition from AFFF to FFF

Owner: John Dermody

Description: Upon publication of a new MilSpec by Department of Defense (DoD), AAS to publish an updated Advisory Circular, providing the ARFF emergency response standards to all airport operators as determined to be acceptable to the FAA

Due Date: 06/30/23

23Sp.9A4 - Internal Target: Execute training, guidance and regulatory changes to transition from AFFF to FFF

Owner: John Dermody

Description: Upon publication of a new MilSpec by Department of Defense (DoD), in concert with industry, AAS to develop a transition plan to execute the transition from AFFF to FFF

Due Date: 07/31/23

23Sp.10 - Internal Initiative: Juneau Airport Wind System (JAWS) Sustainment

Owner: Steve Kim

Description: JAWS measures and transmits wind information to the Juneau Automated Flight Service Station (AFSS), Alaska Airlines, and the National Weather Service for weather forecasting.

23Sp.10A - Internal Activity: Juneau Airport Wind System (JAWS) Sustainment

Owner: Steve Kim

Description: JAWS provides terrain induced wind and turbulence data that addresses safety of flight and decreases the probability of experiencing unnecessary weather related delays in and out of the Juneau International Airport, Alaska.

23Sp.10A1 - Internal Target: Juneau Airport Wind System (JAWS) Sustainment 1

Owner: Steve Kim

Description: Complete the Preliminary Design Review (PDR) Meeting. (CAM Goal)

Due Date: 12/31/22

23Sp.11 - Internal Initiative: Aviation Safety and Security Awareness

Owner: Tonya Coultas

Description: Assess the current deployment of resources based on measurable impact on risk to aviation security and safety.

23Sp.11A - Internal Activity: Deliver Dangerous Goods Safety Messaging to Keep our Aviation Workers Safe

Owner: Tonya Coultas

Description: Support the U.S. Department of Transportation's (DOT or the Department) Strategic Objective 1.2: Safe Workers - Improve the health, safety, and well-being of transportation workers and first responders.
During FY22, ASH's Office of Hazardous Materials Safety (AXH) began supporting DOT's Safe Public objective by establishing and meeting a performance goal to promote a positive aviation safety culture by educating travelers and air shippers on their responsibilities for proper identification and preparation of dangerous goods cargo. The goal was to increase overall safety messaging by 5% above FY21 levels where AXH provided 152 social media posts, four new website products and 52 virtual or in-person events.

23Sp.11A1 - Internal Target: Promoting Dangerous Goods Safety Messaging to Keep our Aviation Workers Safe

Owner: Tonya Coultas

Description: To better protect transportation workers across the supply chain, the Federal Aviation Administration (FAA) will promote a positive aviation safety culture by educating travelers and air shippers on their responsibilities for proper identification and preparation of dangerous goods cargo with cross-platform PackSafe and SafeCargo safety messaging campaigns for respective target audiences. FAA will maintain the increased levels of messaging from FY22, address seasonal risks throughout the year, and analyze cargo incident data to better target specific areas of concern.

Due Date: 09/30/23

23Sp.13 - Internal Initiative: Improve the Safety Culture for the Office of Airports

Owner: John Dermody

Description: Fostering an effective Safety Culture rooted in employee understanding, expertise, and commitment

23Sp.13A - Internal Activity: Improve the Safety Culture for the Office of Airports

Owner: John Dermody

Description: Conduct training and surveys to foster an effective Safety Culture with employees throughout ARP

23Sp.13A1 - Internal Target: Improve the Safety Culture for the Office of Airports

Owner: John Dermody

Description: Provide facilitated training on Safety Culture Behaviors and safety roles and responsibilities for all non-managerial ARP employees

Due Date: 06/30/23

23Sp.13A2 - Internal Target: Improve the Safety Culture for the Office of Airports

Owner: John Dermody

Description: Conduct safety culture surveys of ARP management and non-management employees and perform an assessment on the results to determine targeted actions and employee engagement for FY-24

Due Date: 09/30/23

23Sp.14 - Internal Initiative: Expand Safety Culture - Safety Culture Campaign across the FAA and Industry

Owner: Kimberly Pyle

Description: Expand the Safety Culture Campaign across FAA and industry that integrates all aspects of Safety Culture (i.e., Just Culture, Reporting Culture, Learning Culture, Flexible Culture, and Informed Culture) to improve safety performance throughout NAS. A Safety Culture Campaign builds an environment where safety data and information are shared to ensure the organization understands its strengths and challenges, and empowers its members to proactively address emerging risks.

23Sp.14A - Internal Activity: Safety Culture - Collaborate and Learn

Owner: Gregory Pray

Description: Establish the organizational infrastructure across the agency to support an Enterprise Safety Culture program. Provide a forum to connect, coordinate, and collaborate on Safety Culture activities currently happening in isolation across the agency, and integrate best practices from other agencies, international organizations, industry, and academia. Establish user-centric tools and practices to identify and access the information, services, and resources needed to accomplish the mission.

Core Coordinated: Agreed

23Sp.14A1 - Internal Target: Develop a Toolkit

Owner: Gregory Pray

Description: Establish a toolkit to support scalable Safety Culture activities, including resources such as shared presentation materials, promotional materials, workshop materials, and guides for interactive activities, for example. All members of the Enterprise Safety Culture Team will provide input to and feedback on the toolkit materials.

Due Date: 09/30/23

23Sp.14B - Internal Activity: Safety Culture – Outreach and Engage

Owner: Jeannie Shiffer

Description: Lead and coordinate activities to raise awareness of Safety Culture as it relates to safety as a core value at all levels of the enterprise and beyond. Make the Safety Culture concept tangible and accessible to the entire workforce. The Enterprise Safety Culture Team will provide review and input into all facets of this work to ensure consistent messaging across the agency.

Core Coordinated: Agreed

23Sp.14B1 - Internal Target: Incorporate Safety Culture Elements and Behaviors information into communications from FAA Executives and Managers

Owner: Matthew Ash

Description: Incorporate SC content into FAA Executives and Managers presentations at Summits, Conferences, Workshops and Meetings, that foster improved understanding and appreciation of Safety Culture principles amongst the target audiences.

Due Date: 09/30/23

23Sp.14B2 - Internal Target: Safety Culture Stories Series

Owner: Matthew Ash

Description: Review articles and provide input to call out the Safety Culture component. Help employees to view themselves in the broader operational context. The stories are also an opportunity to draw the connection between Safety Culture, data, SMS, and collaboration across the agency. All members of the Enterprise Safety Culture Team will be invited review planned stories to identify the SC component related to their LOB/SO.

Due Date: 09/30/23

23Sp.14C - Internal Activity: Safety Culture – Develop content

Owner: Gregory Pray

Description: Create Safety Culture content for presentations, workshops and training to support education, skill building of the workforce and identify each individual's traceability to the safety mission. This content influences the quality and engagement in the Safety Risk Management process, leading to better informed decisions to address emerging risk. The content supports the importance of data use and sharing as part of a positive and proactive Safety Culture. The Safety Culture Ambassadors will leverage the material and members of the Enterprise Safety Culture Team will review and provide input on the content under development.

Core Coordinated: Agreed

23Sp.14C1 - Internal Target: Integrate behaviors into existing training

Owner: Gregory Pray

Description: Collaborate with AHR and LOB training and development SMEs to ensure SC messaging and philosophy is supported through all employee life cycle activities, which may include but is not limited to: selection, onboarding, performance management, compensation/rewards, exit interviews, recurrent training, employee and leadership development.

Due Date: 09/30/23

23Sp.14D - Internal Activity: Safety Culture – Build Skills and Reinforce

Owner: John Dermody

Description: Fostering an effective Safety Culture is rooted in employee understanding, expertise, and commitment. Targets under this component influence the quantity and quality of reporting safety issues and application of Safety Policy ultimately leading to successful SRM and Safety Assurance process.

Core Coordinated: Agreed

23Sp.14D1 - Internal Target: Expand behavior workshops

Owner: Birkely Rhodes

Description: Continue rollout of workshops to leadership and the workforce with a focus on cross-functional teams and field engagement. This effort will leverage the toolkit and Safety Culture Ambassadors to execute rollout of workshops.

Due Date: 09/30/23

23Sp.16 - Internal Initiative: Regulatory Activities

Owner: Brandon Roberts

Description: The FAA provides rule information on published regulatory documents.

23Sp.16A - Internal Activity: Streamline the rulemaking process

Owner: Angela Anderson

Description: Determine ways to streamline the rulemaking process while ensuring compliance with the Administrative Procedure Act and applicable Department of Transportation orders.

23Sp.16A1 - Internal Target: Review Rulemaking Process Assessment Report

Owner: Angela Anderson

Description: Identify which recommendations from the Rulemaking Process Assessment would improve the rulemaking process and implement those changes.

Due Date: 09/29/23

23Sp.18 - Internal Initiative: The FAA provides rule information on published regulatory documents.

Owner: Brandon Roberts

Description: Engage in strategic rulemaking activities that enhance aviation safety.

23Sp.18A - Internal Activity: Engage in strategic rulemaking activities that enhance aviation safety.

Owner: Brandon Roberts

Description: The Rulemaking Management Council (Council), led by the Office of Rulemaking, ensures an effective and efficient set of priorities, and allocates resources for rulemaking projects. The Council manages the FAA's rulemaking program, approves rulemaking projects (including schedules and resource allocations), determines rulemaking priorities, and makes decision to resolve issues.

23Sp.18A1 - Internal Target: Office of Rulemaking's concurrence of Ramp 1 rules

Owner: Brandon Roberts

Description: Obtain Executive Level 1 concurrence for 100% of Ramp 1 rules within 90 days of the Council approved schedule date.

Due Date: 09/29/23

23Sp.18A2 - Internal Target: Office of Chief Counsel's concurrence on Ramp 1 rules.

Owner: Sara Mikolop

Description: Obtain Executive Level 1 concurrence for 100% of Ramp 1 rules within 90 days of the Council approved schedule date.

Core Coordinated: Agreed

Due Date: 09/29/23

23Sp.19 - Internal Initiative: Promote a Culture of Safety Across the Commercial Space Transportation Industry

Owner: Minh Nguyen

Description: The commercial space industry works to maintain an active and robust safety culture. Operators understand and accept their responsibilities with respect to maintaining public safety and they implement programs and systems to maintain safety rather than simply to comply with regulations.
As the industry matures, operators will be able to take greater responsibility for identifying risks and managing safety. AST will promote the industry's acceptance and capabilities to manage safety, thereby improving safety outcomes and regulatory efficiency. AST will facilitate the development of industry standards for safety significant systems and adapt its regulatory policies and practices to encourage operators to embrace additional responsibilities.

23Sp.19A - Internal Activity: Revise AST's Safety Management System Program

Owner: James Hatt

Description: Promote a culture of safety and safety reporting within the Commercial Space Transportation enterprise.

23Sp.19A1 - Internal Target: Update SMS and Provide Training to AST Staff

Owner: Sabrina Jawed

Description: Publish an updated AST SMS and deliver training for AST personnel in public risk management and safety analyses.

Due Date: 09/30/23

23Sp.19B - Internal Activity: Promote Industry's Safety Culture

Owner: Marcus Ward

Description: Engage with industry to ensure that safety remains top priority within a safety culture that includes a just culture and reporting culture.

23Sp.19B1 - Internal Target: Workshop on Compliance and Enforcement

Owner: Marcus Ward

Description: Hold workshop that explains AST's compliance and enforcement program, which has a range of options for addressing noncompliances and promotes a just culture and reporting culture that encourages operators to bring forward and report safety issues and problems.

Due Date: 09/30/23

23Sp.19C - Internal Activity: Promote Internal Safety Culture

Owner: Ken Wong

Description: Engage and train AST employees on the reporting of dissenting opinions.

23Sp.19C1 - Internal Target: Reporting Dissenting Opinions

Owner: Paul Wilde

Description: Develop and prepare a paper on the process for reporting, dispositioning, and documenting dissenting opinions, and provide training to AST employees on the process.

Due Date: 03/31/23

23Sp.19D - Internal Activity: Internal Activity: Provide Guidance to Industry on Safety Requirements

Owner: Katie Cranor

Description: Provide guidance to applicants on acceptable means of compliance to safety requirements.

23Sp.19D1 - Internal Target: Internal Target: Workshop on Safety Requirements

Owner: Katie Cranor

Description: Hold workshop that provides guidance to applicants on how to comply with safety requirements pertaining to flight safety analysis methodologies.

Due Date: 09/30/23

Emerging Entrants

Enable the safe and timely integration of new entrants (unmanned aircraft, commercial space, urban/advanced air mobility, human spaceflight, etc.) into the NAS to keep pace with advancing technologies and developments, while maintaining a safe and secure aerospace system that serves as a world model.

23Sq1 - Priority Initiative: Develop a Comprehensive Strategy to Safely Enable Emerging Entrants

Owner: Jeffrey Vincent

Description: Develop a Comprehensive Strategy to Safely Enable Emerging Entrants.

23Sq1A - Priority Activity: Adopt and Implement a Target Level of Safety (TLS) for Drone Operations

Owner: Jeffrey Vincent

Description: Adopt and implement a Target Level of Safety (TLS) for drone operations.

23Sq1A1 - Priority Target: Initial Target Level of Safety (TLS) Metric for Commercial Drone Operations

Owner: Jeffrey Vincent

Description: Publicize (e.g., communication to AAAC, FAA website, social media and industry events) the initial Target Level of Safety (TLS) with information on how to use the metric.

Due Date: 09/30/23

23Sq1A2 - Priority Target: Identify Safety Data and Establish and Adopt Safety Event Metrics

Owner: Jeffrey Vincent

Description: Identify the safety data needed and establish and adopt at least two precursor safety event metrics.

Due Date: 09/30/23

23Sq1B - Priority Activity: FAA Advanced Air Mobility (AAM) Implementation Plan

Owner: Nick Lento

Description: Develop a singular implementation plan that incorporates all of the agency work streams that must be completed in order to enable initial Advanced Air Mobility (AAM) services in the National Airspace System.

Core Coordinated: Agreed

23Sq1B1 - Priority Target: Updated Operational Use Case Report

Owner: Nabil Sandhu

Description: Develop a report illustrating specific examples of operational use cases that highlight Advanced Air Mobility (AAM) Beyond Visual Line of Sight (BVLOS) National Airspace System (NAS) Evaluation (BNE) Phase 2 flight operations and the required capabilities and operations in live and simulated flights. This report will consider existing and emerging capabilities to formulate operational use cases. Further, this report will capture the impacts of a new platform, new test site, and extended live flight evaluation period on the previous Use Case Report and expand upon the operations, capabilities, and interactions to be exhibited during the evaluations.

Due Date: 01/31/23

23Sq1B2 - Priority Target: Advanced Air Mobility (AAM) Leadership and Working Group Development

Owner: Nick Lento

Description: Finalize membership of leadership and working groups to include: Advanced Air Mobility (AAM) Leadership Team consisting of FAA management/directors and Innovation Teams (iTeams) consisting of FAA subject matter experts as well as interagency and industry members as needed.

Due Date: 02/28/23

23Sq1B3 - Priority Target: Draft Implementation Plan

Owner: Sherri Magyarits

Description: Develop a draft Advanced Air Mobility (AAM) implementation plan to outline the roles and responsibilities of AAM stakeholders, as well as describe the infrastructure and capabilities needed to enable AAM operations alongside other air traffic within the NAS in the 2028 timeframe. This living document will mature as the FAA works with stakeholders to refine the strategy for implementation.

Due Date: 05/31/23

23Sq.1 - Internal Initiative: Emerging Threats - Planning and Response

Owner: Tonya Coultas

Description: Design a specific approach for identifying emerging threats to the NAS in advance of their widespread prevalence, assessing their potential impact, and coordinating responses as they arise.

23Sq.1A - Internal Activity: Strengthen the Safe Integration of Dangerous Goods into UAS Operations.

Owner: Ben Supko

Description: Advance the integration for the safe carriage of dangerous goods in UAS operations and aircraft design through research and automation.

23Sq.1A1 - Internal Target: Evaluate the safety performance of existing dangerous goods packaging in a UAS environment.

Owner: Ben Supko

Description: Evaluate the safety risks associated with existing dangerous goods packaging requirements in a UAS operational environment. Submit to the FAA UAS/AAM Research Roundtable Principals a finalized statement of work for research activities on UAS dangerous goods packaging requirements that account for safety risks in the UAS operational environment.

Due Date: 09/30/23

23Sq.1A2 - Internal Target: Implement a shared collaborative environment that integrates ASH UAS continued operational safety (COS) oversight of aircraft and cargo with AIR certification and COS data analytics.

Owner: Lirio Liu

Description: Expand on the FY21 advanced data analytics activities that integrates our workforce, process, and products: The Aircraft Certification Service (AIR) will collaborate with the Office of Hazardous Materials Safety (AXH) in the Security and Hazardous Materials Safety Organization (ASH) to capitalize on common data platform, data access and safety oversight business workflow needs. AIR-700, Compliance and Airworthiness Division, and AXH will leverage existing AIR data systems that support our common Continued Operational Safety (COS) mission to include ASH's dangerous goods data and other UAS centric incidents/accidents information sources. This effort will result in a shared data ecosystem that includes, wherever practical, integrated business work flows to socialize common insight among our respective Subject Matter Experts (SME). This expansion of the ecosystem will target testing and survivability of certain hazards associated with products, cargo, and goods (e.g., installed lithium batteries, parachute recovery system, cylinders, air bags, deicing equipment, etc.) that will inform FAA SMEs and leadership decisions related to product airworthiness and the carriage of dangerous goods.

Core Coordinated: Agreed

Due Date: 09/30/23

23Sq.1B - Internal Activity: Unmanned Aircraft Systems (UAS) Security

Owner: Leesa Papier

Description: Support the safe and secure integration of UAS into the National Airspace System (NAS) by anticipating and collaborating with security partners to address their requirements, while preserving the safety, efficiency, and public access to the NAS.

23Sq.1B1 - Internal Target: Advance National UAS Security

Owner: Leesa Papier

Description: Advance National UAS security and support optimization of the agency's regulatory framework by developing a strategy for integrating and updating proposed actions during the implementation phase of the UAS/Drone Integration Strategy. The strategy will deliver detailed guidance and recommendations to address and mitigate security concerns to preserve the safety, efficiency, and public access to the NAS.

Due Date: 09/30/23

23Sq.1B2 - Internal Target: Unmanned Aircraft Systems (UAS) Reporting

Owner: Leesa Papier

Description: Formalize plan to promote and implement unmanned aircraft systems (UAS) reporting practices; perform quarterly program reviews to ensure conformity with safety oversight and enforcement efforts. As part of the plan, ensure appropriate reporting methodology is in place, including for report analysis and performance assessment.

Due Date: 09/30/23

23Sq.2 - Internal Initiative: Safe Integration of Unmanned Aircraft Systems (UAS) Operations

Owner: John Dermody

Description: Continue to lead and/or support the development, deployment, and successful integration of innovative UAS practices and technologies that improve the safety and performance of UAS in and around the nation's airports.

23Sq.2A - Internal Activity: Test and evaluation efforts of UAS detection and mitigation technologies

Owner: John Dermody

Description: ARP will continue to test and evaluate UAS detection and mitigation technologies as required under Section 383 of the 2018 FAA Reauthorization to support the development of a plan for establishing standards, provided that external factors do not impact this work. This congressional requirement is scheduled to sunset on September 30, 2023.

23Sq.2A1 - Internal Target: Test and evaluation efforts of UAS detection and mitigation technologies

Owner: Jim Patterson

Description: ARP will test and evaluate at least 3 UAS detection and mitigation technologies as required under Section 383 of the 2018 FAA Reauthorization, provided that external factors do not impact this work

Due Date: 09/30/23

23Sq.2A2 - Internal Target: Test and evaluation of UAS detection and mitigation technologies

Owner: John Dermody

Description: ARP will conduct UAS detection and mitigation test and evaluation activities at a total of 5 U.S. airports (in FY22 and FY23) as required under Section 383 of the 2018 FAA Reauthorization, provided that external factors do not impact this work.

Due Date: 09/30/23

23Sq.2B - Internal Activity: UAS Utilization

Owner: John Dermody

Description: Based on the UAS airport applications research effort, develop draft information for airport sponsors to use when utilizing UAS to conduct applications in and around the airport environment.

23Sq.2B3 - Internal Target: Wildlife Dispersal

Owner: James Layton

Description: Plan and coordinate UAS wildlife dispersal 'pilot program' at an airport.

Due Date: 09/30/23

23Sq.2B4 - Internal Target: Construction Monitoring

Owner: James Layton

Description: Prepare a literature review/outreach report that summarizes best practices for using sUAS for construction monitoring.

Due Date: 09/30/23

23Sq.3 - Internal Initiative: FAA Unmanned Aircraft Systems (UAS) and Advanced Air Mobility (AAM) Integration Research Plan

Owner: Kerin Olson

Description: The UAS/AAM Integration Research Plan captures the Agency's strategy and approach for research needed to support safe and secure integration of UAS into the national airspace system (NAS).

23Sq.3A - Internal Activity: FAA UAS/AAM Integration Research Plan Edition #6 Release

Owner: Kerin Olson

Description: Release edition #6 of the annual plan.

23Sq.3A1 - Internal Target: Agency Coordination and Concurrence

Owner: Kerin Olson

Description: Submit Edition #6 of the FAA UAS/AAM Integration Research Plan into EDMS for agency coordination and concurrence.

Due Date: 07/31/23

23Sq.3A2 - Internal Target: Publish Edition #6 of the FAA UAS/AAM Integration Research Plan

Owner: Kerin Olson

Description: Publish Edition #6 of the FAA UAS/AAM Integration Research Plan and distribute to FAA personnel via the Intranet.

Due Date: 09/30/23

23Sq.4 - Internal Initiative: Develop a Comprehensive Strategy to Safely Enable Emerging Entrants

Owner: Peter Sachs

Description: Develop a Comprehensive Strategy to Safely Enable Emerging Entrants

23Sq.4A - Internal Activity: Third-Party Services

Owner: Peter Sachs

Description: Enable approvals of third-party services within existing regulations. (Supporting Organization: FS, AJT-3, AJV-P, AJV-S)

23Sq.4A1 - Internal Target: Accepting or Recognizing Third-Party Services

Owner: Peter Sachs

Description: Establish the overall process, including mechanism for accepting/recognizing third-party services as risk mitigation and use of precedent in service evaluation.

Due Date: 12/01/22

23Sq.4A2 - Internal Target: Inform the Public

Owner: Peter Sachs

Description: Inform the public of steps to receive a determination on using third party services for BVLOS operations from the FAA.

Due Date: 09/01/23

23Sq.5 - Internal Initiative: Space Integration

Owner: Michelle Lott

Description: Over the past decade, the FAA has experienced diversification of the NAS from aviation to a number of diverse and emerging entrants, including a marked increase in the demand for operations that include those of commercial space launch/reentry (L/R) and commercial Upper Class E airspace. This increasing commercial demand is fundamentally changing how the NAS operates. Operational readiness must meet operational demand.

23Sq.5A - Internal Activity: ATO Space/Upper Class E Strategy

Owner: Michelle Lott

Description: ATO Space/Upper Class E strategy, i.e., NAS Integration of Transiting Operations (NITRO), to enables the safe and efficient growth of Space L/R operations, increased access for operations to and from Upper Class E airspace, and enables routine services for Upper Class E operations in the airspace.

23Sq.5A1 - Internal Target: Publish the NITRO ATO Corporate Plan – Space Integration Strategy

Owner: Guillermo Sotelo

Description: Publish the ATO NITRO Corporate Plan articulating the ATO space integration priorities and operational outcomes, the strategy to achieve these outcomes, and the space roadmap necessary to achieve success.

Due Date: 03/31/23

23Sq.6 - Internal Initiative: ATO UAS Services Plan Priority 2 – UAS Operations at Public-Use Airports

Owner: Dan Hicok

Description: Government and commercial UAS applications continue to create new opportunities to add value to airport operations by enabling remote inspections, analyses, and other unique mission driven activities. For example, without UAS, critical inspections of infrastructure and equipment, such as instrument landing systems (ILS) components, runways, towers, and aircraft, require personnel to be physically present at the point of inspection (e.g. scaling a structure) to accomplish the necessary inspection criteria. UAS will affect ATO's role, both as a user of new technologies and in overseeing the integration of new systems and services. The FAA will need to develop a policy framework scalable to commercial operations while also enabling FAA operations through vendor approval processes. To meet this need, the ATO is prioritizing the safe integration of routine UAS operations at public-use airports, for FAA, its contractors, and commercial operators.

23Sq.6A - Internal Activity: Operationalize UAS Flight Inspection Activities

Owner: Barbara Adams

Description: Operationalize flight inspection activities that can be performed by UAS that will complement or support existing flight inspection activities (e.g., preflight, airspace inspection, RFI) and report with results.

Core Coordinated: Agreed

23Sq.6A1 - Internal Target: Complete pre-flight activities with UAS to support commissioning or reconfiguration of a facility and validate with a formal flight inspection.

Owner: Barbara Adams

Description: Using FAA-owned UAS, perform pre-flight inspections in coordination with AJW for the tuning of equipment prior to flight inspection. Determine the accuracy of the pre-flight activity and document the pre-flight procedures used. Identify efficiencies realized following the completion of the flight inspection activities and develop a proposal for scaling the pre-commissioning inspections with UAS. Deliver a report to the VP of Flight Operations.

Due Date: 09/30/23

23Sq.6A2 - Internal Target: Report on the feasibility of using UAS for Radio Frequency Interference (RFI) detection.

Owner: Barbara Adams

Description: Conduct research in coordination with AJW to determine the feasibility of using UAS for RFI detection and deliver a report on the findings to the VP of Flight Operations. The research could include the capability to inspect VHF, UHF, L1, L2, L3, and 5G frequencies.

Due Date: 09/30/23

23Sq.6B - Internal Activity: Process for using sUAS for infrastructure inspections on-airport

Owner: Eli Velazquez

Description: Develop maintenance plan, requirements, and data considerations for FAA use of UAS for maintenance and inspection of facilities and/or equipment.

Core Coordinated: Agreed

23Sq.6B1 - Internal Target: Process for using sUAS for infrastructure inspections on-airport

Owner: Eli Velazquez

Description: Develop initial process to include coordination, approvals, and technical requirements, along with data management considerations for FAA use of sUAS for on-airport maintenance and inspection of facilities and critical infrastructure.

Due Date: 09/30/23

23Sq.7 - Internal Initiative: Establish a Repeatable Enterprise Process to Integrate Emerging Entrants Safely into the NAS

Owner: Jennifer Audette

Description: Establish a repeatable enterprise process to integrate emerging entrants safely into the NAS.

23Sq.7A - Internal Activity: UAS Policy Decision-Making

Owner: Jennifer Audette

Description: Collaborate with cross-Agency stakeholders to develop and publish guidance supporting UAS policy decision-making.

23Sq.7A1 - Internal Target: UAS-Specific NEPA Guidance

Owner: Jennifer Audette

Description: Publish UAS-specific NEPA guidance and implementation procedures on the FAA website.

Due Date: 09/30/23

23Sq.7A2 - Internal Target: FAA Order 8040.6 UAS Safety Risk Management Policy

Owner: Jennifer Audette

Description: Publish the update to FAA Order 8040.6 UAS Safety Risk Management Policy.

Due Date: 09/30/23

23Sq.9 - Internal Initiative: Droning On Regional Events

Owner: Colleen D'Alessandro

Description: Provide lessons learned on ANE and ASO Droning On Regional Events to support additional events in other Regions.

23Sq.9A - Internal Activity: Droning On Events Reporting in ANE & ASO

Owner: Colleen D'Alessandro

Description: Collaborate and provide after action/lessons learned report from Droning On Events in ANE and ASO.

23Sq.9A1 - Internal Target: ANE After Action/Lessons Learned Report

Owner: Colleen D'Alessandro

Description: After completion of the Droning On - New England Edition event in FY22, collaboration with AUS to prepare an after action/lessons learned report to allow feedback and best practices to be shared with other Regions.

Due Date: 01/31/23

23Sq.9A2 - Internal Target: ASO After Action/Lessons Learned Report

Owner: Michael O'Harra

Description: After completion of the Droning On - Southern Edition event in FY23, collaboration with AUS to prepare an after action/lessons learned report to allow feedback and best practices to be shared with other Regions.

Due Date: 02/28/23

23Sq.10 - Internal Initiative: AVS will take necessary and timely actions to enable Unmanned Aircraft System (UAS) activities in the National Airspace System (NAS).

Owner: Angela Anderson

Description: The Office of Rulemaking (ARM) coordinates the FAA's exemption program, and works closely with the Office of Primary Responsibility (OPR) and Office of the Chief Counsel (AGC) to process petitions for exemption from Title 14 of the Code of Federal Regulations (14 CFR).

23Sq.10A - Internal Activity: Implement strategies to improve Unmanned Aircraft System (UAS) exemption (non-precedent setting) processing time.

Owner: Dan Ngo

Description: The Office of Rulemaking (ARM) processes non-precedent setting UAS exemption requests, which comprise the vast majority of UAS exemption requests.

23Sq.10A1 - Internal Target: Unmanned Aircraft System (UAS) Exemptions (non-precedent setting)

Owner: Dan Ngo

Description: Process (grant, deny, or close out) 75% of the non-precedent setting UAS exemption requests within 120 days of receipt during the current fiscal year processing cycle.

Due Date: 09/29/23

23Sq.10A2 - Internal Target: Unmanned Aircraft System (UAS) exemption process

Owner: Dan Ngo

Description: Implement changes to the UAS exemption process to improve internal processing and external transparency.

Due Date: 09/29/23

23Sq.11 - Internal Initiative: Develop a Comprehensive Strategy to Safely Enable Emerging Entrants

Owner: Jay Kinser

Description: Develop a Comprehensive Strategy to Safely Enable Emerging Entrants.

23Sq.11A - Internal Activity: Flexible Agency Prioritization Strategy

Owner: Jay Kinser

Description: Implement recommended actions to establish a repeatable enterprise-level process to integrate emerging entrants into the NAS and a flexible agency prioritization strategy for Emerging Entrants.

23Sq.11A1 - Internal Target: Enterprise Engineering Framework

Owner: Jay Kinser

Description: Develop the enterprise engineering framework for applicants that provides orchestration and facilitation of the cross LOB/SO projects required for full integration of the various entrants into the NAS, to include mechanisms for synchronizing and tracking workflow, responsible parties, and automated data sharing.

Due Date: 09/30/23

23Sq.11A2 - Internal Target: Emerging Entrant Triage Team

Owner: Jay Kinser

Description: Establish membership from across LOBs to serve as the Emerging Entrant Triage Team to review applications, approve entry into the Emerging Entrant Process, and establish and routinely evaluate the prioritization of new entrants and make adjustments as needed.

Due Date: 09/30/23

23Sq.11A3 - Internal Target: Determine OPR for Enterprise Engineering Framework

Owner: Jay Kinser

Description: Determine primary OPR from within existing Agency resources for the enterprise engineering framework for applicants that provides orchestration and facilitation of the cross LOB/SO projects required for full integration of the various entrants into the NAS, to include mechanisms for synchronizing and tracking workflow, responsible parties, and automated data sharing.

Due Date: 09/30/23

23Sq.12 - Internal Initiative: Advancing Beyond Visual Line of Sight (BVLOS) UAS Operations

Owner: Jennifer Audette

Description: The FAA will enable the safe and secure integration of Unmanned Aircraft Systems (UAS) into the National Airspace System (NAS).

23Sq.12A - Internal Activity: Beyond Visual Line of Sight (BVLOS) Standard Scenarios

Owner: Jennifer Audette

Description: Develop BVLOS standard scenarios (also known as pre-defined risk assessments) to streamline and standardize low-risk, high-value BVLOS approvals.

23Sq.12A1 - Internal Target: Identify Standard Scenario

Owner: Jennifer Audette

Description: Identify at least one standard scenario to develop based on review of existing waivers, industry economic benefit and FAA workload impact.

Due Date: 04/30/23

23Sq.12A2 - Internal Target: Internal Guidance and Policy on Standard Scenarios

Owner: Jennifer Audette

Description: Update internal guidance and policy documents to reflect the creation and eligible use of standard scenarios.

Due Date: 04/30/23

23Sq.12A3 - Internal Target: Publish a Standard Scenario

Owner: Jennifer Audette

Description: Publish at least one standard scenario and share with JARUS and/or through bilateral channels.

Due Date: 09/30/23

Safety and Security Risk Management

Ensure a formalized and proactive approach to aviation safety by identifying, monitoring, assessing, and managing safety and security risks through enhanced access to data and analytics, informed risk-based decision making, improved safety metrics and security measures, and increased system safety awareness and performance.

23Sr1 - Priority Initiative: Utilize Predictive Data Analytics to Proactively Identify and Take Action to Reduce Emerging Safety Risk

Owner: Kimberly Pyle

Description: Utilize Predictive Data Analytics to Proactively Identify and Take Action to Reduce Emerging Safety Risk.

23Sr1A - Priority Activity: Define an enterprise-level process utilizing data for determining and re-evaluating safety measures for a 21st century NAS.

Owner: ODell Johnson

Description: Define a transparent and repeatable process to determine enterprise-level safety measures using a holistic approach that considers potential risks and hazards not previously prioritized as contributing to safety.

23Sr1A1 - Priority Target: Develop a Workflow That Demonstrates Viability For The Safety Measure Nomination Process

Owner: ODell Johnson

Description: For selected use case(s), determine how to align enterprise-level goals with the safety measures nominated by the relevant LOB's and S/O's. Demonstrate how this alignment supports project-level decision making, informs enterprise-level goals and highlights risks and hazards not previously prioritized as contributing to safety. Output will be a white paper outlining how Performance Management at the Enterprise Level could be achieved.

Due Date: 09/30/23

23Sr1B - Priority Activity: Support FAA's strategy and DOT's long range strategic plan for advance analytics development in the NAS.

Owner: Sara Rodriguez

Description: Work closely with the Chief Data Office and engage with aviation analysts across all Lines of Business (LOBs) and Staff Offices (SOs) to propose tactical and policy-driven recommendations while identifying scalable use cases that aid in the development of a new FAA Artificial Intelligence (AI) and Machine Learning (ML) strategy.

23Sr1B1 - Priority Target: Enhance Repository for Predictive Analytics Use Cases

Owner: Sara Rodriguez

Description: Provide an analysis of the collection of use cases for purpose, scope, capabilities, and limitations while maintaining the active inventory repository through continuous monitoring, collaboration, and evaluation. Document and socialize how use cases align with tactical processes and technical applications for reference and input into the FAA AI/ML strategy.

Due Date: 09/30/23

23Sr.1 - Internal Initiative: Leading Practices in Risk Management

Owner: Tonya Coultas

Description: Adopt leading practices in risk management from FAA, government, and industry to improve risk identification, assessment, and mitigation practices across ASH Program Offices.

23Sr.1B - Internal Activity: Continuity of Operations

Owner: Leesa Papier

Description: Lead agency planning and preparedness efforts to ensure the FAA continues operation of essential functions under all-hazard emergencies. Ensure viable continuity of operations facilities and procedures, to include communications and logistics, are continually operational and available through readiness exercises and continuity cadre management.

23Sr.1B1 - Internal Target: NAS Recovery Communications (RCOM)

Owner: Leesa Papier

Description: Complete the site prep and equipment installation to establish the technical refresh of microwave links from Site 8 and Site 9, Site 9 and Site 15, Site 9 and Site 20, and improve overall network resiliency by migrating from DS-3 circuits to Ethernet at all sites.

Due Date: 09/30/23

23Sr.1C - Internal Activity: Facility Security Risk Assessment, Evaluation, Resolution and Analysis

Owner: Patricia Pausch

Description: The ASH Office of Infrastructure Protection (AXF) delivers nation-wide policy, guidance, oversight, and evaluation of the FAA's facility security management and information safeguards programs. This activity supports the ASH safety initiative through 5 key program components: risk assessments, compliance evaluations, incident resolution and analysis, stakeholder engagement, and data and metrics reporting. AXF continually assesses the effectiveness of those program areas in terms of mission efficiency and success to improve program performance and the services provided to stakeholders.

23Sr.1C1 - Internal Target: Facility Security Risk Management Process Model and Program Implementation

Owner: Patricia Pausch

Description: Each quarter, assess the FAA's facility security risk management process model and program implementation against internal controls and produce a report of findings highlighting areas of concern for leadership action to improve risk awareness and mitigation at all FAA facilities.

Due Date: 09/30/23

23Sr.1C2 - Internal Target: Information Safeguard Program Oversight

Owner: Patricia Pausch

Description: Each quarter, monitor agency safeguards to information security and review against established internal controls to protect classified and controlled agency information from unrestricted release. Determine the relevancy of any recognized deficiencies and provide recommendations for corrective action.

Due Date: 09/30/23

23Sr.1D - Internal Activity: Personnel Security Background Investigations

Owner: Gerald Moore

Description: The Office of Personnel Security (AXP) will initiate and adjudicate initial and recurring background investigations on FAA employees and contractors in accordance with Office of Personnel Management (OPM) and Office of Director National Intelligence (ODNI) published policy and guidelines. The agency depends on AXP's ability to properly vet the people managing and operating the NAS in a timely manner to meet the agency mission while reducing risk wherever possible.

23Sr.1D5 - Internal Target: Deploy New Fingerprinting Capabilities

Owner: Gerald Moore

Description: Deploy new fingerprinting capabilities to 40 ATO and AVS field facilities.
• Provide fingerprinting equipment, training, and support to at least 10 sites per quarter.

• Update the FAA Fingerprint Centers file located at PIV.FAA.GOV to include the sites implemented within one week of a new fingerprint site installation.
• Provide additional training to the facilities' Trusted Agents (TAs) within two business days when requested.

Due Date: 09/30/23

23Sr.1D6 - Internal Target: Trusted Workforce 2.0 Implementation

Owner: Gerald Moore

Description: Implement Trusted Workforce 2.0 at the FAA within federally mandated timeframes.
• Work with the Office of Human Resources/Labor and Employee Relations (AHR/LER) to finalize RapBack informational presentation for unions by January 31, 2022.
• Conduct union briefings on RapBack and fingerprint requirements by June 30, 2023.
• Enroll national security population with fingerprints already on file into RapBack by September 30, 2023.
• Sign MOU with the Office of Investigations and Professional Responsibility (AXI) to ensure that information relevant to continuing clearance eligibility is appropriately shared by September 30, 2023.

Due Date: 09/30/23

23Sr.2 - Internal Initiative: Security Compliance

Owner: Melanie Boteler

Description: Monitor and track vulnerabilities within the FAA's Federal Information Security Management Act (FISMA) reportable systems; monitor and track Plan of Action and Milestones; manage vulnerability mitigation and remediation; coordinate the remediation of vulnerabilities for all FISMA reportable systems.

23Sr.2A - Internal Activity: Vulnerability Management Processes

Owner: Carolyn Ware

Description: Manage vulnerability mitigation and remediation as identified by the FAA's Data Loss Prevention (DLP) service security assessments, vulnerability scans and incident events, and all Department of Homeland Security (DHS) Cyber Hygiene scanning vulnerabilities.

23Sr.2A1 - Internal Target: Remediate 90% of Critical and High Vulnerabilities

Owner: Pamela Lundstrom

Description: To comply with Department of Homeland Security (DHS) Binding Operational Directive (BOD) 19-02, remediate 90% of critical and high vulnerabilities detected on internet accessible systems or complete the required remediation plan with the concurrence of the Cybersecurity Steering Committee (CSC).

Due Date: 09/30/23

23Sr.5 - Internal Initiative: Programmatic Opportunities and Activities to Address Emerging Threats (CSTI)

Owner: Tonya Coultas

Description: Identify new opportunities and activities to address emerging threats to aviation safety and security.

23Sr.5A - Internal Activity: Advance the Safety of Aircraft Cargo through Safety Oversight and Research

Owner: Ben Supko

Description: Cargo safety is a multi-disciplinary approach to safety that harnesses the knowledge of the FAA, airframe manufacturers and aircraft operators to identify air cargo hazards and implement comprehensive strategies to mitigate safety risks. Cargo safety recognizes that air cargo safety risks are a result of many factors, to include a lack of shared knowledge on aircraft capabilities and the safety culture of the air cargo supply chain. The FAA is advancing cargo safety by bridging the knowledge and culture gaps through safety management partnerships, data sharing, research, and a global initiative to proactively identify and mitigate hazards.

23Sr.5A1 - Internal Target: Establish multi-disciplinary collaborative research and training to connect global air cargo safety initiatives through risk-hazard data collection, identification, and safety enhancements.

Owner: Ben Supko

Description: Establish and deliver multi-disciplinary collaborative research and training to connect global air cargo safety initiatives through risk-hazard data collection, identification, and safety enhancements. Provide the FAA Cargo Safety Executive Committee with cargo safety-related information to communicate roles and responsibilities to FAA safety inspectors specific to the guidance outlined in FAA Advisory Circular 120-121.

Due Date: 09/30/23

23Sr.5B - Internal Activity: Develop a Standardized Test of Cargo Containers to Withstand Fires

Owner: Richard Hill

Description: The FAA, in collaboration with industry groups, are developing performance-based standards for cargo containers and covers to prove that hazardous material fires will be contained for at least six hours. This activity will characterize a variety of lithium battery fires to develop a standard and repeatable test to evaluate cargo container fire resistance. The output from the research will be used to develop a standardized, repeatable, and reproducible fire test for qualifying cargo containers and covers capable of withstanding lithium battery fires.

Core Coordinated: Agreed

23Sr.5B1 - Internal Target: Coordinate research with industry groups

Owner: Robert Ochs

Description: In collaboration with industry partners of the Society of Automotive Engineers International Air Cargo and Aircraft Ground Equipment and Systems technical committee, SAE AGE-2, the FAA will determine typical shipments of lithium batteries transported in containers or pallets for characterization testing. The effort of this task group is to determine multiple battery shipment sizes and associated fire load influencing metrics in the performance standard to delineate multiple tiers of battery protection in Fire Resistant Container (FRC) or Fire Containment Cover (FCC).

Due Date: 04/30/23

23Sr.5B2 - Internal Target: Characterize fires created by various lithium battery fires

Owner: Robert Ochs

Description: Perform onsite full and medium scale tests to characterize fire severity and evolved flammable gases from lithium batteries by varying load quantities. The objective of the testing is to generate reliable data to determine a correlation between known quantities of batteries and the evolution rate of flammable gases.

Due Date: 07/30/23

23Sr.5B3 - Internal Target: Analysis of test data

Owner: Robert Ochs

Description: Analyze data obtained through characterization testing to derive a correlation between the shipment size of lithium batteries and the evolution rate of flammable gases. The outcomes could provide information for researchers to develop a minimum performance test standard that does not involve active fire test of lithium batteries. Rather the implemented test method could be based on properties, such as heat flux, to design a burner capable of replicating the heat release rate of burning lithium batteries.

Due Date: 09/30/23

23Sr.6 - Internal Initiative: Surface Safety Risk Reduction

Owner: Scott Proudfoot

Description: AJI will utilize the surface safety metric to: Establish consensus among Runway Safety stakeholders on a policy to assess and quantify the risk in runway safety events. Address precursors, as well as latent risks by proactively providing event trend summaries and best practices to the field.

23Sr.6A - Internal Activity: Runway Safety Action Teams (RSAT)

Owner: Scott Proudfoot

Description: Enhance NAS Safety by expanding RSAT participation, and conducting special focus RSATs

23Sr.6A1 - Internal Target: Expand RSAT Participation by using FAAST Teams to reduce surface events

Owner: Scott Proudfoot

Description: Conduct RSAT meetings by expanding the presence of FAAST Team participation to improve pilot participation during RSATs and reduce runway incursions at those airports.

Due Date: 09/30/23

23Sr.6A2 - Internal Target: Reduce the Risk of Surface Events by Implementing Improvements and Mitigations

Owner: Scott Proudfoot

Description: Conduct 9 Special Focus RSAT meetings at airports with elevated rates of wrong surface and runway incursions, monitor the effectiveness of the RSAT by tracking Runway Incursion rates and wrong surface operations, and develop best practices and propose mitigations to help reduce the rate at specified airports.

Due Date: 09/30/23

23Sr.6B - Internal Activity: Runway Safety Strategy

Owner: Scott Proudfoot

Description: The FAA runway safety strategy includes training, education, and awareness initiatives via structured programs, refresher courses, printed materials, electronic materials, trade and industry journal articles to maintain runway safety as a top-of-mind priority for pilots, air traffic controllers, and airport personnel. Proper airport geometry design and technological initiatives also offer tremendous promise for the improvement of runway safety and include such devices as runway status lights and cockpit moving map displays. Finally, enhancements to air traffic procedures, phraseology and systems provide controllers with better tools to keep aircraft safely separated on runways and taxiways.

23Sr.6B1 - Internal Target: "Planned" Risk Response for Runway Safety

Owner: Scott Proudfoot

Description: The Runway Safety Group will continue enhancement of the FAA's strategic activities, programs, and objectives associated with achieving the agency's runway safety goals through the ongoing development and implementation of the National Runway Safety Plan.

Due Date: 09/30/23

23Sr.6B2 - Internal Target: Reduce the Risk of Surface Events by Increasing Situational Awareness through Outreach and Education

Owner: Scott Proudfoot

Description: The Runway Safety Group, in collaboration with the Office of Communications will develop, distribute and promote through social media 30 "From the Flight Deck" series videos (combination of airport specific and single subject videos).

Due Date: 09/30/23

23Sr.6C - Internal Activity: AFS Support of Surface Safety Risk Reduction

Owner: Bradley Palmer

Description: In collaboration with ATO, ARP, and labor partners work to minimize identified systemic runway safety issues and provide recommendations to the Runway Safety Council.

Core Coordinated: Agreed

23Sr.6C1 - Internal Target: FAA Outreach and Communication

Owner: Bradley Palmer

Description: Provide briefing materials to FAA outreach and communication offices for education to the aviation community on a minimum of four (4) potential focus topics gained from surface event data analysis.

Due Date: 09/30/23

23Sr.6C2 - Internal Target: Collaborate with Industry to Develop Strategies to Address Wrong Surface Event

Owner: Bradley Palmer

Description: Support Collaboration with FAA Lines of Business (ATO, AVS, ARP) to develop strategies that will ensure information and data currently collected by FAA Airports and the Flight Standards Service is transmitted to the Runway Safety Group for surface event assessment of contributing factors and barrier performance.

Due Date: 09/30/23

23Sr.6D - Internal Activity: AJT-2 Support of Runway Safety Technology Program Management Integration.

Owner: Jeff Szczygielski

Description: In FY22, AJT-2 will support AJI in integrating Program Management of Runway Safety technologies, to include: Speech Recognition and Memory Aid Research, and, activities associated with the prevention of runway incursions utilizing Runway Incursion Prevention Situational Awareness (RIPSA) activities.

Core Coordinated: Agreed

23Sr.6D1 - Internal Target: AJT-2 Support of Runway Safety Technology Program Management Integration

Owner: Frank Lias

Description: AJT SMEs will support NextGen's final technical requirements for solicitation and acquisition of "right-site-right-size" technologies, by providing input on the best system to deploy for Runway Incursion Prevention through Situational Awareness (RIPSA). AJT SMEs will support NextGen's Program Plan for "right-site-right-size" by assisting in the development of the Runway Incursion Prevention through Situational Awareness (RIPSA) implementation Plan.

Due Date: 09/30/23

23Sr.6E - Internal Activity: ANG Support of Runway Safety Office (AJI) Initiative of Surface Safety Risk Reduction

Owner: Westley Wright

Description: The Runway Incursion Reduction Program’s (RIRP) objective is to continually discover, research, implement, maintain and innovate technologies that will detect the incorrect presence of an object in the Runway Safety Area and deliver a directive cue to the individual who can take corrective action.

Core Coordinated: Agreed

23Sr.6E1 - Internal Target: Commence installation of site infrastructure

Owner: Benjamin Marple

Description: Commence installation of site infrastructure for prototype Runway Incursion Prevention through Situational Awareness (RIPSA) Technology system at San Antonio International Airport (SAT)

Due Date: 09/30/23

23Sr.6E2 - Internal Target: Deliver Factory Acceptance Test (FAT)

Owner: Benjamin Marple

Description: Deliver Factory Acceptance Test (FAT) Report for RIPSA prototype system that will be installed at San Antonio International Airport (SAT).

Due Date: 06/30/23

23Sr.6F - Internal Activity: ARP Support of the Runway Safety Technology Program

Owner: John Dermody

Description: Assist AJI in integrating Program Management of Runway Safety technologies that are in various Lines of Business from concept development, research and acquisition, to in-service certification, through participation in the SSG, provided that COVID does not impact this activity.

Core Coordinated: Agreed

23Sr.6F1 - Internal Target: ARP Support of Runway Safety Technology Program

Owner: John Dermody

Description: Assist AJI in integrating Program Management of Runway Safety technologies that are in various Lines of Business from concept development, research and acquisition, to in-service certification, through participation in the SSG.

Due Date: 09/30/23

23Sr.7 - Internal Initiative: Establish Requirements and Governance for Data Sharing Across the Enterprise

Owner: Kimberly Pyle

Description: Safety data sharing across the FAA enterprise is expanded through effective governance, including increased awareness of available safety data sources. Knowledge management principles of transparency, trust, and stewardship are foundational to success.

23Sr.7A - Internal Activity: Develop a preliminary future state plan for enterprise level safety information and data, including data access and sharing governance standards

Owner: Scott LeMay

Description: In fulfillment of the COI responsibilities outlined in 1375.1F, develop future state recommendations for enterprise level safety data standards that facilitate robust safety data stewardship and cross-organizational safety data exchanges. Identify and assess current safety data access and sharing processes and standards. Collaboration with EIM and the CDO's Data Governance Team (DGT) will be ongoing.

23Sr.7A1 - Internal Target: Enterprise Safety Data Access and Sharing Recommendations

Owner: Scott LeMay

Description: As the Safety Community of Interest (S-COI), coordinate across the agency to develop recommended requirements for safety data sharing at the enterprise level–Create preliminary safety data access and sharing process standards. In coordination with the EIM and DGT, finalize requirements and process recommendations document by September 30, 2023.

Due Date: 09/30/23

23Sr.7A2 - Internal Target: Establish a Method for Identifying Information Needs for Safety Processes across the Enterprise

Owner: Scott LeMay

Description: Establishing a method for identifying information needs and integrating data into decision-making processes identified as critical to current and future LOB/SO safety-related functions. Deliver a document providing guidance for an organization to use to enhance their decision-making and mature their workflow processes through the targeted integration of data.

Due Date: 09/30/23

23Sr.8 - Internal Initiative: ATO Data Evolution

Owner: Joshua Gustin

Description: Build a federated approach to the provision of data capabilities supported by the necessary cultural transformation, partnerships, and technology.

23Sr.8A - Internal Activity: Data Evolution Leadership Team (DELT)

Owner: Joshua Gustin

Description: The Data Evolution Leadership Team (DELT) is an executive level team that will provide a collective voice and focused approach to identifying and solving ATO data challenges. The DELT will also work towards building a federated approach to the provision of capabilities supported by the necessary cultural transformation, partnerships, and technology.

23Sr.8A1 - Internal Target: Refine ATO's Data Action Plan (DAP)

Owner: Joshua Gustin

Description: Collaborate with ATO's Data and Analytics Modernization (ADAM) group to utilize and further refine the ATO Data Action Plan (DAP), introduced in FY22, to create a roadmap of the initial activities.

Due Date: 09/30/23

23Sr.9 - Internal Initiative: General Aviation Safety

Owner: Patricia Hiatt

Description: Evaluate General Aviation (GA) safety at airports within the United States, and its territories. Use this information to develop a risk-based approach for prioritizing recommendations, and/or providing additional safety oversight measures.

23Sr.9A - Internal Activity: Improve Runway Safety Areas at General Aviation Airports

Owner: Patricia Hiatt

Description: Based on the GA Runway Safety Areas (RSA) desktop analysis, include RSA Improvement projects for AIP eligible runways (priority is the primary runway, then other eligible secondary or crosswind runways) in the ACIP with planned runway projects.

23Sr.9A1 - Internal Target: GA Safety Implementation Plan

Owner: Birkely Rhodes

Description: AAS to finalize the GA Airport Safety Implementation Plan and assessment checklist for use by all ARP employees visiting an airport.

Due Date: 08/31/23

23Sr.9A2 - Internal Target: General Aviation Runway Safety Area (RSA) Improvement Program

Owner: Alberto Cruz

Description: Headquarters will reconfigure the ADIP RSA Scheduled Milestones tab to reflect key project milestones for reporting purposes. Upon completion of the Schedule Milestone tab upgrade, Headquarters will provide instructions to the Regions, through webinars or equivalent, on how to enter RSA project milestones into ADIP.

Due Date: 03/31/23

23Sr.9A3 - Internal Target: General Aviation Runway Safety Area (RSA) Improvement Program

Owner: John Dermody

Description: Regions will enter the General Aviation RSA projects identified in the FY21 and FY22 business plans into the new ADIP RSA Scheduled Milestones tab.

Due Date: 09/30/23

23Sr.9A4 - Internal Target: GA Safety Webinars

Owner: John Dermody

Description: AAS to provide instructional webinars to ARP employees on conducting GA Airport Safety Assessments.

Due Date: 09/30/23

23Sr.10 - Internal Initiative: FAA Enterprise Network Services (FENS)

Owner: Joseph LaHoud

Description: The FAA has ongoing and evolving needs for highly-available and secure communications, information services, and networking capabilities that are essential to NAS operations and agency administration. The FAA has always depended on the commercial telecommunications sector to provide the needed solutions, contracting out these services through the FAA Telecommunications Infrastructure (FTI) program. The FAA Enterprise Network Services (FENS) program, which is intended as a follow-on program to FTI, will enable the FAA to continue to meet its communications, information services, and networking needs - while realizing cost benefits and keeping pace with the accelerating transition of the commercial telecommunications sector from existing time division multiplexing (TDM)-based technology to Ethernet and/or internet protocol (IP)-based services in the access and transport segments. In providing Ethernet/IP-based services instead of TDM-based services, FENS will provide the modern telecommunications infrastructure required to enable the FAA's advanced information management requirements, as envisioned through the NextGen Mid-Term Concept of Operations (CONOPS).

23Sr.10A - Internal Activity: FAA Enterprise Network Services (FENS)

Owner: Joseph LaHoud

Description: Complete Final Investment Decision (FID) required artifacts by Q1 CY23 in order to complete FID and contract award in CY23.

23Sr.10A1 - Internal Target: FAA Enterprise Network Services (FENS)

Owner: Joseph LaHoud

Description: Complete Final Investment Decision (FID) required artifacts by Q1 CY23

Due Date: 03/31/23

23Sr.11 - Internal Initiative: Programmatic Opportunities and Activities to Address Emerging Threats (Internal)

Owner: Tonya Coultas

Description: Identify new opportunities and activities to address emerging threats to aviation safety and security.

23Sr.11A - Internal Activity: Advance the AXH Safety Management System (SMS)

Owner: Ben Supko

Description: The AXH SMS Advisory Board (AB) and AXH SMS Collaboration Group (CG) work together to coordinate and collaborate safety management efforts across AXH, ensuring an integrated approach to continually improve the SMS, identify, and reduce duplicative activities, and promote a positive safety culture.

23Sr.11A1 - Internal Target: Strengthen Hazardous Material Safety (AXH) SMS Training and Culture

Owner: Ben Supko

Description: A robust understanding of SMS across AXH supports a strong safety culture and AXH's ability to conduct safety oversight over air carriers and other entities that have adopted the principals of SMS. These are the same principles that connect AXH as an organization and drive its focus on positive safety outcomes. To continue to strengthen its commitment to SMS, AXH will evaluate and revise existing AXH Core Curriculum Documents to ensure inspector core competencies and SMS-related training are addressed within the AXH training curriculum. Progress toward this target will be measured through the following milestones:
• Present a draft evaluation on the adequacy of inspector core competencies and SMS-related training in the AXH Core Curriculum Documents and recommended improvements to the AXH SMS Advisory Board by the end of Q2.
• Provide the finalized evaluation and recommended improvements documents to leadership for approval by the end of Q3.
• By target due date, revise the AXH Core Curriculum Documents based on the evaluation and recommended improvements.

Due Date: 09/30/23

23Sr.12 - Internal Initiative: Plan and Execute Proactive Communications Activities

Owner: Cynthia Ramsay

Description: Plan and execute proactive communications activities.

23Sr.12A - Internal Activity: Educate and Inform the Public

Owner: Cynthia Ramsay

Description: Provide NAS users, stakeholders and the traveling public with accurate and timely information needed to operate in the NAS safely and to obtain aviation safety related information.

23Sr.12A1 - Internal Target: Build a Proactive Atmosphere

Owner: Cynthia Ramsay

Description: Build a proactive atmosphere by working with the media relations team to establish contacts with journalists through introductory and check in meetings and to maintain those relationships. Guide the team on how to successfully pitch story ideas to journalists, and ensure they are pitching ideas to the media the number of times per month required in each team member's performance plan. Execute at least 25 safety education campaigns to inform the public about FAA's priorities and programs.

Due Date: 09/30/23

23Sr.12A2 - Internal Target: Earned Media Coverage

Owner: Cynthia Ramsay

Description: Identify and execute monthly initiatives and opportunities for earned media coverage to highlight agency safety initiatives.

Due Date: 09/30/23

23Sr.13 - Internal Initiative: Aircraft Safety Assurance

Owner: Shelley Yak

Description: Research and Development that assesses and improves aircraft safety systems and the safe introduction of new aircraft technologies. Aircraft centric research areas include composites/materials, propulsion and fuel systems, and fire protection and detection.

23Sr.13A - Internal Activity: Assess Vision Systems for Helicopters Flying in Low or Reduced Visibility

Owner: Dave Atwood

Description: Assess the safety benefits of using vision systems technologies for rotorcraft flight operations in low or reduced visibility weather conditions. This will be conducted using the helicopter simulator at the Technical Center. The research will support the development of policy, guidance, and standards necessary for the safe use of vision systems technologies to allow for more efficient vertical flight operations in poor visibility.

23Sr.13A1 - Internal Target: Experimental Research Plan for Rotorcraft Safety in Degraded Visual Environments (DVE) using Vision Systems Technology

Owner: Mike Paglione

Description: Document an experimental design/research plan to examine various safety aspects of vision systems technologies. The plan will identify scenarios, technologies, and metrics for determining the operational benefits and limitations of vision systems technologies towards current and future vertical flight concepts.

Due Date: 06/30/23

23Sr.13A2 - Internal Target: Experimental Trials using FAA's Helicopter Simulator(s) and Industry Partner Flight Test Platforms

Owner: Mike Paglione

Description: Conduct initial trials focused on safety aspects of vision systems technologies. Research will identify topics for inclusion in future policy, guidance, and regulatory changes necessary to accommodate the expected use of vision systems technologies for vertical flight.

Due Date: 09/30/23

23Sr.13B - Internal Activity: Improve Inspection of Nickel Materials in Turbine Engines

Owner: Dave Atwood

Description: This research is in response to a near-catastrophic uncontained turbine engine failure due to an undetected Nickel alloy anomaly. It seeks to assess and apply a higher-sensitivity ultrasonic inspection method for premium-grade Nickel alloys used to make critical rotating engine components to detect melt-related anomalies too small to be detected with current systems. Results of the testing will be used to develop a revised inspection specification.

23Sr.13B1 - Internal Target: Develop Nickel Billet Calibration Standard

Owner: Dave Atwood

Description: This research is focused on improving inspection of Nickel material in the "billet" form which is an early stage of rotor production. This target will design, fabricate, and verify a nickel billet calibration standard which will be used throughout this activity to test and set detection thresholds for melt-related nickel anomalies. The calibration standard will contain programmed flat bottom holes of different sizes and at different depths to simulate typical nickel anomalies.

Due Date: 06/30/23

23Sr.13B2 - Internal Target: Test a higher sensitivity inspection method at a Nickel production melt facility.

Owner: Dave Atwood

Description: Testing will occur at a commercial Nickel melter on production material in the billet stage (10-inch diameter) and will compare current single zone ultrasonic testing to one that uses focused transducers to inspect multiple zones simultaneously. Three engine manufacturers who use large diameter Nickel billets are on the team led by Southwest Research Institute and will provide guidance and input throughout this activity.

Due Date: 09/30/23

23Sr.13C - Internal Activity: Test Lithium Batteries for United Nations Classification

Owner: Robert Ochs

Description: In support of the United Nations Transport of Dangerous Goods Sub-Committee Informal Work Group, the FAA will conduct laboratory tests on the thermal runaway capability of lithium batteries to evaluate fire hazards. This United Nations subcommittee is tasked to develop a new hazard-based, lithium battery classification system to be implemented worldwide for the safe shipment of lithium batteries.

23Sr.13C1 - Internal Target: Conduct Tests to evaluate fire hazards of lithium batteries

Owner: Robert Ochs

Description: Conduct laboratory tests on several types of lithium batteries to evaluate the fire hazards. Testing will evaluate the ability of batteries to go into thermal runaway, the flammability of the gases produced, and the ability of the hazards to spread to neighboring batteries.

Due Date: 05/30/23

23Sr.13C2 - Internal Target: Analysis of Test Data

Owner: Robert Ochs

Description: Analyze the lithium battery data collected from testing to obtain the important information required from this project, such as temperature rise, volume of gas emitted, and propagation rate.

Due Date: 06/30/23

23Sr.13C3 - Internal Target: Present test results to United Nations working group

Owner: Robert Ochs

Description: The FAA will present the test data and analysis results to the United Nations Transport of Dangerous Goods Sub-Committee Informal Work Group on hazard-based classification of lithium batteries and cells during meetings held periodically throughout the year. The FAA will also participate in discussions addressing the best evaluation method of lithium batteries in order to classify the potential hazards.

Due Date: 09/30/23

23Sr.13D - Internal Activity: Safe Installation and Operation of New High Voltage Electric Aircraft Systems

Owner: Dave Atwood

Description: The aerospace industry has been replacing traditional electrical systems with high voltage systems to improve efficiency, reliability, and maintainability. This concept is called All Electric aircraft. The change in aircraft large electrical loading will have far-reaching implications for the electrical generation and storage system. This research will produce reports to develop FAA regulatory standards, associated guidance and policy material as well as industry standards for aircraft electrical systems.

23Sr.13D1 - Internal Target: Conduct Baseline Tests for High Voltage Electric Propulsion Networks

Owner: Dave Atwood

Description: The testing campaign will evaluate a range of system voltages up to 1000 volts with varying system architecture, materials, and ambient temperature. Desired findings are to understand which set of conditions cause incipient partial discharge and sustained partial discharge.

Due Date: 09/30/23

23Sr.13D2 - Internal Target: Interim Report on Environmental Effects in High Voltage Electric Propulsion Networks

Owner: Dave Atwood

Description: This work will document the experimental findings of the effects of temperature, pressure and humidity on electrical distribution networks up to 1000V. The environmental effects on individual components and on the combined system will be explored. The interim report will be provided to AIR-623 to support the revision of guidance for high voltage electrical wiring interconnect systems.

Due Date: 09/30/23

23Sr.13E - Internal Activity: Nickel Superalloy Engine Fragment Impact and Containment

Owner: Dave Atwood

Description: Inconel 718 is a commonly used nickel superalloy in turbine engines. Its distinct material properties make predicting the fragmentation and containment of debris a challenge when engine components break apart. Mechanical tests and simulations will be conducted to better understand Inconel 718 fracture and the resulting engine fragment impact. Simulations will be performed using the material model MAT224 in LS-DYNA commercial finite element software – an analysis tool widely used by the aerospace industry to simulate engine fragment impact and demonstrate containment as part of certification compliance.

23Sr.13E1 - Internal Target: Inconel 718 testing

Owner: Dave Atwood

Description: Complete Inconel 718 testing and publish FAA test reports. Dynamic coupon level mechanical tests are required to build the MAT224 inputs which include strain and temperature dependent material property changes as well as state-of-stress dependent ductile fracture. Ballistic impact tests have been conducted working with NASA Glenn Research Center.

Due Date: 07/30/23

23Sr.13E2 - Internal Target: Inconel 718 MAT224 material model

Owner: Dave Atwood

Description: Publish Inconel 718 MAT224 material model to LS-DYNA Aerospace Working Group external website. Publish FAA reports detailing model development and simulation results.

Due Date: 09/30/23

23Sr.13F - Internal Activity: Understand Integrated Flight and Propulsion Control in New Air Vehicles

Owner: Dave Atwood

Description: New Air Vehicles, such as Electric Vertical Takeoff and Landing (eVTOL), have integrated propulsion and flight controls. This is known as Distributed Electrical Propulsion (DEP). Virtual tests will be performed using a DEP prototype to characterize the stability, performance, and control. The research supports certification and methods of compliance for eVTOL vehicles.

23Sr.13F1 - Internal Target: Conduct Simulation and Test for a Proposed Certification Approach for Integrated Flight and Propulsion Control in New Air Vehicles

Owner: Mike Paglione

Description: Conduct Distributed Electrical Propulsion (DEP) unit modeling and simulation, including virtual tests, to characterize the stability, performance, and power margin of the vehicle with respect to the control strategy used.

Due Date: 06/30/23

23Sr.13F2 - Internal Target: Integrate Results of Simulation and Test into a Proposed Certification Approach for Integrated Flight and Propulsion Control in New Air Vehicles

Owner: Mike Paglione

Description: Document the quantitative test results for the modeling, simulation, and virtual testing of Distributed Electrical Propulsion (DEP) vehicles. This includes the findings and metrics needed to develop proposed regulations and means of compliance for Urban Air Mobility (UAM) and Electric Vertical Takeoff and Landing (eVTOL) vehicles.

Due Date: 09/30/23

23Sr.13G - Internal Activity: Improve Go-Around Safety Procedures for Passenger Aircraft

Owner: Dave Atwood

Description: A go-around (missed approach) is conducted when it is unsafe to land due to hazardous runway or aircraft approach conditions. Go-arounds procedures are not always executed by pilots when required due to a lack of pilot training or difficulties in following the existing procedures. This research will design, conduct, and document a human-in-the-loop experiment to evaluate the effectiveness of training and procedure improvement for go-arounds. The results will be used to improve pilot guidance and to mitigate safety risks.

23Sr.13G1 - Internal Target: Design Experiment for the Improving Go-Around Safety Human-In-The-Loop Study

Owner: Mike Paglione

Description: Design and plan human-in-the-loop experiment evaluating the effectiveness of a training or procedure improvement for go-arounds.

Due Date: 06/30/23

23Sr.13G2 - Internal Target: Data Collection of the Improving Go-Around Safety Human-In-The-Loop Study

Owner: Mike Paglione

Description: Conduct and complete data collection of the go-around human-in-the-loop experiment, including objective data from the simulator and subjective data through questionnaires and/or participant interviews.

Due Date: 09/30/23

23Sr.14 - Internal Initiative: Enterprise and NextGen (ANG) Safety Management Systems

Owner: Gregory Burke

Description: Conduct integrated safety assessment to determine National Airspace System (NAS) enterprise safety risk and develop safety requirements for mitigating potential hazards and improving safety benefit of the NAS modernization.

23Sr.14A - Internal Activity: Conduct Safety Risk Management

Owner: John Chung

Description: This is on ongoing effort for improving Nextgen (ANG)'s Safety Risk Management (SRM) practices for better utilizing quantitative data and incorporating system of systems framework.

23Sr.14A1 - Internal Target: Conduct Safety Risk Assessments for Supporting at Least Two Safety Risk Management (SRM) Panels Using the Hazard Enterprise Assessment Tool (HEAT)

Owner: Young Lee

Description: Validate the operational use case of the Hazard Enterprise Assessment Tool (HEAT) and support Federal Aviation Administration (FAA)'s Safety Risk Management (SRM) practices through data-driven, model-based risk analysis methodologies.

Due Date: 09/30/23

23Sr.14A2 - Internal Target: Develop and Refine Requirements for Hazard Enterprise Assessment Tool (HEAT) v3.0 Based on Lessons Learned

Owner: Young Lee

Description: Refine the functional requirements for enhancing the user experiences based on lessons learned from conducting Safety Risk Management (SRM) assessments.

Due Date: 06/30/23

23Sr.14A3 - Internal Target: Socialize the Hazard Enterprise Assessment (HEAT) Tool 3.0 Lessons Learned with Nextgen (ANG) Safety Stakeholder

Owner: Young Lee

Description: Hold a Hazard Enterprise Assessment Tool (HEAT) stakeholder outreach to brief the lessons learned and solicit feedback for HEAT 3.0.

We will hold the stakeholder review meeting after we finish collecting and refining the requirements for the next iteration of the HEAT. This is currently projected to take place sometime in July timeframe. We will use the stakeholder feedback to prioritize the requirements.

Due Date: 07/31/23

23Sr.15 - Internal Initiative: Enterprise Cyber Support for National Airspace System

Owner: Gregory Burke

Description: Provide cyber testing capability to improve the cybersecurity posture of the FAA systems integrity, confidentiality, and availability.

23Sr.15A - Internal Activity: Test and Evaluate Federal Aviation Administration (FAA) Critical Systems

Owner: John Chung

Description: This is a recurring activity that is required for Federal Aviation Administration (FAA) systems that are designated High Value Assets (HVA) for the agency. Information Security Branch, ANG-B31 is working to increase the number of Pen-tests for FY23 to improve the security posture of HVA systems.

23Sr.15A1 - Internal Target: Enhance Penetration Test Standard Operating Procedures to Support FAA High Value Assets Test

Owner: Ruben Bigio

Description: Document lessons-learned, programmatic requirements, and tools into the Penetration Test Standard Operating Procedures (SOP).

Due Date: 08/31/23

23Sr.15A2 - Internal Target: Conduct Pen-Test on Federal Aviation Administration (FAA) High Value Asset (HVA) Systems

Owner: Ruben Bigio

Description: These tests are coordinated/scheduled by the Office of Information Security and Privacy (AIS) and the system owners of High Value Asset (HVA) systems throughout FY23.

Due Date: 09/30/23

23Sr.15A3 - Internal Target: Provide Yearly Penetration Test Report to High Value Asset (HVA) Sponsor

Owner: Ruben Bigio

Description: Develop report for all the High Value Asset (HVA) tests conducted in FY23 containing metrics, findings, and recommendations.

Due Date: 09/30/23

23Sr.15B - Internal Activity: Reduce Research and Development Domain Cyber Risks

Owner: John Chung

Description: Collaborate with system owners of the research and development (R&D) domain to reduce information technology assets cyber risks.

23Sr.15B1 - Internal Target: Enhance Information Security Monitoring and Detection Capabilities in the Research and Development Domain

Owner: Ruben Bigio

Description: Install and configure the Cyber Threat Model tool in the NextGen Prototyping Network (NPN) Network Operations Center to support cyber activities.

Due Date: 03/03/23

23Sr.15B2 - Internal Target: Enhance Vulnerability Management Capability in the Research and Development (R&D) Domain

Owner: Ruben Bigio

Description: Develop and test use cases to verify operation of the Cyber Threat Model tool in the NextGen Prototyping Network (NPN) Network Operations Center.

Due Date: 05/31/23

23Sr.15B3 - Internal Target: Enhance Reporting Capabilities in the Research and Development (R&D) Domain to Comply with Cyber Inquiries from Department of Transportation (DOT) Security Operations Center (SOC), and Office of Management and Budget (OMB)

Owner: Ruben Bigio

Description: Use the Cyber Threat Model tool to support data-calls and vulnerability management reporting. Develop templates of the reports to support data-calls and vulnerability management reporting.

Due Date: 08/31/23

23Sr.15C - Internal Activity: Define International Civil Aviation Organization (ICAO) Trust Framework Organizational Alternatives

Owner: John Chung

Description: The Zero Trust Architecture (ZTA) will support agency enterprise adaptation of Zero Trust paradigm from concept to architectural design and technical implementation requirements.

23Sr.15C1 - Internal Target: Develop Zero Trust Micro-segementation Evaluation Plan

Owner: Ruben Bigio

Description: Document a microsegementation deployment approach in an evaluation test plan that meets the zero trust architecture requirements for the Mission Essential operating environment.

Due Date: 06/30/23

23Sr.15C2 - Internal Target: Develop Zero Trust Identity Access and Authorization Evaluation Plan

Owner: Ruben Bigio

Description: Document a directory deployment approach in an evaluation test plan that meets the zero trust architecture requirements for the Mission Essential operating environment.

Due Date: 06/30/23

23Sr.15C3 - Internal Target: Develop Zero Trust Risk Score Evaluation Plan

Owner: Ruben Bigio

Description: Document a device risk score capability deployment and integration approach in an evaluation test plan that meets the zero trust architecture requirements for the Mission Essential operating environment.

Due Date: 09/30/23

23Sr.16 - Internal Initiative: Emerging Risks Management Framework

Owner: Tonya Coultas

Description: Collaboratively establish and implement a data-driven, risk management framework to identify existing and emerging risks relevant to ASH's portfolio, which prioritizes them in order of their potential impact, and assigns strategies for their elimination, mitigation, or maintenance.

23Sr.16B - Internal Activity: Threat Detection and Mitigation

Owner: Michelle Root

Description: The Office of Investigations and Professional Responsibility (AXI), identifies new and emerging threats and vulnerabilities and engages in operational activities to address emerging threats to aviation and FAA security by conducting risk management assessments, inquires, and operations. These assessments result in tailored mitigation strategies designed to enhance internal and external stakeholder security measures, using data to reduce trends that impact aviation safety and FAA security.

23Sr.16B1 - Internal Target: Threat Detection and Mitigation

Owner: Michelle Root

Description: Utilize trend analysis to analyze threats and/or vulnerabilities related to Defensive Counterintelligence, Insider Threat, International Travel Security, and general threat investigations. Publish a report semi-annually providing mitigation steps and recommendations towards reducing risks to FAA personnel and systems.

Due Date: 09/30/23

23Sr.16B2 - Internal Target: FAA Insider Threat Program

Owner: Michelle Root

Description: Enhance the capability to monitor and report on the effectiveness of the FAA Insider Threat program.
• Participate in National Insider Threat Task Force OPSEC Program Audit
• Provide a response to the findings by the final quarter of FY-23.
• Support Threat Assessment Panel discussions based upon established guidelines.
• Document panel results in BIMS.
• Build a business case to establish and standardize the agency's Threat Assessment process under ASH.
• Conduct 'Threat Assessment' trend analysis on a quarterly basis to forecast potential risks within the workplace.

Due Date: 09/30/23

23Sr.17 - Internal Initiative: Reduce Wake Turbulence Accidents and Incidents through Surveillance Program Collaboration

Owner: Jacki Pilot

Description: The FAA is committed to reducing wake turbulence accidents and incidents. The FAA's Air Traffic Safety Oversight Office (AOV) leads collaboration across Lines of Business to oversee surveillance and compliance with safety standards and safety management systems (SMS) in order to reduce wake turbulence accidents and incidents and promote safe and efficient operations.

23Sr.17A - Internal Activity: Wake Turbulence Surveillance Program Collaboration

Owner: Jacki Pilot

Description: Reduce wake turbulence accidents and incidents by engaging FAA leadership and wake turbulence surveillance program teams.

23Sr.17A1 - Internal Target: Wake Turbulence Mitigation

Owner: Jacki Pilot

Description: Reduce Wake Turbulence events by engaging with ATO, AVS, and ANG Wake Turbulence Surveillance Program teams (Wake Work Group, Wake Incident Team (WIT), and Future Executive Wake Workgroup).

Due Date: 09/30/23

23Sr.18 - Internal Initiative: Utilize Predictive Data Analytics to Proactively Identify and Take Action to Reduce Emerging Safety Risk

Owner: Kimberly Pyle

Description: Utilize Predictive Data Analytics to Proactively Identify and Take Action to Reduce Emerging Safety Risk

23Sr.18A - Internal Activity: Define an enterprise-level process utilizing data for determining and re-evaluating safety measures for a 21st century NAS.

Owner: ODell Johnson

Description: Define a transparent and repeatable process to determine enterprise-level safety measures using a holistic approach that considers potential risks and hazards not previously prioritized as contributing to safety.

23Sr.18A1 - Internal Target: Develop a Workflow That Demonstrates Viability For The Safety Measure Nomination Process

Owner: ODell Johnson

Description: For selected use case(s), determine how to align enterprise-level goals with the safety measures nominated by the relevant LOB's and S/O's. Demonstrate how this alignment supports project-level decision making, informs enterprise-level goals and highlights risks and hazards not previously prioritized as contributing to safety. Output will be a white paper outlining how Performance Management at the Enterprise Level could be achieved.

Due Date: 09/30/23

23Sr.18B - Internal Activity: Support FAA's strategy and DOT's long range strategic plan for advance analytics development in the NAS.

Owner: Sara Rodriguez

Description: Work closely with the Chief Data Office and engage with aviation analysts across all Lines of Business (LOBs) and Staff Offices (SOs) to propose tactical and policy-driven recommendations while identifying scalable use cases that aid in the development of a new FAA Artificial Intelligence (AI) and Machine Learning (ML) strategy.

23Sr.18B1 - Internal Target: Enhance Repository for Predictive Analytics Use Cases

Owner: John Bautista

Description: Provide an analysis of the collection of use cases for purpose, scope, capabilities, and limitations while maintaining the active inventory repository through continuous monitoring, collaboration, and evaluation. Document and socialize how use cases align with tactical processes and technical applications for reference and input into the FAA AI/ML strategy.

Core Coordinated: Agreed

Due Date: 09/30/23

23Sr.19 - Internal Initiative: Alaska Safety Initiative

Owner: Michael O'Hare

Description: Reduce the fatal and serious accident rate in the State of Alaska with emphasis on Part 135 air carrier accidents.

23Sr.19A - Internal Activity: FAASI FY22 Final Report and FY23 Roadmap

Owner: Michael O'Hare

Description: The FAASI Tiger Team will collaborate across LOBs to publish the FY22 final report and FY23 Roadmap in one combined document.

23Sr.19A1 - Internal Target: Publish FAASI FY22 Final Report and FY23 Roadmap

Owner: Michael O'Hare

Description: Publish the FAASI FY22 final report and the FY23 Roadmap in one document.

Due Date: 02/17/23

23Sr.19A2 - Internal Target: External Stakeholder Engagement and Feedback

Owner: Michael O'Hare

Description: Include External Stakeholder Feedback Sessions in FY23 FAASI report

Due Date: 09/30/23

23Sr.20 - Internal Initiative: Refine Regulatory Oversight to Address New and Evolving risks

Owner: Daniel Murray

Description: AST will continue to maintain the U.S. commercial space transportation safety record during licensed or permitted space launch and reentry activities in accordance with the public safety criteria of FAA regulations.

To date, AST's safety record has been nearly perfect. However, commercial space operators and operations continue to evolve and present new challenges to the way AST conducts oversight. In order to maintain pace with the cadence and complexity of the innovation of commercial space operations while maintaining our safety focus and safety record, AST will collect data to analyze evolving and emerging risks arising from innovation and changes to the operational environment. Based on the findings, AST will adapt its safety policies, safety analyses, airspace coordination, and compliance monitoring and enforcement to address these risks.

23Sr.20A - Internal Activity: Identify and Prioritize Existing and Evolving Risks

Owner: Michelle Murray

Description: AST will verify that the risks to public safety and the safety of property comply with FAA regulations during AST authorized activities.

23Sr.20A1 - Internal Target: Licensed and Permitted Launch and Reentry Safety

Owner: Michelle Murray

Description: No fatalities, serious injuries, or significant property damage to the uninvolved public during licensed or permitted space launch and reentry activities.

Due Date: 09/30/23

23Sr.20C - Internal Activity: Potential Emerging Safety: LOX/Methane

Owner: Brian Rushforth

Description: Improve the ability to identify and assess safety risks through advanced analytics.

23Sr.20C1 - Internal Target: LOx/Methane Testing

Owner: Brian Rushforth

Description: Complete remaining seven tests for LOX/Methane Study.

Due Date: 09/30/23

23Sr.20C2 - Internal Target: LOX/Methane analysis

Owner: Paul Wilde

Description: Analyze LOX/Methane test results to determine how they can be used in the evaluation of launch license applications that involve vehicles that utilize these propellants.

Due Date: 09/30/23

23Sr.20D - Internal Activity: Enhance Risk-Based Inspection Criteria

Owner: Marcus Ward

Description: Enhance risk-based inspection criteria to allow AST to allocate safety inspection resources more efficiently for established launch operations.

23Sr.20D1 - Internal Target: Risk-Based Inspection Criteria for Space Launch Operations

Owner: Marcus Ward

Description: Modify risk-based inspection criteria to allow for established launch operations to be on-going without a safety inspector on site for operations.

Due Date: 09/30/23

23Sr.24 - Internal Initiative: Separation Standards and Analysis

Owner: Paula Nouragas

Description: Provide separation standards and analysis for U.S sovereign airspace and international airspace where FAA has delegated authority to provide air traffic services.

23Sr.24A - Internal Activity: Provide Analytical Studies and Safety Related Monitoring Services in Support of Separation Reductions

Owner: Paula Nouragas

Description: Conduct and participate in separation standards and transportation system analytical studies, reviews, and meetings to provide recommendations and solutions to continually improve safety in the National Airspace System (NAS).

23Sr.24A1 - Internal Target: Attend and Report at the International Civil Aviation Organization (ICAO) Separation and Airspace Safety Panel (SASP)

Owner: John Warburton

Description: Report on key Separation and Airspace Safety Panel initiatives significant to the FAA. Initiatives include refining the concept of operations details for the Target-to-Target radial separation standard, coordination of Connected Aircraft concepts such as Pairwise Trajectory Management (PTM), Space-Based Automatic Dependent Surveillance-Broadcast (SBA), and studies of maximum risk scenario included within existing separation standards.

Due Date: 06/30/23

23Sr.24A2 - Internal Target: Attend and report at the International Civil Aviation Organization (ICAO) Regional Airspace Safety Monitoring Advisory Group (RASMAG)

Owner: John Warburton

Description: Provide yearly calculated risk data for the vertical and horizontal standards for Oakland and Anchorage oceanic airspace, identifying any significant trends.

Due Date: 07/31/23

23Sr.24B - Internal Activity: Monitor Reduced Vertical Separation Minimums

Owner: Paula Nouragas

Description: Provide the Reduced Vertical Separation Minimum (RVSM) Regional Monitoring Agency (RMA) functions for two RMAs. Provide details of the US monitoring programs, safety reports, and yearly audit results. Share Altimetry System Error (ASE) and Assigned Altitude Deviation (ADD) software to assist other RMAs.

23Sr.24B1 - Internal Target: Attend and report at the International Civil Aviation Organization (ICAO) Regional Monitoring Agency Coordination Group (RMACG)

Owner: John Warburton

Description: As the Regional Monitoring Agency Coordinating Group (RMACG) Chair, provide technical leadership on monitoring requirements and capability, and details of the US monitoring programs, safety reports, and yearly audit results.

Due Date: 06/30/23

23Sr.24B2 - Internal Target: Monitor and Share Reduced Vertical Separation Minimum (RVSM) Performance Results

Owner: John Warburton

Description: Calculate Altimetry System Error (ASE) and Assigned Altitude Deviation (ADD) data from domestic and international traffic within US airspace. Respond to flight plan audits from other Regional Monitoring Agencies (RMAs) regarding approved Reduced Vertical Separation Minimum (RVSM) capability. Conduct audits of aircraft filed capabilities for RVSM and Performance Based Communications and Surveillance (PBCS) against the approved capabilities identified in the RMA shared database.

Due Date: 09/30/23

23Sr.26 - Internal Initiative: Digital Systems and Technologies

Owner: Shelley Yak

Description: Conduct Digital Systems and Technologies research to ensure the continued safety and security of enabling systems and technologies.

23Sr.26A - Internal Activity: Assess the Safety of Artificial Intelligence/Machine Learning in Aircraft Software

Owner: Dave Atwood

Description: Artificial Intelligence/Machine Learning (AI/ML) is software that learns and changes over time. This research will assess whether current software verification and validation approaches can be used for AI/ML that is being proposed by industry stakeholders and potential applicants (e.g. aircraft manufacturers, avionics suppliers, industry associations). The results will be used for future FAA guidance, standards, certification, and to explore safety risk mitigation approaches.

23Sr.26A1 - Internal Target: Interim Report on the Assessment of AI/ML V&V technologies

Owner: Mike Paglione

Description: Document the assessment of the current verification and validation (V&V) technologies that can be used for artificial intelligence/machine learning (AI/ML) on aircraft software applications. Common AI/ML implementation technologies and their certification considerations are also explored and will be documented in this report.

Due Date: 09/30/23

23Sr.26A2 - Internal Target: Interim Report on the gaps and challenges and recommendation for AI/ML guidance and training

Owner: Mike Paglione

Description: Report on the identification of gaps and challenges with the current methods of verification and validation (V&V) for Artificial Intelligence/Machine Learning (AI/ML), including recommendations for the guidance of AI/ML assurance development, AI standardization, certification strategies, future policy/guidance, and training suggestions.

Due Date: 09/30/23

23Sr.26B - Internal Activity: Explore Artificial Intelligence/Machine Learning to Mitigate Cybersecurity Threats

Owner: Dave Atwood

Description: Artificial intelligence/machine learning (AI/ML) is software that learns and changes over time. This research will explore how prototype AI/ML tools may be used to mitigate cybersecurity threats to aircraft. A proof-of-concept demonstration, with industry collaboration feedback, will result in cybersecurity guidance, standards development, and best practices.

23Sr.26B1 - Internal Target: Application of Cyber Security Data Science (CSDS) AI/ML prototype tools to specific industry use case

Owner: Mike Paglione

Description: Conduct experiments using relevant algorithms and capability features for the prototype toolset, development of the toolset and then application of the toolset to an industry stakeholder use case.

Due Date: 10/31/22

23Sr.26B2 - Internal Target: Proof-of-Concept Demonstration to Industry

Owner: Mike Paglione

Description: Conduct demonstration that conveys lessons learned measuring the ability of the specific concepts to enhance the cybersecurity for the stakeholder-selected use cases. Feedback is also provided by the stakeholder that may possibly guide additional experimentation.

Due Date: 12/31/22

23Sr.26B3 - Internal Target: Proposed Guidance for Industry

Owner: Mike Paglione

Description: Document results from experimentation in form of industry guidance such as network architecture design, recommendations for standards development, data collection and formatting considerations, and best practices for application of Cyber Security Data Science (CSDS) and associated artificial intelligence/machine learning (AI/ML).

Due Date: 03/31/23

23Sr.28 - Internal Initiative: Metrics & Measurements

Owner: Gian Burdhimo

Description: Lead the ATO by producing actionable safety metrics that drive sustainable improvement in mitigations, and measuring the effect of those mitigations as they impact the NAS.

23Sr.28A - Internal Activity: Develop Safety Risk Metrics

Owner: Jerryl Bethea

Description: Develop advanced analytics to support effective risk management.

23Sr.28A1 - Internal Target: Deliver facility based safety risk metric

Owner: Jerryl Bethea

Description: Continue to develop and implement a safety risk metric at the facility level.
1. Q1 FY23 Safety Data Trending project implement data to support FSM
2. Q2 FY23 ARIA Preliminary Risk Assessment for context groupings
3. Q3 FY23 ARIA data refinement to interpret deviation from baseline

Due Date: 06/30/23

23Sr.28A2 - Internal Target: Enhance metrics past initial development phase

Owner: Jerryl Bethea

Description: Further develop and implement safety risk metrics more broadly and/or more in-depth.

Due Date: 09/30/23

23Sr.28B - Internal Activity: Provide Metric-driven Services with Risk-based Analysis

Owner: Jerryl Bethea

Description: Develop Metric-driven Services with Risk-based Analysis

23Sr.28B1 - Internal Target: Provide Metric-driven Services with Risk-based Analysis to AJI stakeholders

Owner: Jerryl Bethea

Description: As a service to identified AJI stakeholders, provide risk-based trend analysis and insights

Due Date: 03/31/23

23Sr.28B2 - Internal Target: Enhance metrics past initial development phase

Owner: Jerryl Bethea

Description: As a service to identified AJI stakeholders, provide risk-based trend analysis and insights.

Due Date: 09/30/23

23Sr.28C - Internal Activity: Maintain and update DOT KPI metric

Owner: Jerryl Bethea

Description: Develop, Maintain and Update DOT KPI Metrics and Public Facing Metrics for AJI.

23Sr.28C1 - Internal Target: Apply Approved SSM/ASM Safety Performance Targets

Owner: Jerryl Bethea

Description: Implement new SSM/ASM Safety Performance Targets in reporting channels
1. Q1 FY23 Integrate new weightings associated with OG-approved SSM SPT and for ASM

2. Q2 FY23 Monthly reporting with new SSM SPT and new weightings for SSM/ASM
3. Q3 FY23 Monthly reporting with new SSM SPT and new weightings for SSM/ASM
4. Q4 FY23 Re-evaluate ASM SPT and associated weightings

Due Date: 09/30/23

23Sr.28C2 - Internal Target: Manage Safety Risk Indices

Owner: Jerryl Bethea

Description: Manage Commercial and Non-Commercial Surface Safety Risk Index and Commercial and Non-Commercial Airborne Safety Risk Index

Due Date: 09/30/23

23Sr.28D - Internal Activity: Surface Safety Risk

Owner: Jerryl Bethea

Description: The Surface Safety Metric represents the weighted risk of all incidents and accidents on the runway or taxiway surface. A reduction in the Surface Safety Metric score is an indication of overall safety performance improvements for the flying public in the surface environment.

23Sr.28D1 - Internal Target: Manage Commercial Surface Safety Risk Index

Owner: Jerryl Bethea

Description: Maintain the weighted surface safety risk index at or below 0.38 per million operations for Commercial Aviation.

Due Date: 09/30/23

23Sr.28D2 - Internal Target: Manage Non-Commercial Surface Safety Risk Index

Owner: Jerryl Bethea

Description: Maintain the weighted surface safety risk index at or below 1.39 per million operations for Non-Commercial Aviation.

Due Date: 09/30/23

23Sr.29 - Internal Initiative: Advanced Data Systems and Analytics

Owner: Donald McNeill

Description: Identification of hidden aviation risk by creating a better understanding and application of available aviation data. Laying the foundation for machine learning and artificial intelligence to become a smarter organization.

23Sr.29A - Internal Activity: Advanced Analytics

Owner: Donald McNeill

Description: Develop advanced analytics to support effective risk management.

23Sr.29A1 - Internal Target: Integration of SSM with Surface ARIA

Owner: Ronald Bollschweiler

Description: Develop logic and a working code for integration of Surface ARIA with SSM. Work with AJI-1 and identify the type of events and ARIA score thresholds to incorporate into the SSM as a replacement and/or supplement to the SSM risk index.

Due Date: 06/30/23

23Sr.29A2 - Internal Target: UAS Risk Analysis

Owner: Gerald Pilj

Description: Collaborate with APO-100 and MITRE and develop the system requirements to transition the risk assessment capabilities to a web-based platform and explore the viability of integrating with the FAA's GLARE tool with graphical interface capabilities to depict drone operation areas. Develop Training package on the use of MRAAT/URAAT – including likelihood calculation and identifying common mistakes by collaborating with AJI 31.

Due Date: 09/30/23

23Sr.29A3 - Internal Target: Voice Technology

Owner: Igor Filippov

Description: Coordinate and monitor the completion of the transition effort of MITRE voice technology stack to EIM production environment and the refinements of the transcription capabilities and context/dialogue modelling. Develop downstream ML models leveraging the transcribed data to help improve risk-based decision making.

Due Date: 06/30/23

23Sr.29A4 - Internal Target: ARIA Improvements – Collision Probability

Owner: Jingshu Wu

Description: Explore methods for extending ARIA to produce collision risk probabilities/likelihood to align with the use of ATO's SMS processes and document the procedures in a technical report as implementation recommendations.

Due Date: 09/30/23

23Sr.29A5 - Internal Target: ARIA Improvements – Operation Parameters

Owner: Pradip Som

Description: Explore ML solutions to enrich ARIA output to help contextualize operational parameters, such as type of operations and environments, that help risk decision making and provide an implementation recommendations

Due Date: 09/30/23

23Sr.29A6 - Internal Target: Commercial Space

Owner: Corey Boyer

Description: Produce a report on the feasibility of the newly proposed AHA generation methodology by ANG for operational use and the related HRAM (decision support tool) capabilities and identify the necessary safety policy changes required to support it.

Due Date: 09/30/23

23Sr.29B - Internal Activity: Refine and Implement Analytics Tools

Owner: Donald McNeill

Description: Refine and implement data and analytics tools to support new entrants effective risk management.

23Sr.29B1 - Internal Target: Provide Accessible Metrics Through Intelligence Displays

Owner: Julia Schutter

Description: Refine current intelligence displays, such as the Runway Safety Dashboard and/or develop new displays to provide Air Traffic with easily accessible and digestible safety metrics information.

Due Date: 03/31/23

23Sr.29B2 - Internal Target: Document, Develop, and Implement Modernized Safety Data Collection Tools

Owner: Julia Schutter

Description: Establish sustainment plan for existing legacy data collection tools and implement the next generation of web based data collection tools such as the Runway Safety Tracking System (RSTS) and the Accident Package Generator (APG) 6.0.

Due Date: 09/30/23

23Sr.29C - Internal Activity: Safety Tools Functionality Enhancements

Owner: Donald McNeill

Description: Enhance safety tools platforms to incorporate innovative and modern data sources

23Sr.29C1 - Internal Target: CEDAR Sustainment

Owner: Jacob Osborne

Description: Document CEDAR and Falcon sustainment plans and tech refresh project plans timelines. These activities will include planned system changes to CEDAR production and development environments, contingency plan enhancement, and Safety Tool Personnel addition/backfill, and training. Deliverables will be presented during monthly AJI-3 Director briefings.

Due Date: 09/30/23

23Sr.29C2 - Internal Target: Safety Tools Functionality Enhancement for ARIA

Owner: Jacob Osborne

Description: Implement new Safety Tools functionality of Controlled Flight into Terrain (CFIT) and associated dashboards to both the live CEDAR Production environment and complete Airborne and Surface ARIA management to Federal governance

Due Date: 09/30/23

23Sr.30 - Internal Initiative: ATO Top 5 Safety Issues

Owner: Gian Burdhimo

Description: Identify, mitigate, and monitor five high-priority safety issues for the ATO, and to compel swift, cross-organizational, action in addressing them until safety risks are mitigated to an acceptable level of risk.

23Sr.30A - Internal Activity: ATO Top 5 Safety Issues Coordination and Mitigation

Owner: Lenworth Woolcock

Description: Identify and maintain a list of five high-priority safety issues for the Air Traffic Organization (ATO), supported by data, and to compel cross-organizational action in addressing them until safety risk is mitigated to an acceptable level.

23Sr.30A1 - Internal Target: Integrate Human Performance and Safety Culture into Mitigation Plans at the Local Levels for at least two Top 5 Safety issue.

Owner: Lenworth Woolcock

Description: Use human performance and safety culture approaches to assist at least four facilities in the identification and implementation of safety mitigations, through evaluation of contributing factors, to at least two of the ATO Top 5 safety Issues.

Due Date: 07/31/23

23Sr.30A2 - Internal Target: Evaluate and Maintain ATO Top 5 Safety Issues

Owner: Lenworth Woolcock

Description: At least two times in the year, evaluate each safety issue's need to be on the Top 5 through trend reporting, safety performance monitoring, and stakeholder feedback.

Due Date: 08/31/23

23Sr.30A3 - Internal Target: Top 5 Corrective Action Plan Implementation Through Collaboration Across the ATO

Owner: Lenworth Woolcock

Description: Implement 85% of approved mitigation activities in association with ATO's Top Five (5) identified trending safety issues in the National Airspace System (NAS).

Due Date: 09/30/23

23Sr.30A4 - Internal Target: Define Mitigation Activities for Inclusion in the Corrective Action Plan (CAP)

Owner: Lenworth Woolcock

Description: Develop a draft CAP document and initiate approval of the updated plans, which define activities for mitigating the Top 5 upcoming fiscal year.

Due Date: 09/30/23

23Sr.33 - Internal Initiative: System Approach for Safety Oversight (SASO)

Owner: Jere Hayslett

Description: The SASO Program is a multi-phase effort that transforms FAA Flight Standards Service (FS) and aviation industry business processes to a national standard of system safety based upon International Civil Aviation Organization (ICAO) Safety Management System (SMS) principles. Phase 1, a planning and engineering phase, tested system safety concepts, specifically with respect to the air carrier industry. Phase 2 implemented the Safety Assurance System (SAS), a risk-based decision making tool incorporating system safety principles to assist in regulatory oversight responsibilities of the aviation industry. Phase 3 expands the SAS functional capabilities by adding Activity Recording (replacing PTRS for all 14 CFR parts) and Office Workload List (OWL), a workload management tool; develops the Risk Assessment Profile Tool used to quantify safety risk and assist in prioritizing oversight; automates the application process; implements coordination in oversight of repair stations; extends safety oversight of 14 CFR parts 141, 142, and 147 schools; and includes industry outreach and familiarization efforts to more fully synchronize FS and industry in understanding system safety.

23Sr.33A - Internal Activity: Deploy System Approach for Safety Oversight (SASO) Phase 3, A25.02-02

Owner: Linda Suppan

Description: System Approach for Safety Oversight (SASO) deployment of Safety Assurance System Final Operational Capability (FOC).

23Sr.33A1 - Internal Target: System Approach for Safety Oversight (SASO) Phase 3 - Safety Assurance System Final Operational Capability (FOC).

Owner: Linda Suppan

Description: System Approach for Safety Oversight (SASO) Phase 3 - Safety Assurance System Final Operational Capability (FOC).

Due Date: 05/31/23

23Sr.33B - Internal Activity: System Approach for Safety Oversight (SASO) Phase 4, A25.02-03

Owner: Linda Suppan

Description: System Approach for Safety Oversight (SASO) Phase 4, A25.02-03

23Sr.33B1 - Internal Target: System Approach for Safety Oversight (SASO) Phase 4 - Mobile Devices/IT Enhancements Part A Component Integration Test (CIT) Complete.

Owner: Linda Suppan

Description: System Approach for Safety Oversight (SASO) Phase 4 - Mobile Devices/IT Enhancements Part A Component Integration Test (CIT) Complete.

Due Date: 12/31/22

23Sr.33B2 - Internal Target: System Approach for Safety Oversight (SASO) Phase 4 - Wave 1 First Site Acceptance Test (SAT) Complete.

Owner: Linda Suppan

Description: System Approach for Safety Oversight (SASO) Phase 4 - Wave 1 First Site Acceptance Test (SAT) Complete.

Due Date: 08/31/23

23Sr.34 - Internal Initiative: Configuration, Logistics, and Maintenance Resource Solutions (CLMRS)

Owner: Jere Hayslett

Description: Configuration, Logistics, and Maintenance Resource Solutions (CLMRS)

23Sr.34A - Internal Activity: Configuration Management Automation (CMA) Phase 1

Owner: Syed Tahmid

Description: Configuration Management Automation (CMA) Phase 1

23Sr.34A1 - Internal Target: Configuration Management Automation (CMA) Phase 1 - Complete Build 2 Development Testing (DT).

Owner: Syed Tahmid

Description: Configuration Management Automation (CMA) Phase 1 - Complete Build 2 Development Testing (DT).

Due Date: 03/31/23

23Sr.34A2 - Internal Target: Configuration Management Automation (CMA) Phase 1 - Complete Build 2 Operational Testing (OT).

Owner: Syed Tahmid

Description: Configuration Management Automation (CMA) Phase 1 - Complete Build 2 Operational Testing (OT).

Due Date: 05/31/23

23Sr.34A3 - Internal Target: Configuration Management Automation (CMA) Phase 1 - Declare Full Operational Capability (FOC).

Owner: Syed Tahmid

Description: Configuration Management Automation (CMA) Phase 1 - Declare Full Operational Capability (FOC).

Due Date: 06/30/23

23Sr.34B - Internal Activity: Automated Maintenance Management System (AMMS), M07.05-02

Owner: Syed Tahmid

Description: Automated Maintenance Management System (AMMS), M07.05-02

23Sr.34B1 - Internal Target: Automated Maintenance Management System (AMMS) Phase 1 - Second Epic Complete - Deployment of Initial TechOps Activities Portal (TAP) App (iOS).

Owner: Syed Tahmid

Description: Automated Maintenance Management System (AMMS) Phase 1 - Second Epic Complete - Deployment of Initial TechOps Activities Portal (TAP) App (iOS).

Due Date: 06/30/23

23Sr.34C - Internal Activity: eLCSS Enhancement Excess Material, M21.04-02

Owner: Syed Tahmid

Description: eLCSS Enhancement Excess Material, M21.04-02

23Sr.34C1 - Internal Target: System Requirements Design and Planning Complete.

Owner: Syed Tahmid

Description: System Requirements Design and Planning Complete.

Due Date: 01/31/23

23Sr.35 - Internal Initiative: Analytical Tool Development

Owner: Jere Hayslett

Description: Facilitate the development, design, integration, and implementation of tools to improve analytical capabilities by supporting risk-analysis, assessment, tracking, and monitoring processes.

23Sr.35A - Internal Activity: Operational Analysis And Reporting System (OARS) Phase 1, M08.32-04

Owner: Kevin Bobsein

Description: Operational Analysis And Reporting System (OARS) Phase 1, M08.32-04

23Sr.35A1 - Internal Target: Operational Analysis And Reporting System (OARS) Phase 1 - System Integration Testing (SIT) completed.

Owner: Kevin Bobsein

Description: Operational Analysis And Reporting System (OARS) Phase 1 - System Integration Testing (SIT) completed.

Due Date: 12/31/22

23Sr.37 - Internal Initiative: Aeronautical Information Management (AIM)

Owner: Melissa Matthews

Description: The AIM Modernization program will provide aviation users with digital aeronautical information that conforms to international standards and supports Next Generation Air Transportation System (NextGen) objectives.

23Sr.37A - Internal Activity: Federal Notices to Airmen (NOTAM) System (FNS) Sustainment

Owner: Melissa Matthews

Description: Federal Notices to Air Missions (NOTAM) System (FNS) Sustainment

23Sr.37A1 - Internal Target: Federal Notices to Air Missions (NOTAM) System (FNS) Sustainment 1

Owner: Melissa Matthews

Description: Complete the Federal NOTAM System (FNS) Sustainment Release two (2) Critical Design Review (CDR). (CAM Goal)

Due Date: 03/31/23

23Sr.38 - Internal Initiative: Common Support Services Weather (CSS-Wx)

Owner: Steve Kim

Description: Common Support Services - Weather (CSS-Wx) will be the single source of FAA weather information and establishes enterprise level common support services within the National Airspace System (NAS). CSS-Wx Improves weather information management and user access; provide new interface standards and formats.

23Sr.38A - Internal Activity: Common Support Services Weather (CSS-Wx)

Owner: Steve Kim

Description: Common Support Services - Weather (CSS-Wx) will be the single source of FAA weather information and establishes enterprise level common support services within the National Airspace System (NAS). CSS-Wx Improves weather information management and user access; provide new interface standards and formats.

23Sr.38A1 - Internal Target: Common Support Services - Weather (CSS-Wx)

Owner: Steve Kim

Description: Release Two (2) Integration Testing completed. (CAM Goal)

Due Date: 05/31/23

23Sr.39 - Internal Initiative: Next Generation Weather Processor (NWP)

Owner: Steve Kim

Description: NextGen Weather Processor (NWP) Work Package 1 Increases NAS efficiency and safety by improving weather product generation, translation, and display for aviation weather users

23Sr.39A - Internal Activity: NextGen Weather Processor (NWP) Work Package 1

Owner: Steve Kim

Description: NextGen Weather Processor (NWP) Work Package 1 Increases NAS efficiency and safety by improving weather product generation, translation, and display for aviation weather users

23Sr.39A1 - Internal Target: NextGen Weather Processor (NWP) Work Package 1

Owner: Steve Kim

Description: Next Generation Weather Processor (NWP)-Aviation Weather Display (AWD) Candidate Release Test (CRT) completed. (CAM Goal)

Due Date: 09/30/23

23Sr.44 - Internal Initiative: Potential/Emerging Safety Issues

Owner: Kimberly Pyle

Description: Improve the ability to identify and assess safety risks through advanced analytics.

23Sr.44A - Internal Activity: Potential/Emerging Safety Issues

Owner: Paula Martinez

Description: Improve the ability to identify and assess safety risks through advanced analytics.

23Sr.44A1 - Internal Target: Potential/Emerging Safety Issues (AVP)

Owner: Paula Martinez

Description: Screen potential/emerging safety issues through the FAA Safety Issue Identification and Management Process and submit draft FY2023 Annual FAA Safety Issue Screening Report to the FAA SMS Committee.

Due Date: 09/30/23

23Sr.44A2 - Internal Target: Potential/Emerging Safety Issues (AST)

Owner: James Hatt

Description: Screen potential/emerging safety issues through the FAA Safety Issue Identification and Management Process and submit draft FY2023 Annual FAA Safety Issue Screening Report to the FAA SMS Committee.

Core Coordinated: Agreed

Due Date: 09/30/23

23Sr.44A3 - Internal Target: Potential/Emerging Safety Issues (ARP)

Owner: Birkely Rhodes

Description: Screen potential/emerging safety issues through the FAA Safety Issue Identification and Management Process and submit draft FY2023 Annual FAA Safety Issue Screening Report to the FAA SMS Committee.

Core Coordinated: Agreed

Due Date: 09/30/23

23Sr.44A4 - Internal Target: Potential/Emerging Safety Issues (AXH)

Owner: Andrea Giordani

Description: Screen potential/emerging safety issues through the FAA Safety Issue Identification and Management Process and submit draft FY2023 Annual FAA Safety Issue Screening Report to the FAA SMS Committee.

Core Coordinated: Agreed

Due Date: 09/30/23

23Sr.44A5 - Internal Target: Potential/Emerging Safety Issues (AJI-3)

Owner: Gregory Pray

Description: Screen potential/emerging safety issues through the FAA Safety Issue Identification and Management Process and submit draft FY2023 Annual FAA Safety Issue Screening Report to the FAA SMS Committee.

Core Coordinated: Agreed

Due Date: 09/30/23

23Sr.44A6 - Internal Target: Potential/Emerging Safety Issues (ANG)

Owner: Young Lee

Description: Screen potential/emerging safety issues through the FAA Safety Issue Identification and Management Process and submit draft FY2023 Annual FAA Safety Issue Screening Report to the FAA SMS Committee.

Core Coordinated: Agreed

Due Date: 09/30/23

23Sr.45 - Internal Initiative: Commercial Air Carrier Fatality Rate

Owner: Kimberly Pyle

Description: Reduce the commercial air carrier fatalities per 100 million persons on board U.S. carriers by 50% over 18-year period - FY 2008-2025. Target for FY 2023 is 4.9.

23Sr.45A - Internal Activity: Commercial Air Carrier Fatality Rate

Owner: Kimberly Pyle

Description: Reduce the commercial air carrier fatalities per 100 million persons on board U.S. carriers by 50% over 18-year period – FY 2008-2025.

23Sr.45A1 - Internal Target: Commercial Air Carrier Fatality Rate

Owner: Kimberly Pyle

Description: Reduce the commercial air carrier fatalities to no more than to 4.9 per 100 million persons on board U.S. carriers in FY 2023.

Due Date: 09/30/23

23Sr.46 - Internal Initiative: General Aviation Fatal Accident Rate

Owner: Kimberly Pyle

Description: Reduce the general aviation fatal accident rate to no more than 0.89 fatal accidents per 100,000 flight hours by 2028. FY 2023 Target: 0.94

23Sr.46A - Internal Activity: General Aviation Fatal Accident Rate

Owner: Kimberly Pyle

Description: Reduce the general aviation fatal accident rate per 100,000 flight hours by 10% over a 10-year period – FY 2019-2028.

23Sr.46A1 - Internal Target: General Aviation Fatal Accident Rate

Owner: Kimberly Pyle

Description: Reduce the general aviation fatal accident rate to no more than 0.94 per 100,000 flight hours in FY 2023.

Due Date: 09/30/23

23Sr.54 - Internal Initiative: Aviation Safety Information and Sharing (ASIAS)

Owner: Kimberly Pyle

Description: Improve agency ability to identify and assess safety risks through advanced analytics.

23Sr.54A - Internal Activity: Aviation Safety Information and Sharing (ASIAS)

Owner: Scott LeMay

Description: Support ASIAS expansion for data analysis function.

23Sr.54A1 - Internal Target: Develop a prototype safety metric to address risk of loss-of-control for rotorcraft.

Owner: Scott LeMay

Description: Develop a safety metric to support analysis for an ASIAS study on rotorcraft loss-of-control.

Due Date: 09/30/23

23Sr.59 - Internal Initiative: Human and Aeromedical Factors

Owner: John Maffei

Description: Conduct Human and Aeromedical Factors research to address human-system interactions in an evolving NAS as well as the impact of flight on humans.

23Sr.59A - Internal Activity: Flight Deck Impacts of NextGen Operations Enabled by Instrument Flight Procedures and Manual Flight Operations

Owner: Tara Gibson

Description: Research and data collection will be carried out to inform human-factors (HF) regulations and guidance material. Selected highlights across the aviation HF domain include (1) HF assessments of new PBN implementations, (2) evaluation considerations for connected flight deck technologies, and (3) manual flight operations reference material for the Flight Standards Office (AFX).

23Sr.59A1 - Internal Target: Complete connected flight deck technologies research plan

Owner: Tara Gibson

Description: The research plan will identify research to inform human factors design evaluation considerations for crew information systems in a transport category aircraft during Part 121/135 flight operations and impacts to pilots on how to maintain manual flight operation (MFO) proficiency.

Due Date: 09/30/23

23Sr.59A2 - Internal Target: Complete connected flight deck technologies draft report

Owner: Tara Gibson

Description: This report will examine for crew information systems in a transport category aircraft during Part 121/135 flight operations, analyze aviation safety information analysis and sharing (ASIAS) data and document the frequency of MFO in current operations. Furthermore, the report will assess whether operator policies/procedures encourage pilots to develop, practice, and maintain MFO skills in operations and training

Due Date: 12/31/22

23Sr.59B - Internal Activity: Trajectory-based operations (TBO) impacts

Owner: Tara Gibson

Description: Research will examine trajectory-based operations (TBO) impacts on the traffic management unit (TMU) in the terminal environment to identify potential workload mitigations.

23Sr.59B1 - Internal Target: Complete TBO impacts on the TMU recommendations report

Owner: Tara Gibson

Description: The report will evaluate possible workload changes for TMU traffic managers as a result of TBO, challenges and recommendations for TBO deployment consideration

Due Date: 03/31/23

23Sr.59B2 - Internal Target: Human in the loop (HITL) report on workload when using Trajectory Options Sets for predeparture and airborne rerouting.

Owner: Tara Gibson

Description: The report will document the experimental results, recommendations for any necessary mitigations, and recommendations for further research or validation. Report will be provided to ATO for use in planning TBO tool implementation and training.

Due Date: 03/31/23

23Sr.59C - Internal Activity: Develop a Research Roadmap for Human-Automation Teaming

Owner: Kenneth Allendoerfer

Description: Human-Automation Teaming (HAT) is an application of artificial intelligence and related technologies to support human operators with "digital teammates". HAT concepts have been proposed for air traffic controllers, pilots, and maintainers. This activity will focus on safety-critical tasks. It will identify and describe knowledge gaps and key research questions. The research roadmap will guide future FAA investments in HAT research, including projects, personnel, and laboratories.

Core Coordinated: Agreed

23Sr.59C1 - Internal Target: HAT Taxonomy Report

Owner: Kenneth Allendoerfer

Description: Publish findings from a literature review and taxononmy analysis that describes key terms and concepts in HAT as applied to aviation domains, especially flight deck, air traffic control, aviation maintenance, and technical operations.

Due Date: 03/31/23

23Sr.59C2 - Internal Target: HAT Research Agenda

Owner: Kenneth Allendoerfer

Description: Develop, socialize, and publish a research agenda for human-automation teaming that describes goals and objectives, key research questions, and applicable metrics and methods. To ensure the quality of the research agenda, the document will be provided to key stakeholders in the FAA, industry, and academia for their feedback.

Due Date: 09/30/23

23Sr.59C3 - Internal Target: HAT Technical Capabilities Report

Owner: Kenneth Allendoerfer

Description: Develop and socialize an appendix to the research agenda that describes technical capabilities, such as laboratories and associated personnel, that will be needed to accomplish the research agenda. In particular, the document will describe high-level requirements for new simulation and data collection capabilities that will allow researchers to examine HAT research questions at high levels of fidelity.

Due Date: 09/30/23

23Sr.59D - Internal Activity: Update the Standard for Using Color in Air Traffic Control Displays

Owner: Kenneth Allendoerfer

Description: Air traffic control displays use color to convey information, but it can be difficult to choose colors that will be effective in all environments (en route, terminal, and tower) and for people with color vision deficiencies. This activity will update the 2017 FAA color standard for air traffic control displays. The revised standard will ensure that critical air traffic control information is perceptible, readable, and interpretable in as many conditions as possible, including by controllers with color vision deficiencies.

Core Coordinated: Agreed

23Sr.59D1 - Internal Target: Simulation Study of ATC Color Standard for Control Room Environments

Owner: Kenneth Allendoerfer

Description: Prepare and conduct a human-in-the-loop simulation activity where controllers working in control room environments are able to see the color standard implemented on realistic ATC displays and to work simulated traffic using the standard.

Due Date: 03/31/23

23Sr.59D2 - Internal Target: Recommended Revisions to ATC Color Standard for Control Room Environments

Owner: Kenneth Allendoerfer

Description: Using the findings of the simulation activity, prepare a document containing proposed revisions and improvements to the existing color standard that will facilitate its implementation into control room environments in the field.

Due Date: 06/30/23

23Sr.59D3 - Internal Target: Laboratory Study of Color Standard in the ATC Tower Environment

Owner: Kenneth Allendoerfer

Description: Prepare and conduct a human-in-the-loop labortatory study that examines the color standard in the high brightness conditions of the ATC tower cab.

Due Date: 06/30/23

23Sr.59D4 - Internal Target: Recommended Revisions to the Color Standard (Tower)

Owner: Kenneth Allendoerfer

Description: Using the findings of the laboratory study, prepare a document containing proposed revisions and improvements to the existing color standard specific to the tower cab environment.

Due Date: 09/30/23

23Sr.63 - Internal Initiative: Human Performance

Owner: Gian Burdhimo

Description: Work collaboratively across the ATO to enhance the human performance contribution to the safety and efficiency of NAS operations.

23Sr.63A - Internal Activity: Human Performance Management

Owner: Gian Burdhimo

Description: Conduct ATO-wide Human Performance Management activities to identify, understand and mitigate human factors, human performance and safety culture issues across the ATO to increase the safety and efficiency of the human element within the ATC operation.

23Sr.63A1 - Internal Target: Technical Operations revised SSR Process Develop SMS Maturity Recommendations

Owner: Gian Burdhimo

Description: In conjunction with AJI-12 and AJW, develop and implement the new Tech Ops SSR interview process, train the specialists and support the live use of the new process in the field through mentoring and SME support

Due Date: 05/31/23

23Sr.63A2 - Internal Target: Operational Human Performance Training Workshops

Owner: Gian Burdhimo

Description: Lead the development, testing and delivery of the Operational Human Performance Training Workshops for Supervisor, OJTI's and Trainee's at facilities across the NAS in collaboration with AJI-2 and AJT to improve training success in the field.

Due Date: 09/30/23

23Sr.63A3 - Internal Target: Operational Human Performance Program

Owner: Gian Burdhimo

Description: Use the Operational Human Performance Program to support 3 NAS ATC facilities in addressing local issues regarding safety, training success human performance and safety culture issues in line with AJT district or national standards.

Due Date: 09/30/23

People

Strengthen our current and future aviation workforce by holding ourselves accountable, developing our people and planning for the aviation workforce of the future

Diversity, Equity, Inclusion, and Accessibility

Ensure a more conscious and inclusive culture that embraces the diverse talents of employees, ensures fair and equitable treatment, and advances broader gains in diversity, equity, inclusion, and accessibility.

23Ps1 - Priority Initiative: Maximize the Benefits of Diversity, Equity, Inclusion, and Accessibility

Owner: Kasandra Styles

Description: Maximize the Benefits of Diversity, Equity, Inclusion, and Accessibility

23Ps1A - Priority Activity: Hiring Persons with Disabilities (PWD)/Persons with Targeted Disabilities (PWTD).

Owner: Kasandra Styles

Description: ACR will lead collaboration between all LOB/SOs to increase the representation of PWD/PWTD in the FAA workforce by 1% each year for the next three years (from FY22).

23Ps1A1 - Priority Target: PWD/PWTD Memorandum to increase awareness and accountability.

Owner: Kasandra Styles

Description: Each LOB/SO will increase PWD/PWTD awareness and accountability by issuing a memorandum directing their managers to promote the PWD/PWTD 1% goal.

Due Date: 04/30/23

23Ps1A2 - Priority Target: PWD/PWTD information sessions to increase awareness and accountability.

Owner: Kasandra Styles

Description: In collaboration with all LOB/SOs, ACR’s National People with Disabilities Program Manager will host four agency-wide information sessions for hiring managers on effective ways to hire people with disabilities.

Due Date: 08/31/23

23Ps1A3 - Priority Target: Each LOB/SO will report their progress towards the 1% PWD/PWTD goal during the bi-monthly EAC meetings.

Owner: Kasandra Styles

Description: Each LOB/SO will report their progress towards the 1% PWD/PWTD goal during the bi-monthly EAC meetings.

Due Date: 08/31/23

23Ps1A4 - Priority Target: Develop a Communications/Awareness Campaign

Owner: Kasandra Styles

Description: Develop a communications/awareness campaign to encourage employee self-identification of disabilities to ensure accurate understanding of current representation.

Due Date: 09/30/23

23Ps1B - Priority Activity: DEI&A Inclusive Language Implementation

Owner: Kasandra Styles

Description: To ensure a diverse, equitable, and inclusive environment, the agency must implement its inclusive language policy and order.

23Ps1B1 - Priority Target: Create and implement a communications/marketing plan and materials .

Owner: Kasandra Styles

Description: Create and implement a communications/marketing plan and materials using content provided by ACR.

Due Date: 09/30/23

23Ps1B2 - Priority Target: Research and draft a recommendation for an artificial intelligence (AI) tool.

Owner: Kasandra Styles

Description: Research and draft a recommendation for an artificial intelligence (AI) tool to be used in reviewing FAA official documents.

Due Date: 09/30/23

23Ps1B3 - Priority Target: Timeline to develop a training module on inclusive language.

Owner: Kasandra Styles

Description: Create a timeline and develop a training module on inclusive language for managers and employees.

Due Date: 09/30/23

23Ps.1 - Internal Initiative: Equal Employment Opportunity (EEO) Training

Owner: Millie Strickland

Description: Assist Agency efforts to create a FAA culture in which managers and employees understand their role in creating and maintaining an inclusive workplace by providing training on EEO laws, FAA policies, and appropriate workplace behavior.

23Ps.1A - Internal Activity: EEO Training Opportunities for FAA Workforce

Owner: Millie Strickland

Description: Ensure that FAA management and employees are aware of EEO training course opportunities throughout the fiscal year.

23Ps.1A1 - Internal Target: Market Training Opportunities

Owner: Millie Strickland

Description: Market and announce EEO training opportunities each quarter, where ACR will identify and implement three additional training courses (Unmasking Unconscious Bias, Social Media and Harassment, Identifying Microaggressions), and other tools and resources that further increase DEIA in the workforce training. Create and promote training sessions agency-wide. Due quarterly.

Due Date: 09/30/23

23Ps.1B - Internal Activity: Enhance EEO Training Currency and Appeal

Owner: Millie Strickland

Description: Review, revise, enhance, develop or purchase EEO training courses to meet EEO training needs.

23Ps.1B1 - Internal Target: EEO Training Currency and Accuracy

Owner: Millie Strickland

Description: Review and revise existing EEO training courses to ensure they are in compliance with current EEO laws and guidance.

Due Date: 09/30/23

23Ps.1B2 - Internal Target: EEO Training Course Appeal

Owner: Millie Strickland

Description: Enhance training with multi-media and a variety of training delivery methods to include modern technical advances for course delivery to improve student learning and to provide flexibility of training opportunities.

Due Date: 09/30/23

23Ps.1B3 - Internal Target: Develop or Purchase New EEO Training Courses

Owner: Millie Strickland

Description: Develop or purchase new EEO courses to meet current EEO training needs. Coordinate with other DOT agencies to determine opportunities for sharing training resources.

Due Date: 09/30/23

23Ps.1B4 - Internal Target: EEO Training Course Effectiveness

Owner: Millie Strickland

Description: Monitor training effectiveness through customer feedback surveys and complaint data.

Due Date: 09/30/23

23Ps.1C - Internal Activity: EEO Facilitator/Producer Quality Improvement

Owner: Millie Strickland

Description: Enhance ACR Facilitator/Producer quality and skill improvement efforts throughout the organization.

23Ps.1C1 - Internal Target: Annual Trainer Improvement Instruction

Owner: Millie Strickland

Description: Provide ACR EEO Facilitators/Producers with an advanced improvement course, provided through contracted or internal training professional instructors, in order to enhance their skills as professional facilitators/producers.

Due Date: 09/30/23

23Ps.1C2 - Internal Target: Provide Additional Train-the-Trainer Sessions and Course Updates

Owner: Millie Strickland

Description: Conduct, at minimum, quarterly train-the-trainer sessions for facilitators and producers to ensure they meet quality objectives. These sessions will be to address any feedback from customers and to improve the skill set of facilitators/producers. Additionally, at minimum, within a month of any course update, provide train-the-trainer sessions to producers/facilitators on the updated course material and best practices.

Due Date: 09/30/23

23Ps.2 - Internal Initiative: Maximize Diversity and Equity

Owner: Sabreenah Key

Description: Maximize the Benefits of Diversity, Equity, and Inclusion

23Ps.2A - Internal Activity: Establish an ARP JEDI (justice, equity, diversity, inclusion) Familiarization Communication Plan

Owner: Warren Ferrell

Description: Ensure ARP employees are familiar with JEDI (justice, equity, diversity, inclusion) standards and requirements.

23Ps.2A1 - Internal Target: JEDI Familiarization

Owner: Warren Ferrell

Description: Hold at least two ARP All Hands briefings to familiarize ARP employees with concepts and examples of justice, equity, diversity and inclusion.

Due Date: 09/30/23

23Ps.3 - Internal Initiative: Incorporate DEIA specific criteria into recruitment and hiring practices within AVS

Owner: Lirio Liu

Description: Incorporate DEIA specific criteria into recruitment and hiring practices within AVS

23Ps.3A - Internal Activity: Promote and expand recruitment efforts - DEIA

Owner: Lirio Liu

Description: Promote and expand recruitment efforts within AVS to incorporate diversity, equity, inclusion and accessibility (DEIA).

23Ps.3A1 - Internal Target: Participate in outreach events targeted towards STEM AVSED DEIA

Owner: Lisa Mansfield

Description: Participate in a minimum of five planned FAA/AVS organizationally-sponsored outreach events that are targeted STEM AVSED diversity, equity, inclusive, accessibility focus efforts by September 30, 2023.

Due Date: 09/30/23

23Ps.3A2 - Internal Target: Release webinar to all AVS hiring managers to hire PWD/PWTD

Owner: Lisa Mansfield

Description: Increase awareness through the development and release of a webinar to all AVS hiring managers on opportunities to hire Persons with Disabilities (PWD)/Persons with Targeted Disabilities (PWTD) by July 31, 2023.

Due Date: 07/31/23

23Ps.3B - Internal Activity: Advance hiring efforts - DEIA

Owner: Lisa Mansfield

Description: Increase awareness in diversity, equity, inclusion, and accessibility in AVS workforce hiring efforts and implement necessary changes to advance hiring efforts in various DEIA areas.

23Ps.3B1 - Internal Target: Create AVS Workforce Hiring workgroup

Owner: Lisa Mansfield

Description: Create AVS Workforce Hiring workgroup with participants from each AVS S/O to focus on development of inclusive language policy across AVS by December 31, 2022.

Due Date: 12/31/22

23Ps.3B2 - Internal Target: Workgroup analyze and modify gender-specific terminology in HR forms, processes and tools

Owner: Lisa Mansfield

Description: Workgroup will analyze and modify gender-specific terminology used in human resource forms, processes, and tools; and identify alternate terms that align with diverse, equitable, and inclusive practices and present to AHR the workgroup's recommendations for consideration by April 30, 2023.

Due Date: 04/30/23

23Ps.3B3 - Internal Target: Develop draft plan to support traditionally underrepresented groups

Owner: Lisa Mansfield

Description: Workgroup will develop draft plan to support recruiting, retaining, development and promotion of traditionally underrepresented groups by July 31, 2023.

Due Date: 07/31/23

23Ps.3B4 - Internal Target: Develop panel participation guidance to follow DEIA criteria

Owner: Lisa Mansfield

Description: Workgroup to develop panel participation guidance for candidate application packages and interviews to follow DEIA criteria by September 30, 2023.

Due Date: 09/30/23

23Ps.3C - Internal Activity: Support Pipelines and Pathways to Aerospace Careers

Owner: Lirio Liu

Description: Develop, implement, and support programs to introduce students to aerospace careers and increase the industry pipeline and ensure students have access to clear pathways to becoming aerospace professionals.

23Ps.3C1 - Internal Target: Create opportunities for ongoing engagement with students to encourage participation in pathway activities that will lead to aerospace careers.

Owner: Lisa Mansfield

Description: Create activities designed to promote ongoing engagement with individual students that will provide them with concrete steps towards aerospace careers.

Due Date: 09/30/23

23Ps.4 - Internal Initiative: FAA Equal Employment Opportunity (EEO) Diversity and Inclusion Initiative

Owner: Kasandra Styles

Description: Achieve shared ownership by all FAA employees, to champion their roles and responsibilities in creating and maintaining a model EEO workplace.

23Ps.4A - Internal Activity: Submit a DEIA Scorecard

Owner: Kasandra Styles

Description: In FY23, LOB/SOs will submit a "scorecard" report each quarter to ACR for review and report-out to FAA management.

23Ps.4A1 - Internal Target: Submit a DEIA Scorecard

Owner: Kasandra Styles

Description: In FY23, LOB/SOs will submit a “scorecard” report each quarter to ACR for review and report-out to FAA management.

Due Date: 09/30/23

23Ps.4B - Internal Activity: Diversity, Equity, Inclusion, and Accessibility Symposium and Town Hall

Owner: Kasandra Styles

Description: ACR will organize the Annual DEIA Symposium/Conference and ACR will coordinate a DEIA Town Hall to promote initiatives and leadership accountability for senior executives and FAA employees.

23Ps.4B2 - Internal Target: Diversity, Equity, Inclusion, and Accessibility Town Hall

Owner: Kasandra Styles

Description: ACR will coordinate a DEIA town hall for FAA senior executive leadership and employees to voice best practices, share methods and tools used to provide an effective work environment with emphasis on DEIA.

Due Date: 08/31/23

23Ps.4B3 - Internal Target: Diversity, Equity and Inclusion Symposium

Owner: Kasandra Styles

Description: ACR will organize the Annual DEIA Symposium/Conference to promote initiatives and leadership accountability for senior executives and FAA employees.

Due Date: 08/31/23

23Ps.4D - Internal Activity: ACR will Campaign agency-wide ongoing and new courses.

Owner: Millie Strickland

Description: ACR will campaign, the Office of Civil Rights will offer NoFEAR bi-annual required training to all FAA personnel and three new courses (Unmasking Unconscious Bias, Social Media and Harassment, Identifying Microaggressions), and other tools and resources that further increase DEIA in the workforce training.

23Ps.4D1 - Internal Target: Provide Additional Manager Training Sessions.

Owner: Millie Strickland

Description: Provide an online course offering for managers that can be accessed via eLMS by management customers.

Due Date: 09/30/23

23Ps.4D2 - Internal Target: Develop a video for MMAC New Hires.

Owner: Millie Strickland

Description: Develop a video for MMAC ATO New Hires indoctrination day about the No FEAR Act.

Due Date: 09/30/23

23Ps.4D3 - Internal Target: Develop two videos for online training of managers and employees about Reasonable Accommodations basics.

Owner: Millie Strickland

Description: Develop two videos for online training of managers and employees about Reasonable Accommodations basics.

Due Date: 09/30/23

23Ps.4D4 - Internal Target: NoFEAR Requirement for All FAA New Hires

Owner: Millie Strickland

Description: Provide NoFEAR On-Line training course with the goal of having 90% of all FAA New Hires take the course within 90 days of their onboarding to the FAA.

Due Date: 09/30/23

23Ps.7 - Internal Initiative: Outreach and Special Emphasis Programs

Owner: Kasandra Styles

Description: Assist the Agency in building a Model EEO Workplace through outreach, consultations, collaboration, and educational partnerships. This includes support of Presidential Executive Orders, DOT's, department initiatives – the Office of Civil Rights will collaborate with LOB/SOs to support these programs and/or initiatives.

23Ps.7A - Internal Activity: EEO/Diversity and Inclusion Action Committee (EAC) Outreach Events

Owner: Kasandra Styles

Description: Increase the outreach to targeted groups in the FAA applicant pool by developing a targeted outreach strategy.

23Ps.7A1 - Internal Target: EEO/Diversity and Inclusion Action Committee (EAC) Outreach Events

Owner: Kasandra Styles

Description: Complete six outreach events with EAC committees to increase diversity in the applicant pool.

Due Date: 09/30/23

23Ps.8 - Internal Initiative: EEO/Diversity and Inclusion Action Committee (EAC)

Owner: Kasandra Styles

Description: Utilize the EEO Action Committee (EAC) to enhance, collaborate and support a diverse and inclusive workplace with existing employee workgroups and LOBs/SO. Collaborate with AHR's Corporate Recruitment Council to develop an annual outreach plan, targeting underrepresented groups within the agency.

23Ps.8A - Internal Activity: Ensure a Diverse and Inclusive Workforce - Reasonable Accommodations

Owner: Kasandra Styles

Description: Ensure 90% of all reasonable accommodation requests are processed within 25 business days or less.

23Ps.8A1 - Internal Target: AOC - Reasonable Accommodations

Owner: Tamika Little

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A2 - Internal Target: ARP - Reasonable Accommodations

Owner: Sabreenah Key

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A3 - Internal Target: AGC - Reasonable Accommodations

Owner: Tracy Cotton

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A4 - Internal Target: AST - Reasonable Accommodations

Owner: Christina Vernon

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A5 - Internal Target: AVS - Reasonable Accommodations

Owner: Suzanne Chandler

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A6 - Internal Target: ANG - Reasonable Accommodations

Owner: Alvonya Barnes

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A7 - Internal Target: ASH - Reasonable Accommodations

Owner: Dominique Wallace

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A8 - Internal Target: APL - Reasonable Accommodations

Owner: Quiana Shaw

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A9 - Internal Target: AHR - Reasonable Accommodations

Owner: Joyce Smothers

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A10 - Internal Target: ATO - Reasonable Accommodations

Owner: Ronicsa Chambers

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A11 - Internal Target: AFN - Reasonable Accommodations

Owner: Warren Pegram

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8A12 - Internal Target: ACR - Reasonable Accommodations

Owner: Kasandra Styles

Description: Ensure that at least 90% of reasonable accommodation requests are processed within 25 business days or less.

Due Date: 09/30/23

23Ps.8C - Internal Activity: Ensure a Diverse and Inclusive Workforce - Mediation

Owner: Cheryl Wilkes

Description: Managers engage in the mediation/facilitation process when requested.

23Ps.8C1 - Internal Target: AST - Mediation

Owner: Christina Vernon

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C2 - Internal Target: AOC - Mediation

Owner: Tamika Little

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C3 - Internal Target: ARP - Mediation

Owner: Sabreenah Key

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C4 - Internal Target: AGC - Mediation

Owner: Tracy Cotton

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C5 - Internal Target: AVS - Mediation

Owner: Suzanne Chandler

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C6 - Internal Target: ANG - Mediation

Owner: Alvonya Barnes

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C7 - Internal Target: ASH - Mediation

Owner: Dominique Wallace

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C8 - Internal Target: APL - Mediation

Owner: Quiana Shaw

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C9 - Internal Target: AHR - Mediation

Owner: Joyce Smothers

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C10 - Internal Target: ATO - Mediation

Owner: Ronicsa Chambers

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C11 - Internal Target: AFN - Mediation

Owner: Warren Pegram

Description: Ensure that 70% of managers engage in mediation when requested by employees.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.8C12 - Internal Target: ACR - Mediation

Owner: Cheryl Wilkes

Description: Support agency's efforts to ensure that 70% of managers engage in mediation when requested by employees.

Due Date: 09/30/23

23Ps.8D - Internal Activity: ADR Tracking - Track Agency mediation/Facilitation and resolution rates.

Owner: Cheryl Wilkes

Description: Assist with Agency effort on ADR engagement by ensuring 70% of all managers engage in mediation when requested by employees. Provide this data to the LOB/SOs. Produce a final ADR engagement and resolution report.

23Ps.8D1 - Internal Target: Track Agency mediation/Facilitation and resolution rates.

Owner: Cheryl Wilkes

Description: Provide this Agency mediation/Facilitation and resolution rates to the LOB/SOs. Produce a final ADR engagement and resolution report.

Due Date: 09/30/23

23Ps.9 - Internal Initiative: ASH Diversity, Equity, Inclusion and Accessibility (DEIA) Strategy

Owner: Tonya Coultas

Description: Incorporate DEIA initiatives into recruiting, people development, and employee engagement activities to increase recruitment, development, and retention of diverse staff.

23Ps.9A - Internal Activity: Advance Diversity, Equity, Inclusion & Accessibility (DEIA) Efforts

Owner: Dominique Wallace

Description: Advance and implement actions that support FAA's DEIA Strategic Plan effort to create an inclusive work environment.

23Ps.9A1 - Internal Target: ASH Diversity, Equity, Inclusion & Accessibility (DEIA) Implementation Plan

Owner: Dominique Wallace

Description: Implement the ASH DEIA Action Plan to promote training, resources, tools, and opportunities designed to increase DEIA cultural competencies and skills across the organization, when engaging with the workforce, internal and external stakeholders and through outreach activities such as STEM/AVSED.
1. Review and analyze ASH DEIA Scorecard and update action plan to address deficiencies.
2. Ensure completion of Unconscious Bias training for at least 75% of the ASH Workforce.
3. Complete development of the ASH DEIA SharePoint page that actively supports and communicates a culture of DEIA.

Due Date: 03/31/23

23Ps.10 - Internal Initiative: Increasing Equity in STEM/AVSED Outreach

Owner: Warren Pegram

Description: The aviation industry is facing not only a critical workforce shortage, but also an extensive lack of diversity among most aerospace professions. Through the Science, Technology, Engineering, and Math (STEM) Aviation and Space Education (AVSED) program, the FAA must place a concerted focus on ensuring equitable outreach to ensure all students have access to learn about pipelines to aerospace and aviation careers. This also supports the Executive Order on Advancing Racial Equity and Supporting Underserved Communities through the Federal Government, as well as the Department of Transportation's Equity Task Force.

23Ps.10A - Internal Activity: Develop Methods and Events to Expose College Students and School-Aged Children to STEM/AVSED Activities

Owner: Warren Pegram

Description: Develop methods to ensure that all students, including those in underrepresented and/or underserved populations, have access to events and learning activities aimed at introducing them to aerospace concepts and career pathways.

23Ps.10A2 - Internal Target: Report Accomplishments to the Office of Policy, International Affairs, and Environmental T1

Owner: Warren Pegram

Description: Document STEM/AVSED accomplishments in the FAA database to support APL.

Due Date: 09/29/23

23Ps.10A3 - Internal Target: Provide AFN Senior Leadership Quarterly STEM/AVSED Reports T2

Owner: Warren Pegram

Description: Provide a quarterly STEM/AVSED activity status report to senior leadership.

Due Date: 09/29/23

23Ps.11 - Internal Initiative: Train Managers and Employees across the Agency in Diversity, Equity, Inclusion, and Accessibility (DEIA)

Owner: Millie Strickland

Description: ACR will lead collaboration with LOBs/SOs to train managers and employees in DEIA.

23Ps.11A - Internal Activity: ACR will Lead Collaboration with LOBs/SOs to Train Managers and Employees in DEIA.

Owner: Millie Strickland

Description: Ensure at least 75% of managers and 25% of employees from each LOB/SO attend a minimum of one training course from a menu of DEIA training courses approved by ACR.

23Ps.11A1 - Internal Target: AST - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Brian Rushforth

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A2 - Internal Target: AOC - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Tamika Little

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A3 - Internal Target: ARP - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Sabreenah Key

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A4 - Internal Target: AGC - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Tracy Cotton

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A5 - Internal Target: AAE - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Denean Bush

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A6 - Internal Target: AVS - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Suzanne Chandler

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A7 - Internal Target: ANG - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Kenneth Sessions

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A8 - Internal Target: ASH - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Dominique Wallace

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A9 - Internal Target: APL - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Quiana Shaw

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A10 - Internal Target: AHR - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Joyce Smothers

Description: Ensure at least 75% of managers and 25% of employees complete or attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A11 - Internal Target: ATO - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Ronicsa Chambers

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A12 - Internal Target: AFN - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Kenneth Graves

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ps.11A13 - Internal Target: ACR - Train Managers and Non-Managerial Employees in a Minimum of One DEIA Training Course

Owner: Millie Strickland

Description: Ensure at least 75% of managers and 25% of employees attend a minimum of one training course from a menu of DEIA training courses.

Due Date: 09/30/23

23Ps.13 - Internal Initiative: Ensure Nondiscrimination in FAA's External Programs and Activities.

Owner: Gene Roth

Description: ACR-4 National External Operations and Policy Programs will advance nondiscrimination by conducting compliance and policy activities in support of the external civil rights programs for airports including the Disadvantaged Business Enterprise (DBE) and Airport Concession DBE (ACDBE) Compliance Program, the Airport Nondiscrimination Compliance Program (Title VI), and the Airport Disability Compliance Program (ADA/504). ACR-4 will also advance nondiscrimination in FAA's external programs and activities.

23Ps.13A - Internal Activity: Advance the Airport DBE/ACDBE Compliance Program.

Owner: Gene Roth

Description: Conduct compliance, training, and technical assistance activities in support of the DBE/ACDBE Compliance Program.

23Ps.13A1 - Internal Target: DBE/ACDBE Compliance

Owner: Gene Roth

Description: Conduct at least one compliance assessment in every FAA region to verify airport sponsor eligibility for FAA financial assistance under 49 CFR parts 23 and 26 (Grant Assurance 37).

Due Date: 08/31/23

23Ps.13A2 - Internal Target: DBE/ACDBE Training and Technical Assistance.

Owner: Gene Roth

Description: Develop training materials and conduct targeted trainings and/or technical assistance activities for airport sponsors and FAA Office of Airports staff in every FAA region, addressing the DBE and ACDBE Programs.

Due Date: 08/31/23

23Ps.13B - Internal Activity: Advance the Airport Nondiscrimination Compliance Program.

Owner: Gene Roth

Description: Conduct compliance, training, and technical assistance activities in support of the Airport Disability Compliance Program.

23Ps.13B1 - Internal Target: Title VI Order Implementation

Owner: Gene Roth

Description: Nondiscrimination in Federally Assisted Programs at the Federal Aviation Administration (Title VI). When the FAA Title VI Order is signed by the Administrator, implement guidelines for large and medium hub primary airports to have a Title VI Plan and Community Participation Plan. ACR will review and provide feedback for submitted plans within 45 calendar days of receipt.

Due Date: 09/30/23

23Ps.13B2 - Internal Target: Title VI Order Training and Technical Assistance.

Owner: Gene Roth

Description: Develop training materials and conduct targeted trainings and/or technical assistance activities for airport sponsors and FAA Office of Airports staff in every FAA region, addressing Title VI and related requirements for airport sponsors, including for Title VI Plans and Community Participation Plans to include DEIA principles.

Due Date: 09/30/23

23Ps.13B3 - Internal Target: Title VI Compliance

Owner: Gene Roth

Description: Conduct at least one compliance assessment in every FAA region to verify airport sponsor eligibility for FAA financial assistance under DOT Order 1000.12C requirements related to Title VI. (Grant Assurance 30).

Due Date: 08/31/23

23Ps.13C - Internal Activity: Advance the Airport Disability Compliance Program

Owner: Gene Roth

Description: Conduct compliance, training, and technical assistance activities in support of the Airport

23Ps.13C1 - Internal Target: ADA/504 Compliance

Owner: Gene Roth

Description: Conduct at least one compliance assessment in every FAA region, to verify airport sponsor eligibility under BIL program requirements for FAA financial assistance related to ADA and Sec. 504 facility design and program access obligations for airports. Use either in-person observations or equivalent methods to verify compliance with facility and vehicle design requirements.

Due Date: 08/31/23

23Ps.13C2 - Internal Target: ADA/504 Training and Technical Assistance

Owner: Gene Roth

Description: Develop training materials and conduct targeted trainings and/or technical assistance activities for airport sponsors and FAA Office of Airports staff in every FAA region, addressing ADA.504 and related requirements for airport sponsors.

Due Date: 08/31/23

23Ps.13D - Internal Activity: Advance language access in FAA programs and activities.

Owner: Gene Roth

Description: Communicate the importance of language access across FAA programs and activities.

23Ps.13D1 - Internal Target: Language Access Assessment.

Owner: Gene Roth

Description: Perform assessment of language access of selected LOB/SOs.

Due Date: 08/31/23

23Ps.13D2 - Internal Target: Language Access Policy Statement.

Owner: Gene Roth

Description: Draft agency language access policy statement and plan.

Due Date: 08/31/23

23Ps.13D3 - Internal Target: Nondiscrimination Language in FAA grant programs and NOFOs.

Owner: Gene Roth

Description: Ensure all applicable grant programs and NOFOs include appropriate nondiscrimination language.

Due Date: 08/31/23

23Ps.13D4 - Internal Target: Language Access Training

Owner: Gene Roth

Description: Develop and provide a minimum of three training sessions on language access requirements.

Due Date: 08/31/23

Human Capital Management

Enhance FAA's human capital management capabilities to support innovation and collaboration that will empower a synergetic, data-driven workplace. Leverage data and technology to continuously identify and address human capital management opportunities and efficiencies. Position the FAA as an employer of choice by promoting career opportunities to attract the workforce of the future, while maintaining a culture that enhances employee engagement and accountability. Ensure that the FAA retains a diverse and high performing workforce by providing varied learning opportunities and workplace flexibilities.

23Pt1 - Priority Initiative: Optimize Agency Policies and Practices to Meet the Evolving Workforce Needs

Owner: James Connett

Description: The FAA will leverage existing and future technologies to enable the best use of remote and in-person engagement, as well as enabling thoughtful decisions about physical space needs.

23Pt1A - Priority Activity: Showcase the Dynamic Space Concept

Owner: James Connett

Description: Design and implement a mock-up space to showcase the Dynamic Space concept for the agency.

23Pt1A1 - Priority Target: Identify the footprint for the Dynamic Space Mock-up

Owner: James Connett

Description: Identify the footprint within the leased space for Dynamic Space mock-up (6000+ sq ft).

Task a. Confirm final location within leased space.
Task b. Confirm final size of space.

Due Date: 02/28/23

23Pt1A2 - Priority Target: Complete the design work and gain final approval.

Owner: James Connett

Description: Task a. Gather customer requirements.
Task b. Deliver 35% design and gain approval to move forward.
Task c. Deliver final design and gain final approval.

Due Date: 07/31/23

23Pt1A3 - Priority Target: Build out Dynamic Space mock-up area

Owner: James Connett

Description: Task a. Contract award.

Due Date: 09/30/23

23Pt1B - Priority Activity: Renovate the FAA HQ 9th Floor using the Dynamic Space Concept

Owner: James Connett

Description: Gain support and approval to renovate the FAA HQ 9th floor using the Dynamic Space concept.

23Pt1B1 - Priority Target: Brochure and Virtual Video for FAA HQ 9th floor Dynamic Space

Owner: James Connett

Description: Develop brochure and virtual video highlighting potential FAA HQ 9th floor Dynamic Space implementation.

Task a. Deliver comprehensive brochure that utilizes actual FAA HQ building 10A floor plans with Dynamic Space concepts being utilized.
Task b. Deliver a virtual walk though video of the FAA HQ 10A space that showcases the Dynamic Space furniture concepts in use.

Due Date: 12/31/22

23Pt1B2 - Priority Target: Gain Approval and Secure Funding

Owner: James Connett

Description: Task a. Finalize MOA with all unions having BUE's on the 9th floor for the implementation of Dynamic Space.
Task b. Secure full funding for 9th floor renovations.

Due Date: 06/30/23

23Pt1B3 - Priority Target: Gather Customer Requirements and Complete the Design

Owner: James Connett

Description: Task a. Deliver 35% design and gain approval to move forward.

Due Date: 09/30/23

23Pt2 - Priority Initiative: Talent Management and Acquisition

Owner: Joyce Smothers

Description: Develop an FAA-wide vision and strategy to reimagine, recruit, and retain a diverse workforce and that enhances succession planning in support of the agency's mission.

23Pt2A - Priority Activity: Develop an agency-wide workforce planning and engagement strategy, including implementation of new DEIA plan to support FAA's mission

Owner: Heather Fernuik

Description: Develop an FAA-wide vision and strategy to reimagine, recruit, and retain a diverse workforce and that enhances succession planning in support of the agency's mission to create a workforce built on equity and inclusion and integrate DEIA principles into the FAA decision-making process.

23Pt2A1 - Priority Target: Succession Planning

Owner: David Hamill

Description: Using workforce demographic data and information gained through strategic workforce planning efforts, identify positions where lines of succession need to be established to address future needs.

Due Date: 09/30/23

23Pt2A2 - Priority Target: Employee Engagement

Owner: Farrasha Jones

Description: Develop corporate and LOB/SO-specific employee engagement action plans with quarterly reporting.

Due Date: 03/31/23

23Pt2A3 - Priority Target: Talent Acquisition

Owner: Toni Tomlin

Description: Conduct analysis of the use of FAA-wide workplace flexibilities and recruitment incentives to ensure usage supports recruiting a skilled and diverse workforce.

Due Date: 09/30/23

23Pt2A4 - Priority Target: Air Traffic Controller Specialist (ATCS) Hiring

Owner: Christina Kominoth

Description: Consistent with Air Traffic Controller Workforce Plan, hire at least 1,500 air traffic controllers in FY2023.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt2A5 - Priority Target: Benchmark Analysis and creation of a Chief Diversity Officer position

Owner: Kasandra Styles

Description: Conduct benchmarking analysis, identify resources, and explore the creation of a Chief Diversity Officer position to oversee DEIA efforts across FAA.

Core Coordinated: Agreed

Due Date: 06/30/23

23Pt2A6 - Priority Target: Communication Plan

Owner: Kasandra Styles

Description: Finalize a communications plan to raise awareness of the agency's overarching DEIA efforts, encompass leadership modeling, and foster a DEIA culture across FAA.

Core Coordinated: Agreed

Due Date: 04/30/23

23Pt2A7 - Priority Target: DEIA measurement tool and Climate Assessment

Owner: Kasandra Styles

Description: Identify a measurement tool and create plans to perform an agency-wide climate assessment on DEIA Implementation to identify target areas for improvement by LOBs/SOs

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1 - Internal Initiative: Small Business Opportunities

Owner: Jeffrey Baker

Description: Support small businesses and job creation by providing opportunities for small businesses to attain FAA contracts and purchase orders, with special emphasis on procurement opportunities for socially and economically disadvantaged small businesses (including 8(a) certified firms), service-disabled veteran-owned small businesses, and women-owned small businesses.

23Pt.1A - Internal Activity: Contracting with Small Businesses

Owner: Jeffrey Baker

Description: Utilize market analysis and acquisition strategies to provide opportunities for small businesses to compete for, and attain FAA contracts and purchase orders, with special emphasis on procurement opportunities for socially and economically disadvantaged small businesses (including 8(a) certified firms), service-disabled veteran-owned small businesses, and women-owned small businesses, economically disadvantaged women-owned small businesses, and historically underutilized business zone small businesses.

23Pt.1A1 - Internal Target: Agency's small business efforts. T1

Owner: Jeffrey Baker

Description: Ensure at least 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Due Date: 09/30/23

23Pt.1A2 - Internal Target: AOC - Support ACQ's Small Business efforts

Owner: Tom Parisi

Description: Support ACQ's efforts to ensure 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1A3 - Internal Target: APL - Support ACQ's Small Business efforts

Owner: Cassandra Cutter

Description: Support ACQ's efforts to ensure 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1A4 - Internal Target: AHR - Support ACQ's Small Business efforts

Owner: Dave Bell

Description: Support ACQ's efforts to ensure 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1A5 - Internal Target: ACR - Support ACQ's Small Business efforts

Owner: Scott Moran

Description: Support ACQ's efforts to ensure 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1A6 - Internal Target: AST - Support ACQ's Small Business efforts

Owner: Dawn Toaso

Description: Support ACQ's efforts to ensure 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1A7 - Internal Target: ASH - Support ACQ's Small Business efforts

Owner: Dominique Wallace

Description: Support ACQ's efforts to ensure 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1A8 - Internal Target: ARP - Support ACQ's Small Business efforts

Owner: Sabreenah Key

Description: Support ACQ's efforts to ensure 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1A9 - Internal Target: ANG-A - Support ACQ's Small Business efforts

Owner: Jacqueline Williams

Description: Support ACQ's efforts to ensure 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1A10 - Internal Target: AJM - Support ACQ's Small Business efforts

Owner: Rob Hunt

Description: Support ACQ's efforts to ensure at least 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1A11 - Internal Target: AQS - Support ACQ's Small Business efforts

Owner: Aloha Ley

Description: Support ACQ's efforts to ensure 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1A12 - Internal Target: AJW-2 - Support ACQ's Small Business efforts

Owner: Randall Burke

Description: Support ACQ's efforts to ensure at least 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B - Internal Activity: Contracting with Small Disadvantaged Business (SDB)

Owner: Jeffrey Baker

Description: Utilize market analysis and acquisition strategies to provide opportunities for Small Disadvantaged Businesses (SDB) to compete for and attain FAA contracts and purchase orders.

23Pt.1B1 - Internal Target: Agency's Small Disadvantaged Business goals (SDB). T2

Owner: Jeffrey Baker

Description: Ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Due Date: 09/30/23

23Pt.1B2 - Internal Target: AST - Support ACQ's Small Disadvantaged Business efforts

Owner: Dawn Toaso

Description: Ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B3 - Internal Target: AQS - Support ACQ's Small Disadvantaged Business efforts

Owner: Aloha Ley

Description: Ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B4 - Internal Target: AOC - Support ACQ's Small Disadvantaged Business efforts

Owner: Tom Parisi

Description: Ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B5 - Internal Target: ARP - Support ACQ's Small Disadvantaged Business efforts

Owner: Sabreenah Key

Description: Ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B6 - Internal Target: ACR - Support ACQ's Small Disadvantaged Business efforts

Owner: Scott Moran

Description: Ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B7 - Internal Target: ANG-A - Support ACQ's Small Disadvantaged Business efforts

Owner: Jacqueline Williams

Description: Ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B8 - Internal Target: ASH - Support ACQ's Small Disadvantaged Business efforts

Owner: Dominique Wallace

Description: Ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B9 - Internal Target: APL - Support ACQ's Small Disadvantaged Business efforts

Owner: Cassandra Cutter

Description: Ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B10 - Internal Target: AHR - Support ACQ's Small Disadvantaged Business efforts

Owner: Dave Bell

Description: Ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B11 - Internal Target: AJM - Support ACQ's Small Disadvantaged Business efforts

Owner: Rob Hunt

Description: Support ACQ's efforts to ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.1B12 - Internal Target: AJW-2 - Support ACQ's Small Disadvantaged Business efforts

Owner: Randall Burke

Description: Support ACQ's efforts to ensure at least 13% of the Agency's total direct procurement dollars are awarded to Small Disadvantaged Businesses (SDB).

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.2 - Internal Initiative: Human Capital

Owner: Warren Pegram

Description: In support of the AFN commitment to attract and retain the right talent, the AFN Enterprise Operations (AFN-100) will focus on analysis to determine its Human Capital needs.

23Pt.2B - Internal Activity: System Enhancements

Owner: Warren Pegram

Description: Provide enhancements to the Spotlight, monetary and time-off award-processing system.

23Pt.2B1 - Internal Target: Rebranding Campaign T1

Owner: Warren Pegram

Description: Deploy rebranding of the AFN Monetary and Time-off Award automation program with the new name “Spotlight”.

Due Date: 03/31/23

23Pt.2B2 - Internal Target: Advertise the Monetary and Time-Off Award System T2

Owner: Warren Pegram

Description: Implement branding, marketing and training to advertise the AFN monetary and time-off award processing system and the functionality of the new and improved user-interface.

Due Date: 05/30/23

23Pt.2B3 - Internal Target: T3 Enhance the Spotlight system to improve the user experience.

Owner: Warren Pegram

Description: Build dashboard and conduct user acceptance testing to verify functionality and usability.

Due Date: 06/30/23

23Pt.3 - Internal Initiative: AFN Enterprise Standardization

Owner: Kenneth Graves

Description: Collaborate with functional areas to review administrative processes for process improvement and to decide standardization feasibility across AFN.

23Pt.3A - Internal Activity: AFN Enterprise Standardization Activity

Owner: Kenneth Graves

Description: Lead activities associated with standardizing AFN administrative processes.

23Pt.3A1 - Internal Target: Prioritization List of Processes T1

Owner: Kenneth Graves

Description: Lead a workgroup to create a list of AFN administrative processes and SOPs that need updated.

Due Date: 01/31/23

23Pt.3A2 - Internal Target: Route Four Documents T2

Owner: Kenneth Graves

Description: Route at least four administrative documents to functional areas for review and concurrence.

Due Date: 09/29/23

23Pt.4 - Internal Initiative: Airport Employee Engagement

Owner: Sabreenah Key

Description: Support employee engagement through FedView results and Action Plans.

23Pt.4A - Internal Activity: FEDVIEW action planning

Owner: Sabreenah Key

Description: Utilize the annual FEDVIEW data to continue to boost engagement in ARP.

23Pt.4A1 - Internal Target: Employee Engagement Plan

Owner: Sabreenah Key

Description: Develop and implement an employee engagement plan within 90 days of receiving the FY-22 FEDVIEW results.

Due Date: 09/30/23

23Pt.4A2 - Internal Target: Update ARP Workforce

Owner: Sabreenah Key

Description: Update the ARP workforce at least 2 times a year on employee engagement activities and progress.

Due Date: 09/30/23

23Pt.5 - Internal Initiative: Curriculum Transformation

Owner: Rick Maltbie

Description: Continue to enhance Curriculum Transformation by updating and improving training modality and tools. Develop new curriculum as identified.

23Pt.5A - Internal Activity: Out of Agency (OAT) Training

Owner: William Butler

Description: Create Standard Process for Out of Agency (OAT) Training

23Pt.5A1 - Internal Target: Create Standard Process for Out of Agency (OAT) Training

Owner: William Butler

Description: Develop processes for determining return on investment for OAT vs traditional development approach (e.g., costing, tasks and skills analysis, requirements development).

Due Date: 06/30/23

23Pt.5B - Internal Activity: Just-in-Time Training Videos

Owner: Stephanie Crocker

Description: Produce Just-in-Time Training Videos for Technical Operations Tech Training

23Pt.5B1 - Internal Target: Just-in-Time Training Videos for Technical Operations Tech Training

Owner: Stephanie Crocker

Description: Create training videos. Partnering with AJW. Expand just-in-time training videos to all Tech Ops program areas.

Due Date: 09/30/23

23Pt.6 - Internal Initiative: PMO Acquisition Workforce

Owner: Valerie Outlaw

Description: Ensure the PMO has the staffing and skill mix to successfully manage NextGen and other major acquisitions by implementing training, developing and certifying personnel in key acquisition professions. The PMO has an Acquisition Workforce goal tracked at the AJM-0 level to be sure the Program Managers are obtaining and maintaining the necessary certification requirements for their positions. The PMO works with AAP-300, Acquisition Career Management Division, to get monthly status and updates for the overall PMO goal. AJM-1 will continue to track/monitor/status the AJM-0 level PMO Acquisition Workforce goal. For FY22, the PMO Leadership Team has indicated (in coordination with Jan Smith, the AJM-0 Workforce Development Mgr) that each Directorate will track the certifications internally.

23Pt.6A - Internal Activity: PMO Acquisition Workforce

Owner: Valerie Outlaw

Description: Attain and maintain certification requirements of program managers (PMs) and contracting officers.

23Pt.6A1 - Internal Target: AJM-2 Acquisition Workforce

Owner: Jere Hayslett

Description: Provide monthly status on the Level III certification of Program Managers responsible for managing all Office of Management and Budget (OMB) major programs in the portfolio.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.6A2 - Internal Target: AJM-3 Acquisition Workforce

Owner: Malcolm Andrews

Description: Provide monthly status on the Level III certification of Program Managers responsible for managing all Office of Management and Budget (OMB) major programs in the portfolio

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.6A3 - Internal Target: AJM-4 Acquisition Workforce

Owner: Amy Gusky

Description: Provide monthly status on the Level III certification of Program Managers responsible for managing all Office of Management and Budget (OMB) major programs in the portfolio.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.7 - Internal Initiative: Program Improvement & Workforce Planning

Owner: Camille Ballard

Description: Provide a high-quality and sustainable employee centered programs that welcomes, engages, inspires, and improves work-life.

23Pt.7A - Internal Activity: AFN Connect Program

Owner: Camille Ballard

Description: Conduct AFN Connect Program Annual Review to make suggested updates as appropriate.

23Pt.7A1 - Internal Target: Metrics Reports T1

Owner: Camille Ballard

Description: Provide end-of-course ACP metrics reports to AFN-3 within 30 days of each cohort completion.

Due Date: 08/31/23

23Pt.7A2 - Internal Target: ACP Summary Report T2

Owner: Camille Ballard

Description: Provide a FY23 summary analysis report of completed ACPs to AFN-3.

Due Date: 09/30/23

23Pt.7B - Internal Activity: Training and Development
Owner: Kenneth Graves
Description: Develop a customer service feedback process.

23Pt.7B1 - Internal Target: Customer Service Survey T1
Owner: Kenneth Graves
Description: Develop 3-5 draft survey questions for AFN-120 customers.
Due Date: 01/17/23

23Pt.7B2 - Internal Target: Deployment of Survey T2
Owner: Kenneth Graves
Description: Deploy the survey questions to AFN-120 customers.
Due Date: 04/30/23

23Pt.7B3 - Internal Target: Data Analysis and Reporting T3
Owner: Kenneth Graves
Description: Provide report to include analysis and recommendations to improve program services, as deemed appropriate.
Due Date: 07/31/23

23Pt.7C - Internal Activity: AFN Connect Program Governance
Owner: Camille Ballard
Description: Develop the strategic outline, process map, and procedures for the ACP program.

23Pt.7C1 - Internal Target: Develop an ACP roadmap T1
Owner: Camille Ballard
Description: Research and develop an ACP roadmap.
Due Date: 11/30/22

23Pt.7C2 - Internal Target: Route Procedural Document T2
Owner: Camille Ballard
Description: Route draft ACP procedural document to functional areas for review and comments to gain concurrence.
Due Date: 09/30/23

23Pt.8 - Internal Initiative: FAA Academy Delivery Effectiveness
Owner: Jim Doskow
Description: Focus resources to improve delivery through people-centric activities and process improvements.

23Pt.8C - Internal Activity: Diversity Equity Inclusion and Accessibility (DEIA) in AMA Training
Owner: Luther Davis
Description: AMA-500 will analyze training and make recommendations to ensure accessibility is considered in training delivery.

23Pt.8C1 - Internal Target: Workgroup Formation
Owner: Luther Davis
Description: Identify Air Traffic Control Accessibility workgroup members.
Due Date: 11/30/22

23Pt.8C2 - Internal Target: Evaluation Schedule

Owner: Luther Davis

Description: Develop and finalize a schedule to evaluate all Academy Air Traffic Training Courses.

Due Date: 01/31/23

23Pt.8C3 - Internal Target: Complete Evaluations

Owner: Luther Davis

Description: Complete all course evaluations

Due Date: 07/31/23

23Pt.8C4 - Internal Target: Recommendations

Owner: Luther Davis

Description: Complete final recommendations and ensure recommendation package is ready for submission.

Due Date: 09/30/23

23Pt.9 - Internal Initiative: Mission Critical Hiring

Owner: Heather Fernuik

Description: Facilitate talent acquisition for FAA's mission priorities.

23Pt.9A - Internal Activity: Mission Critical Hiring Support

Owner: Matthew Amato

Description: Facilitate talent acquisition for FAA's three largest mission-critical series and ensure that hiring targets are met in FY23.

23Pt.9A1 - Internal Target: Air Traffic Control Specialist Hiring

Owner: Matthew Amato

Description: Partner with the Air Traffic Organization (ATO) to solidify and to deliver the FY23 hiring goal for Air Traffic Controller hiring (2152)CSTI

Due Date: 09/30/23

23Pt.9A2 - Internal Target: Airway Transportation System Specialist Hiring

Owner: Matthew Amato

Description: Partner with the Air Traffic Organization (ATO) to identify at least three critical hiring locations and deliver at least 200 critical Airway Transportation Systems Specialist (2101) hires.

Due Date: 09/30/23

23Pt.9A3 - Internal Target: Aviation Safety Inspector Hiring

Owner: Matthew Amato

Description: Partner with the Aviation Safety Organization (AVS) to meet the FY23 Aviation Safety Inspector (1825) hiring goal.

Due Date: 09/30/23

23Pt.10 - Internal Initiative: Executive Performance Management System

Owner: Joyce Smothers

Description: Evaluate the Executive Performance Management System (EPMS) and determine what adjustments, if any, should be recommended for adoption in fiscal year (FY) 2024.

23Pt.10A - Internal Activity: Refine the EPMS process

Owner: Kimberly Brooks

Description: Solicit feedback from EPMS stakeholders to identify and recommend process improvements for FY 2024.

23Pt.10A1 - Internal Target: Solicit feedback from EPMS stakeholders

Owner: Kimberly Brooks

Description: Develop and deploy a survey and present findings and recommendations to AHR leadership.

Due Date: 09/30/23

23Pt.12 - Internal Initiative: Strategic Workforce Planning

Owner: Heather Fernuik

Description: Enable the FAA to better anticipate, plan for and respond to workforce needs and talent readiness to meet mission requirements now and in the future.

23Pt.12A - Internal Activity: Support Workforce Planning Efforts

Owner: David Hamill

Description: As part of an effort to ensure workforce readiness, deploy tools and resources that support strategic workforce planning at FAA.

23Pt.12A3 - Internal Target: Workforce Segmentation

Owner: David Hamill

Description: Conduct workforce segmentation for AHR. Present findings and recommendations to AHR leadership.

Due Date: 09/30/23

23Pt.12D - Internal Activity: Competency Modeling and Gap Analysis

Owner: Heather Fernuik

Description: Create FAA competency models for HR Assistants and Specialists. Conduct competency gap analysis.

23Pt.12D1 - Internal Target: HR Assistant and HR Specialist Competency Models

Owner: David Hamill

Description: Develop FAA competency models for HR Assistants and Specialist by identifying competencies at each grade level and the behaviors and competencies needed to reach the next grade level. Develop a competency gap survey for HR Assistants and HR specialist deploy the survey. Present HR Assistant and HR Specialist competency gap survey findings and recommendations to AHR executive leadership. Identify activities and technical trainings that build identified competencies.

Due Date: 07/31/23

23Pt.12D2 - Internal Target: Skills Gap Analysis

Owner: David Hamill

Description: Support DOT's skill gap analysis work. Develop a joint implementation plan and surveys for at least 15 occupations series for the triennial skills gap analysis where competency models exist.

Due Date: 09/30/23

23Pt.13 - Internal Initiative: Entry-Level Opportunities

Owner: Heather Fernuik

Description: Develop and enhance entry-level opportunities for FAA employment.

23Pt.13A - Internal Activity: Minority Serving Institutions Program

Owner: Raina Price

Description: Refine, recruit participants and delivery FAA"s FY23 Minority Serving Institutions internship program.

23Pt.13A1 - Internal Target: MSI Program Improvements

Owner: Raina Price

Description: Review FY22 MSI Program lessons learned findings and feedback, inclusive of cross-LOB/SO partnerships and identify at least five recommendations for continued program improvements and enhancements in FY23. Share proposed changes with AHR executive leadership, the National Employee Forum (NEF) and other key stakeholders.

Due Date: 10/31/22

23Pt.13A2 - Internal Target: MSI Outreach

Owner: Raina Price

Description: Develop a FY 2024 recruitment and outreach strategy, inclusive of the Historically Black Colleges and Universities and Hispanic-Serving Institutions. Share with AHR executive leadership, the National Employee Forum, ACR and the LOB/SO partnership network.

Due Date: 09/30/23

23Pt.13B - Internal Activity: Tech Ops Early Careers Gateways Program

Owner: Matthew Amato

Description: Support development and implementation of a Gateways program designed to provide early careers hiring and development in support of a diverse and robust Tech Ops Airway Transportation Safety Specialists pipeline.

23Pt.13B1 - Internal Target: MSI Outreach and Budget

Owner: Matthew Amato

Description: Develop and implement an announcement, recruitment and hiring strategy for at least 20 Tech Ops Early Careers Gateways Program hires.

Due Date: 06/30/23

23Pt.14 - Internal Initiative: Enhance Labor and Employee Relations Resources and Tools

Owner: Miguel Nieves-Mojica

Description: Enhance employee performance culture through development of labor and employee relations (LER) program tools for employees and managers

23Pt.14A - Internal Activity: Labor and Employee Relations Resources and Training

Owner: Miguel Nieves-Mojica

Description: Update and develop LER tools for managers and employees that support a positive performance culture and accountability.

23Pt.14A1 - Internal Target: Online LER Resources

Owner: Victor Patino

Description: Update Online Library of Resources to include new site for all FAA employees to access BUS code and collective bargaining agreement information.

Due Date: 09/30/23

23Pt.14A2 - Internal Target: LER Customer Service Aids and Tools

Owner: Victor Patino

Description: Update, create and deliver AHL tools and services to support management in addressing labor and employee relations issues.

Due Date: 09/30/23

23Pt.14A3 - Internal Target: Customer LER Training

Owner: Tesha McMinn

Description: Collaborate with the Air Traffic Organization (ATO) to create a comprehensive training class for Air Traffic Managers, covering the National Air Traffic Controllers Association collective bargaining agreement for the Certified Professional Controllers, also known as the “slate book."

Due Date: 09/30/23

23Pt.18 - Internal Initiative: FAA Strategic Leadership Development

Owner: Thomas Langdon

Description: Design, develop, and deliver core and leadership development courses, , programs, systems, and other learning resources as needed that will build the competencies of the workforce and the strength and diversity of the agency’s leadership pipeline.

23Pt.18A - Internal Activity: Design, Develop, and Deliver Competency Development Resources

Owner: John Ryabik

Description: Design, develop, and deliver core and leadership competency development resources including courses, programs, workshops, webinars, systems, and other resources as needed. Review and revise existing core courses to improve their effectiveness in competency development.

23Pt.18A1 - Internal Target: Career Development Online

Owner: Robin Jallow

Description: Complete pilot implementation of Career Development Online-Demand by expanding the development resources provided in phases. Evaluate the pilot to determine if CDO should be continued and how its value could be increased if continued.

Due Date: 06/30/23

23Pt.20 - Internal Initiative: Workforce Transformation-Program Effectiveness

Owner: Barry Kefauver

Description: Enhance HR service delivery and ensure effective execution of human resource functions across the employee lifecycle through more efficient and effective processes, systems, and structures

23Pt.20A - Internal Activity: Policy Compliance & Program Review

Owner: Erica Miller

Description: Conduct compliance reviews/program evaluations to assess the conformity to policy and applicable regulations and to identify opportunities for improvement.

23Pt.20A2 - Internal Target: Program Evaluations and Compliance Reviews

Owner: Gilbert Tillman

Description: Conduct, at a minimum, four compliance reviews/program evaluations to ensure adherence to Agency human resource policies and procedures and to identify best practices and/or areas of improvement via submission of a report for each compliance review/program evaluation conducted.

Due Date: 09/30/23

23Pt.21 - Internal Initiative: Shared Services OWCP

Owner: Lisa Lapp

Description: Provide comprehensive corporate-wide workers' compensation case and program management to all DOT modes.

23Pt.21A - Internal Activity: Workers' Compensation

Owner: Cary Leventhal

Description: Increase agency productivity and contain agency costs through effective management of the Department of Transportation (DOT) Workers' Compensation Program (OWCP).

23Pt.21A4 - Internal Target: Automation

Owner: Cary Leventhal

Description: Collaborate with Enterprise Service Center on development of enhancements to Workers' Compensation Information System as detailed in draft Statement of Work dated September 1, 2022. Report quarterly on status of development and deployment of system enhancements.

Due Date: 09/30/23

23Pt.23 - Internal Initiative: Enhance Employee Performance Culture

Owner: Lisa Lapp

Description: Ensure the Agency has the tools and processes needed to support a performance culture.

23Pt.23A - Internal Activity: Enhance New Performance Management System (PMAS)

Owner: Mark Sandoe

Description: Refine and enhance the PMAS system and user experience.

23Pt.23A1 - Internal Target: Performance Management System Improvement

Owner: Mark Sandoe

Description: Evaluate PMAS implementation by creating and delivering to AHR leadership a Lessons Learned document and a list of desired enhancements (if applicable).

Due Date: 09/30/23

23Pt.24 - Internal Initiative: Total Rewards

Owner: Lisa Lapp

Description: Evaluate Total Rewards programs to enhance overall effectiveness.

23Pt.24A - Internal Activity: Evaluate, design, and deploy programs

Owner: Camille Gaffney

Description: Finalize the Total Rewards Recommendations

23Pt.24A2 - Internal Target: Implement Student Loan Repayment Program (SLRP)

Owner: Camille Gaffney

Description: Implement SLRP.

Due Date: 09/30/23

23Pt.25 - Internal Initiative: Benefits and Retirements

Owner: Heather Fernuik

Description: Research, plan, and implement service changes that improve the overall customer experience.

23Pt.25A - Internal Activity: Program Effectiveness & Customer Service

Owner: Matthew Amato

Description: Analyze existing service delivery. Identify opportunities for training and process enhancements to increase accuracy and to enhance the customer experience. Develop a multi-year strategic plan for enhancing consultative and other benefits and retirement services and program offerings.

23Pt.25A1 - Internal Target: Quality Assurance and Training

Owner: Jennifer Luttjohann

Description: Conduct quality assurance of at least four areas of service delivery. Identify areas for remediation and conduct training. Develop a plan for measuring progress.

Due Date: 09/30/23

23Pt.25A6 - Internal Target: Customer Experience Enhancements

Owner: Jennifer Luttjohann

Description: Identify at least three areas of expanded service delivery and develop a one-three year implementation plan.

Due Date: 09/30/23

23Pt.27 - Internal Initiative: Employee Engagement and Action Plan Accountability

Owner: Hansel Cordeiro

Description: Improve accountability for strengthening employee engagement and workforce communication by expanding the scope of collaboration, strengthening relationships, and creating frequent touch points between FAA LOBs/SOs to identify and implement defined employee engagement strategies.

23Pt.27A - Internal Activity: Employee Engagement

Owner: Farrasha Jones

Description: Strengthen employee engagement by identifying and implementing defined employee engagement strategies, developing a corporate employee engagement action plan, and assisting with LOB/SO-specific employee engagement action plans with quarterly reporting.

23Pt.27A1 - Internal Target: Employee Engagement Reporting

Owner: Farrasha Jones

Description: Leverage the cross-agency Community of Practice and AHR employee engagement advisors to share best practices, expand collaboration, strengthen relationships, and create frequent touch points between FAA LOBs/SOs, in support of the refresh of engagement action plans.

Due Date: 09/30/23

23Pt.27A2 - Internal Target: Internal Target: Employee Engagement Target

Owner: Farrasha Jones

Description: Assist AHR directorates to update action plans to improve employee engagement.

Due Date: 09/30/23

23Pt.27A3 - Internal Target: LOB/SO Action Planning

Owner: Farrasha Jones

Description: Assist LOBs/SOs with the annual refresh of action plans to improve employee engagement.

Due Date: 09/30/23

23Pt.27A4 - Internal Target: FAA Employee Engagement Action Plan

Owner: Farrasha Jones

Description: Develop an FAA employee engagement action plan that identifies our strategic framework for addressing corporate employee engagement focus areas. Implement a quarterly reporting mechanism from LOB/SOs to report on items identified in the FAA employee engagement action plan. (CSTI)

Due Date: 03/31/23

23Pt.27A5 - Internal Target: LOB/SO Connection to FAA Employee Engagement Action Plan

Owner: Farrasha Jones

Description: Partner with LOBs/SOs to develop employee engagement action plan items that address the FAA corporate employee engagement focus areas. Implement a quarterly reporting mechanism from LOB/SO to report on the implementation of their action plan items. (CSTI)

Due Date: 03/31/23

23Pt.28 - Internal Initiative: Property Workforce Training & Certification

Owner: Wayne Heibeck

Description: Enhance the skills, knowledge, and certification of property practitioners.

23Pt.28A - Internal Activity: Project Management Workforce Certification

Owner: Wayne Heibeck

Description: Maintain certification of Project Managers in the Project Management Division

23Pt.28A1 - Internal Target: FAC/PPM Level 1 Certification T1

Owner: Wayne Heibeck

Description: 50% of the combined staff of APM-310 and APM-320 as of October 1, 2022 will attain FAC/PPM Level 1 certification.

Due Date: 09/30/23

23Pt.28A2 - Internal Target: FAC/PPM Level II certification T2

Owner: Wayne Heibeck

Description: 10% of the combined staff of APM-310 and APM-320 as of October 1, 2022 will attain FAC/PPM Level II certification.

Due Date: 09/30/23

23Pt.29 - Internal Initiative: Align AST's Hiring and Workforce Development to Meet the Future Needs of the Organization

Owner: Minh Nguyen

Description: The growing, evolving commercial space transportation industry will place new demands on AST's workforce. AST will identify its future staffing needs, assess its workforce's capabilities, and develop a plan to meet and sustain its workforce requirements. AST needs to be a diverse and inclusive organization focused on hiring, cultivating, developing, promoting, and retaining the employees by implementing policies to foster and sustain a proficient, professional, and diverse workforce. Embrace DEIA initiatives and guidance around hiring, training, and development practices and ensure any policies, programs, or procedures created take this guidance into consideration.
AST anticipates and reacts to the future workforce requirements to oversee the growing commercial space industry. AST's workforce is equipped with the skills and career development to confidently perform their duties and step up to leadership positions while utilizing the diversity of the organization.

23Pt.29A - Internal Activity: Create a Robust Workforce Planning, Hiring, Compensation, and Retention Program

Owner: Dawn Toaso

Description: Create a robust workforce planning, hiring, compensation, and retention program to be agile and responsive to current and future mission requirements of commercial space transportation oversight.

23Pt.29A1 - Internal Target: Meet Authorized Staffing Level

Owner: Christina Vernon

Description: Meet authorized staffing level as defined by PBR and AST internal priorities.

Due Date: 09/30/23

23Pt.29A2 - Internal Target: Create Staffing Strategy

Owner: Minh Nguyen

Description: Create and begin implementation of staffing strategy (including: requirements, position priorities, attrition forecasting, affordability, and contractor mix)

Due Date: 09/30/23

23Pt.29B - Internal Activity: Establish a More Comprehensive Learning and Development Program

Owner: Brian Rushforth

Description: Establish a more comprehensive learning and development program for all AST employees.

23Pt.29B1 - Internal Target: Access to NASA Training

Owner: Brian Rushforth

Description: Complete NASA pilot training program and develop plan to fully expand program.

Due Date: 09/30/23

23Pt.29B2 - Internal Target: Pilot Program for Government Exchanges

Owner: Brian Rushforth

Description: Explore feasibility of an industry-government exchange program and make recommendation .

Due Date: 07/31/23

23Pt.30 - Internal Initiative: ATO STEM/AVSED and DEIA Engagement

Owner: Talethia Thomas

Description: Lead ATO's STEM/AVSED efforts across all service units, and provide ATO employees involved in STEM/AVSED with training, resources, tools, and opportunities to incorporate equity, diversity, and inclusion into their outreach. ATO's DEIA team is reaching out beyond Headquarters in an effort to connect with offices and facilities to educate, inspire, connect and further engage in promoting DEIA.

23Pt.30A - Internal Activity: STEM for every Student

Owner: Natasha Durkins

Description: Establish ATO's STEMBassador Program across all service units to create opportunities for students of all backgrounds to learn about and pursue aerospace careers. Provide ATO employees involved in STEM/AVSED with training, resources, tools, and opportunities to incorporate equity, diversity, and inclusion into their outreach.

23Pt.30A1 - Internal Target: Tools and materials for the ATO workforce engaged in STEM/AVSED

Owner: Ronicsa Chambers

Description: Develop and distribute tools and materials to the ATO workforce engaged in STEM/AVSED outreach to increase awareness of opportunities in aerospace.

Due Date: 03/31/23

23Pt.30A2 - Internal Target: STEM/AVSED orientation for managers

Owner: Ronicsa Chambers

Description: Develop STEM/AVSED orientation for managers and offer two sessions.

Due Date: 09/30/23

23Pt.30A3 - Internal Target: ATO STEM/AVSED Events

Owner: Ronicsa Chambers

Description: Track and report on ATO STEM/AVSED events.

Due Date: 06/30/23

23Pt.30A4 - Internal Target: AJM STEM/AVSED Events

Owner: Rebecca Guy

Description: Track and report on ATO STEM/AVSED events.

Core Coordinated: Agreed

Due Date: 06/30/23

23Pt.30A5 - Internal Target: AJR STEM/AVSED Events

Owner: Dan Murphy

Description: Track and report on ATO STEM/AVSED events.

Core Coordinated: Agreed

Due Date: 06/30/23

23Pt.30A6 - Internal Target: AJT STEM/AVSED Events

Owner: Brian Throop

Description: Track and report on ATO STEM/AVSED events.

Core Coordinated: Agreed

Due Date: 06/30/23

23Pt.30A7 - Internal Target: AJF STEM/AVSED Events

Owner: Dorothy Reimold
Description: Track and report on ATO STEM/AVSED events.

Core Coordinated: Agreed

Due Date: 06/30/23

23Pt.30A8 - Internal Target: AJW STEM/AVSED Events

Owner: Katrina Hall
Description: Track and report on ATO STEM/AVSED events.

Core Coordinated: Agreed

Due Date: 06/30/23

23Pt.30A9 - Internal Target: AJV STEM/AVSED Events

Owner: Natasha Durkins
Description: Track and report on ATO STEM/AVSED events.

Core Coordinated: Agreed

Due Date: 06/30/23

23Pt.30A10 - Internal Target: AJI STEM/AVSED Events

Owner: Nick Fuller
Description: Track and report on ATO STEM/AVSED events.

Core Coordinated: Agreed

Due Date: 06/30/23

23Pt.30B - Internal Activity: DEIA Beyond the Beltway

Owner: Talethia Thomas
Description: ATO is replicating “What’s The BIG I.D.E.A.?” and taking the concept beyond Headquarters in an effort to reach offices and facilities to educate, inspire, connect and further engage in promoting DEIA.

23Pt.30B1 - Internal Target: AJF DEIA Action Plan

Owner: Dorothy Reimold
Description: Each ATO Service Unit will complete at least one Business Plan activity from the three options listed below and will report progress and accomplishments on a monthly basis.
a. Partner with DEIA team to sponsor one event during DEIA Training Month;
b. Collaborate with ATO DEIA team on one DEIA Blog post;
c. Participate in a minimum of two DEIA events, including a session of “What’s the Big IDEA” workshop.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.30B2 - Internal Target: AJI DEIA Action Plan

Owner: Nick Fuller

Description: Each ATO Service Unit will complete at least one Business Plan activity from the three options listed below and will report progress and accomplishments on a monthly basis.
a. Partner with DEIA team to sponsor one event during DEIA Training Month;
b. Collaborate with ATO DEIA team on one DEIA Blog post;
c. Participate in a minimum of two DEIA events, including a session of “What’s the Big IDEA” workshop.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.30B3 - Internal Target: AJM DEIA Action Plan

Owner: Rebecca Guy

Description: Each ATO Service Unit will complete at least one Business Plan activity from the three options listed below and will report progress and accomplishments on a monthly basis.
a. Partner with DEIA team to sponsor one event during DEIA Training Month;
b. Collaborate with ATO DEIA team on one DEIA Blog post;
c. Participate in a minimum of two DEIA events, including a session of “What’s the Big IDEA” workshop.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.30B4 - Internal Target: AJR DEIA Action Plan

Owner: Dan Murphy

Description: Each ATO Service Unit will complete at least one Business Plan activity from the three options listed below and will report progress and accomplishments on a monthly basis.
a. Partner with DEIA team to sponsor one event during DEIA Training Month;
b. Collaborate with ATO DEIA team on one DEIA Blog post;
c. Participate in a minimum of two DEIA events, including a session of “What’s the Big IDEA” workshop.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.30B5 - Internal Target: AJT DEIA Action Plan

Owner: Jeff Szczygielski

Description: Each ATO Service Unit will complete at least one Business Plan activity from the three options listed below and will report progress and accomplishments on a monthly basis.
a. Partner with DEIA team to sponsor one event during DEIA Training Month;
b. Collaborate with ATO DEIA team on one DEIA Blog post;
c. Participate in a minimum of two DEIA events, including a session of “What’s the Big IDEA” workshop.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.30B6 - Internal Target: AJV DEIA Action Plan

Owner: Michele Merkle

Description: Each ATO Service Unit will complete at least one Business Plan activity from the three options listed below and will report progress and accomplishments on a monthly basis.
a. Partner with DEIA team to sponsor one event during DEIA Training Month;
b. Collaborate with ATO DEIA team on one DEIA Blog post;
c. Participate in a minimum of two DEIA events, including a session of “What’s the Big IDEA” workshop.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.30B7 - Internal Target: AJW DEIA Action Plan

Owner: Katrina Hall

Description: Each ATO Service Unit will complete at least one Business Plan activity from the three options listed below and will report progress and accomplishments on a monthly basis.
a. Partner with DEIA team to sponsor one event during DEIA Training Month;
b. Collaborate with ATO DEIA team on one DEIA Blog post;
c. Participate in a minimum of two DEIA events, including a session of “What’s the Big IDEA” workshop.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.31 - Internal Initiative: Science, Technology, Engineering, and Math (STEM) Aviation and Space Education (AVSED) Program

Owner: Sean Torpey

Description: Execute STEM AVSED Airport Design Challenge and develop a scalability plan for broader Adopt-a-School Program implementation.

23Pt.31A - Internal Activity: STEM AVSED Airport Design Challenge

Owner: Blair Hess

Description: Execute the STEM AVSED Airport Design Challenge.

23Pt.31A1 - Internal Target: Execute STEM AVSED Airport Design Challenge

Owner: Blair Hess

Description: Utilize the agency's Student Information System (SIS) to execute the STEM AVSED Airport Design Challenge (ADC).

Due Date: 04/28/23

23Pt.31A2 - Internal Target: Collect Data on the Execution STEM AVSED Airport Design Challenge

Owner: Blair Hess

Description: Collect data on the execution of the STEM AVSED Airport Design Challenge to inform an after action report for senior leaders/STEM AVSED governance bodies.

Due Date: 06/30/23

23Pt.31A3 - Internal Target: Expand Use of Student Information System

Owner: Blair Hess

Description: Based on after action findings, develop options for expanding the use of the Student Information System.

Due Date: 08/31/23

23Pt.31B - Internal Activity: STEM AVSED Adopt-a-School Program

Owner: Janet Scott

Description: Support the FAA STEM/AVSED Program through continued engagement with FY22 schools and the development of a scalability plan for broader implementation.

23Pt.31B1 - Internal Target: Identify Strategies and Opportunities

Owner: Janet Scott

Description: Identify strategies and opportunities for how regions can continue engagement with schools that participated in the FY22 Adopt-a-School Program

Due Date: 11/30/22

23Pt.31B2 - Internal Target: Develop Scalability Plan

Owner: Janet Scott

Description: Develop Scalability Plan identifying how the Adopt-a-School Program can be scaled for broader implementation.

Due Date: 03/31/23

23Pt.31C - Internal Activity: STEM AVSED Equity Accountability

Owner: Chris Sharp

Description: Develop methods to ensure that all students, including those in underrepresented and/or underserved populations, have access to events and learning activities aimed at introducing them to aerospace concepts and career pathways.

23Pt.31C1 - Internal Target: Deploy CEATS Tool

Owner: Chris Sharp

Description: Deploy CEATS tool with equity assessment for use with identified FAA sponsored events.

Due Date: 06/30/23

23Pt.31C2 - Internal Target: CEATS Tool Training

Owner: Chris Sharp

Description: Train event planners of identified FAA sponsored events to use the CEATS tool.

Due Date: 08/30/23

23Pt.31C3 - Internal Target: Utilize CEATS Tool

Owner: Chris Sharp

Description: Utilize CEATS tool during 80% of all identified FAA sponsored events.

Due Date: 09/30/23

23Pt.31D - Internal Activity: STEM AVSED Communications

Owner: Chris Sharp

Description: Implement integrated communication strategy to advance the goals of STEM AVSED.

23Pt.31D1 - Internal Target: Revise faa.gov/education Website

Owner: Chris Sharp

Description: Collaborate with AOC to continue implementing revisions to faa.gov/education website to include ensuring existing information on site is accurate, creating and implementing a new look and feel for the website to make it more engaging and better organized and developing additional content.

Due Date: 09/30/23

23Pt.31D2 - Internal Target: STEM AVSED Focused Social Media Outreach Plan

Owner: Chris Sharp

Description: Develop and implement a STEM AVSED focused social media outreach plan.

Due Date: 09/30/23

23Pt.31D3 - Internal Target: STEM AVSED Programs Awareness

Owner: Chris Sharp

Description: Develop and implement activities aimed at carrying out the areas within the STEM AVSED Communications Strategy focused on increasing the awareness and knowledge of STEM AVSED programs among organizations and employees within the FAA.

Due Date: 09/30/23

23Pt.31D4 - Internal Target: Revise faa.gov/education Website (AOC)

Owner: Tom Parisi

Description: Collaborate with AOC to continue implementing revisions to faa.gov/education website to include ensuring existing information on site is accurate, creating and implementing a new look and feel for the website to make it more engaging and better organized and developing additional content.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.31D5 - Internal Target: STEM AVSED Focused Social Media Outreach Plan (AOC)

Owner: Kristen Alsop

Description: Develop and implement a STEM AVSED focused social media outreach plan.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.31D6 - Internal Target: STEM AVSED Programs Awareness (AOC)

Owner: Matthew Ash

Description: Develop and implement activities aimed at carrying out the areas within the STEM AVSED Communications Strategy focused on increasing the awareness and knowledge of STEM AVSED programs among organizations and employees within the FAA.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.31E - Internal Activity: Careers in Aerospace Industry

Owner: Chris Sharp

Description: Provide students with access to clear information about pathways leading to three careers in the aerospace industry.

23Pt.31E1 - Internal Target: Identify Aerospace Industry Careers

Owner: Chris Sharp

Description: Collect data to identify aerospace industry careers that will experience the highest level of workforce needs/shortages in next 10 to 20 years. And gather information on current FAA activities and programs related to student career pathways.

Due Date: 01/30/23

23Pt.31E2 - Internal Target: Clear Information on Pathways

Owner: Chris Sharp

Description: Develop clear information on pathways to identified priority careers.

Due Date: 04/28/23

23Pt.31E3 - Internal Target: Distribution of Pathways Information

Owner: Chris Sharp

Description: Create templates for distribution of pathways information and associated deployment/communications plan. Publish pathways information via printed materials, social media and website.

Due Date: 09/30/23

23Pt.32 - Internal Initiative: Workplace of the Future

Owner: Wayne Heibeck

Description: Identify Government Best Practices in Office Workplace Renovations for achieving the "Art of the Possible”.

23Pt.32A - Internal Activity: Workplace of the Future Activity

Owner: Wayne Heibeck

Description: Recognize best practices in "Art of the Possible" for design and implementation of Agency administrative office space.

23Pt.32A1 - Internal Target: Produce Conceptual Drafts using "Art of the Possible" for Briefings

Owner: Wayne Heibeck

Description: Produce "Art of the Possible” conceptual drafts for at least one floor of FOB 10A and one Regional Office renovation to be used for briefings.

Due Date: 09/30/23

23Pt.32A2 - Internal Target: Achieve "Art of the Possible" in design and implementation of Agency administrative office space.

Owner: Wayne Heibeck

Description: Create drawings for at least one floor of FOB 10A, for planned renovations to achieve the "Art of the Possible” concept.

Due Date: 09/30/23

23Pt.34 - Internal Initiative: PMO Integrated Services & Analysis
Owner: Rob Hunt
Description: PMO Integrated Services & Analysis

23Pt.34A - Internal Activity: PMO Integrated Services and Analysis
Owner: Rob Hunt
Description: PMO Integrated Services and Analysis

23Pt.34A1 - Internal Target: Elevate Employee Engagement
Owner: Rob Hunt
Description: Establish the foundational components for true employee engagement.
Due Date: 09/30/23

23Pt.34A2 - Internal Target: Develop Future Leaders
Owner: Rob Hunt
Description: Identify and develop the core competencies and organizational strategy necessary to grow the next generation of leaders and ensure continuous organizational performance and service delivery.
Due Date: 09/30/23

23Pt.34A3 - Internal Target: Establish Meaningful Partnerships
Owner: Rob Hunt
Description: Streamline and enhance stakeholder outreach for specific audiences and goals.
Due Date: 09/30/23

23Pt.34B - Internal Activity: Integrated Resources Management
Owner: Molly Vorce
Description: Integrated Resources Management

23Pt.34B1 - Internal Target: Budget Execution Dashboard
Owner: Molly Vorce
Description: Provide holistic and real-time financial information to customers.
Due Date: 06/30/23

23Pt.34B2 - Internal Target: Financial & Acquisitions Knowledge Sharing
Owner: Molly Vorce
Description: Increase the financial acumen across the PMO.

Due Date: 09/30/23

23Pt.34C - Internal Activity: Program Acquisition Support & Analytics
Owner: Donna Creasap
Description: Program Acquisition Support & Analytics

23Pt.34C1 - Internal Target: Acquisition Categories (ACAT) Structure Review
Owner: Donna Creasap
Description: Support the AAP-led review and potential revision of current Acquisition Categories (ACAT) structure and process.

Due Date: 09/30/23

23Pt.34C2 - Internal Target: Program Health Management (PHM) Knowledge Sharing

Owner: Donna Creasap

Description: Promote Program Health Management (PHM) best practices and overall program improvement - included resource/tool sharing as available.

Due Date: 08/31/23

23Pt.34D - Internal Activity: Planning, Analysis & Integration

Owner: James Soriano

Description: Planning, Analysis & Integration

23Pt.34D1 - Internal Target: Program Health Management (PHM) Technical Analysis and Support

Owner: James Soriano

Description: Strengthen program advocacy by providing recurring Systems Engineering Analysis for the Program Health Management (PHM) report.

Due Date: 09/30/23

23Pt.34D2 - Internal Target: Systems Engineering Best Practices

Owner: James Soriano

Description: Provide Systems Engineering guidance by developing initial best practices per functional area.

Due Date: 09/30/23

23Pt.34D3 - Internal Target: Systems Engineering Knowledge Sharing

Owner: James Soriano

Description: Enhance technical practical knowledge across the PMO by delivering knowledge sharing services and products.

Due Date: 09/30/23

23Pt.36 - Internal Initiative: Improve Internal Communication

Owner: Matthew Ash

Description: Use a variety of internal communications vehicles to publish at least 5 news stories and/or broadcast messages each week to increase employee understanding of agency programs and activities. Will use multimedia content vehicles to deliver FAA corporate news and increase employee engagement and understanding of agency programs and activities.

23Pt.36A - Internal Activity: FocusFAA

Owner: Matthew Ash

Description: Publish agency news in FocusFAA daily during Fiscal Year.

23Pt.36A1 - Internal Target: Activity Target 1

Owner: Matthew Ash

Description: Publish daily news items during the Fiscal Year.

Due Date: 09/30/23

23Pt.36A2 - Internal Target: Activity Target 2

Owner: Matthew Ash

Description: Read and evaluate all employees feedback and respond to feedback within 24 hours.

Due Date: 09/30/23

23Pt.36A3 - Internal Target: Activity Target 3

Owner: Matthew Ash

Description: Increase the quantity of communications products distributed to employee audiences by 10% over FY22 figures.

Due Date: 09/30/23

23Pt.36B - Internal Activity: Employee Interviews

Owner: Matthew Ash

Description: Produce one monthly written interview profile featuring FAA managers and employees.

23Pt.36B1 - Internal Target: Activity Target 1

Owner: Matthew Ash

Description: Conduct a series of employee interviews (no fewer than 52) each year with executives, managers, program specialists, and other employees.

Due Date: 09/30/23

23Pt.36C - Internal Activity: Employee Website

Owner: Matthew Ash

Description: Update the employee homepage every business day.

23Pt.36C1 - Internal Target: Activity Target 1

Owner: Matthew Ash

Description: Update the employee homepage every business day.

Due Date: 09/30/23

23Pt.36D - Internal Activity: Communicate Strategic Initiatives

Owner: Matthew Ash

Description: Communicate the goals of Strategic Initiatives to the FAA employees and gain feedback that helps the FAA meet their needs.

23Pt.36D1 - Internal Target: Activity Target 1

Owner: Matthew Ash

Description: Regularly share information on Strategic Initiatives to FAA employees.

Due Date: 09/30/23

23Pt.36E - Internal Activity: Communications Working Group

Owner: Jeannie Shiffer

Description: Ensure cross-agency collaboration on communications issues and projects through the Communications Working Group.

23Pt.36E1 - Internal Target: Activity Target 1

Owner: Jeannie Shiffer

Description: Chair monthly meetings of Communications Working Group and ensure active collection of data on communications activities from all LOBs/SOs. Share data with AOA.

Due Date: 09/30/23

23Pt.39 - Internal Initiative: Employee Engagement

Owner: Tonya Coultas

Description: Offer opportunities for employees at all levels to impact decision-making through participation in advisory councils and interdisciplinary working groups and other activities.

23Pt.39A - Internal Activity: Facilitate Employee Engagement

Owner: Dominique Wallace

Description: Employee engagement is critical to organizational success. ASH's Organizational Effectiveness Team partners across ASH with senior leadership, management, and employees to develop, recommend, and integrate strategies that maximize individual and team engagement.

23Pt.39A1 - Internal Target: Employee Engagement

Owner: Dominique Wallace

Description: Create a dashboard that includes engagement Key Performance Indicators (KPIs) from the ASH Organizational Strategy, that measures and communicates the effectiveness of engagement efforts and provide proposed actions that could improve engagement outcomes.
1. Brief engagement partners on KPIs. October 31, 2022.
2. Create and populate dashboard. March 31, 2023.

Due Date: 03/31/23

23Pt.40 - Internal Initiative: Career Development Framework

Owner: Tonya Coultas

Description: Create and maintain career development tools, such as self-assessments, career mapping resources, and formalized career paths based on skills, credentials, and interest.

23Pt.40A - Internal Activity: Employee Onboarding and Orientation

Owner: Dominique Wallace

Description: Revise ASH’s onboarding program to ensure alignment with ASH’s Organizational Strategy, focusing on maximizing the employee experience and facilitating seamless entry for new employees.

23Pt.40A1 - Internal Target: ASH Employee Onboarding and Orientation Program

Owner: Dominique Wallace

Description: Revise and implement the ASH new employee onboarding and orientation program to foster acclimation, engagement, and awareness of the organization and their contribution to the ASH mission by Quarter 3.
1. Develop a template to standardize and refine the onboarding process for new ASH employees.
2. Record, edit, and publish the new employee orientation video by third quarter.

Due Date: 06/30/23

23Pt.41 - Internal Initiative: Learning and Development

Owner: Tonya Coultas

Description: Update internal training curricula, learning and development tools, and external training opportunities to reflect in-demand skills and address gaps in skills alignment.

23Pt.41A - Internal Activity: ASH Workforce Development

Owner: Dominique Wallace

Description: In alignment with FAA, ASH FY22-24 Strategy and Strategic Workforce Planning recommendations received from AHR, AXM will develop, deliver, and manage ASH workforce learning and development by implementing a competency-based methodology for training, assessment, career development and succession planning.

23Pt.41A1 - Internal Target: ASH Workforce Training and Development Strategy

Owner: Dominique Wallace

Description: Develop a strategic plan for updating training curricula and improving career development tools and programs.
1. Conduct mission-critical occupational skill gap assessments. July 31, 2023.
2. Analyze and document mission-critical occupations classifying competencies and critical skill sets that will guide learning and development efforts. September 30, 2023.
3. Develop and publish a strategy that identifies skill gaps and outlines actions to bridge gaps. September 30, 2023.

Due Date: 09/30/23

23Pt.42 - Internal Initiative: Support FAA's STEM/AVSED Efforts

Owner: Daphne Fuller

Description: Support and promote ARA STEM AVSED outreach engagements with students to encourage participation in pathways activities that will lead to aerospace careers.

23Pt.42A - Internal Activity: Support Pipelines and Pathways to Aerospace Careers

Owner: Daphne Fuller

Description: Support and promote ARA STEM AVSED outreach engagements with students to encourage participation in pathways activities that will lead to aerospace careers

23Pt.42A1 - Internal Target: Internal Target 1: STEM for Every Student

Owner: Daphne Fuller

Description: Encourage and support participation by AGC employees in STEM outreach activities, including training to incorporate diversity, equity, inclusion and accessibility.

Due Date: 09/30/23

23Pt.42A2 - Internal Target: Support Pipelines and Pathways to Aerospace Careers

Owner: Daphne Fuller

Description: Continue to create opportunities for students to intern with the Office of the Chief Counsel (AGC) through programs such as the Department of Transportation Summer Transportation Internship Program for Diverse Groups, FAA Minority Serving Institutions, and AGC law honors.

Due Date: 09/30/23

23Pt.42A3 - Internal Target: Strategic partnerships to maximize the benefits

Owner: Daphne Fuller

Description: Provide AGC support for strategic partnerships and building relationships with third parties aimed at reaching FAA STEM and aerospace education goals.

Due Date: 09/30/23

23Pt.42A4 - Internal Target: Cross-Agency STEM Collaboration to Optimize the Program

Owner: Daphne Fuller

Description: Support participation by AGC employees in STEM AVSED Strategic Plan programmatic efforts such as subcommittees, contest judges, and outreach for STEM AVSED activities.

Due Date: 09/30/23

23Pt.43 - Internal Initiative: Strong Acquisition Workforce

Owner: Jeffrey Baker

Description: Ensure FAA has the staffing and skill mix to successfully enable the NAS by implementing training, developing and certifying personnel in key acquisition professions.

23Pt.43A - Internal Activity: Train and Certify FAA's Acquisition Workforce

Owner: Jeffrey Baker

Description: Attain and maintain certification requirements of program managers (PMs) and contracting officers.

23Pt.43A1 - Internal Target: 90% of Program Managers are certified T1

Owner: Jeffrey Baker

Description: Attain FAA Project Program Manager certification for 90% of program managers (PMs) on Office of Management and Budget (OMB) major acquisition programs and attain/maintain certification requirements for their positions.

Due Date: 09/30/23

23Pt.43A2 - Internal Target: 90% of Contracting Specialists are certified T2

Owner: Jeffrey Baker

Description: Ensure at least 90% of Contracting Specialists are certified.

Due Date: 09/30/23

23Pt.43A3 - Internal Target: Certification of Real Estate Contracting Officer/Specialist (RECO/S) T3

Owner: Jeff Baker

Description: Ensure at least 90% of Real Estate Contracting Officer/Specialist (RECO/S) are certified.

Due Date: 09/30/23

23Pt.43A4 - Internal Target: Attain and maintain certification requirements (ANG)

Owner: Victoria Frazier

Description: Attain and maintain certification requirements: 90% of program managers (PMs) on Office of Management and Budget (OMB) major acquisition programs attain/maintain certification requirements for their positions.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.43A5 - Internal Target: Attain and maintain certification requirements (AJM)

Owner: Valerie Outlaw

Description: Attain and maintain certification requirements: 90% of program managers (PMs) on Office of Management and Budget (OMB) major acquisition programs attain/maintain certification requirements for their positions.

Core Coordinated: Agreed

Due Date: 09/30/23

23Pt.46 - Internal Initiative: AJI Employee Development

Owner: Brandy Ryman

Description: Educate, prepare, and grow AJI leaders from within.

23Pt.46A - Internal Activity: Developmental Resources and Programs

Owner: Brandy Ryman

Description: Provide AJI Workforce Development resources and programs.

23Pt.46A1 - Internal Target: Measure Results

Owner: Katie Cook

Description: Develop data collection tools and metrics for evaluating the effectiveness of developmental opportunities and communications. Update at least two quantitative measures on new or existing dashboards by August 2023. For example, attendance counts or response counts for surveys and conferences on the meeting satisfaction dashboards.

Due Date: 08/31/23

23Pt.46A2 - Internal Target: Developmental Training and Seminars

Owner: Wanda Acevedo

Description: Deliver training and seminars for management and staff in accordance with plans.

Due Date: 09/30/23

23Pt.46A3 - Internal Target: Develop Contracting Specialists

Owner: Timothy Evans

Description: Expand the acquisition/procurement skillset of at least two team members by assuming COR support for additional AJI contracts currently supported within AJI 1 and/or AJI 3 with at least one by December 31, 2023, resulting in the experience necessary to increase COR certification by one level within eight months thereafter.

Due Date: 08/31/23

23Pt.47 - Internal Initiative: Workforce Development and Recruiting

Owner: Antoine Charles

Description: Maintain a highly skilled workforce. Recruit and develop workforce to meet future demands and challenges and fulfill technical and managerial needs.

23Pt.47A - Internal Activity: Rotational Development Exchange Program

Owner: Adrienne Dent

Description: Implement approved RDE Program as the Pilot RDE Program that ensure rotational development or exchange program assignments selected in coordination with AHR, for ANG's Non-Manager workforce that are designed to enhance selected knowledge and/or skill(s) sets of participants.

23Pt.47A1 - Internal Target: Design and Develop Rotational Development Exchange Program

Owner: Adrienne Dent

Description: Stand-up RDE program during the first quarter FY'23 to increase leadership skills, technical skills and competencies of our non-managerial workforce.

Due Date: 09/30/23

23Pt.47A2 - Internal Target: Prepare and distribute quarterly report on Rotational Development Exchange Program implementation status

Owner: Adrienne Dent

Description: Prepare presentation for senior management review and awareness, quarterly Rotational Development Exchange (RDE) Program implementation status, program activities and related actions to include Directorates support and participation

Due Date: 09/30/23

23Pt.47A3 - Internal Target: Develop Rotational Development Exchange Detail Assignment Calendar as provided in Program Implementation Plan

Owner: Adrienne Dent

Description: Design, develop and distribute calendar of rotational development detail assignments within ANG and in collaboration with other FAA LOB/SO's.

Due Date: 09/30/23

23Pt.47A4 - Internal Target: Rotational Development Exchange Merger in support of the ANG Succession Plan

Owner: Adrienne Dent

Description: Equip workforce with technical and non-technical knowledge and skills to foster innovation, create solutions, and positively influence others in service of mission accomplishment.

Due Date: 09/30/23

23Pt.47A5 - Internal Target: Pilot the Rotational Development Program

Owner: Adrienne Dent

Description: Pilot the program within the first quarter FY'23, by offering up to five detail opportunities within ANG.

Due Date: 09/30/23

23Pt.47B - Internal Activity: Technical Curriculum Implementation

Owner: Adrienne Dent

Description: Equip workforce with technical and non-technical knowledge and skills to foster innovation, create solutions, and positively influence others in service of mission accomplishment.

23Pt.47B1 - Internal Target: Training Events

Owner: Adrienne Dent

Description: Each month, distribute a three-month rolling calendar of upcoming training events and associated seat allocations to each ANG Directorate for use in matching and enrolling employees with most valuable opportunities. (Due: By the 15th of the month prior to when calendar is effective).

Due Date: 09/30/23

23Pt.47B2 - Internal Target: Publish & Distribute Monthly Report

Owner: Adrienne Dent

Description: Publish and distribute a monthly report of: 1) enrollments and seats available by Directorate for each sponsored Tech Curriculum course to be delivered in the upcoming month; and 2) completions by Directorate for courses delivered in the prior month. (Due: By 20th business day of each month.) Publish and distribute a weekly Corporate Training Report of training completions status and distribute to ANG Managers to reflect completions and progress only. Otherwise will be reflected in a monthly report.

Due Date: 09/30/23

23Pt.47B3 - Internal Target: Tech Talks Speaker-Series

Owner: Adrienne Dent

Description: Bring in and promote at least eight speakers over the year from inside and outside the FAA as part of ANG's Tech Talk Tuesday speaker series.

Due Date: 09/30/23

23Pt.47B4 - Internal Target: Tech Curriculum Training Tracking and Reporting

Owner: Adrienne Dent

Description: Monthly, upload into eLMS each Directorates Tech Curriculum training from their planned tech curriculum training schedules. Create and deliver the required training format for transmission and delivery of the training data to be uploaded to eLMS and the ANG Action Tracker and share with Directorate training POCs. All Tech Curriculum Training recorded must be uploaded to employee learning profiles within 30 days of receipt from the Directorate POCs.

Due Date: 09/30/23

23Pt.47C - Internal Activity: Managerial Leadership Development for Non-managers

Owner: Adrienne Dent

Description: Build capabilities of non-managers to perform more effectively and produce positive outcomes in informal or formal leadership and managerial roles.

23Pt.47C1 - Internal Target: Non-management Leadership Development Curriculum

Owner: Adrienne Dent

Description: Continue to offer monthly training and development courses to ANG non-managerial workforce throughout the year with emphasis on enhancing managerial and leadership competencies.

Due Date: 09/30/23

23Pt.47D - Internal Activity: Continue to Institutionalize the Technical and Research and Development Curricula

Owner: Annie Augustin

Description: Collaborate across the NextGen (ANG) organization to institutionalize the technical and research and development curricula. Incorporate results of the Align Processes and Systems effort, as appropriate. The result of this effort will be an ANG organization that understands and utilizes the Technical and Research and Development Curricula as a tool for employee growth and development.

Core Coordinated: Agreed

23Pt.47D1 - Internal Target: Engage Workforce to Implement Technical and Research and Development Curricula

Owner: Annie Augustin

Description: Develop and implement at least two targeted communications efforts to engage employees and managers to create accountability for further curricula implementation.

Due Date: 09/30/23

23Pt.47D2 - Internal Target: Evaluate Effectiveness

Owner: Annie Augustin

Description: Develop and execute a plan, based on metrics and feedback, to evaluate the effectiveness of the technical and research and development curricula.

Due Date: 09/30/23

23Pt.47D3 - Internal Target: Optimize Processes and Systems

Owner: Annie Augustin

Description: Review and continue to implement the institutionalization process by integrating curriculum components into the recruitment, onboarding, and performance management processes.

Due Date: 04/30/23

23Pt.47D4 - Internal Target: Engage Workforce to Enhance Understanding of Operational Shortfall Analysis through Machine Learning Implementations

Owner: Dave Knorr

Description: Sponsor at least two information sessions on machine learning and data analysis related to operational shortfalls to engage employees, managers, and external stakeholders.

Due Date: 09/30/23

23Pt.47E - Internal Activity: Recruitment - NextGen Gateway Program

Owner: Sheila Franklin-Smallwood

Description: Recruit and hire student Interns to assist in the agencies succession planning goals.

Core Coordinated: Agreed

23Pt.47E1 - Internal Target: Recruit Students to Gateways Program

Owner: Sheila Franklin-Smallwood

Description: Subject to position availability, recruit new students into the NextGen Gateway student internship program in order to assist in the agency's succession planning.

Due Date: 09/30/23

23Pt.47E2 - Internal Target: Convert Gateways Interns to Full-Time Permanent Employees

Owner: Sheila Franklin-Smallwood

Description: Subject to position and funding availability, convert program participants to full-time permanent employees without further competition, after successful completion of the program.

Due Date: 09/30/23

23Pt.48 - Internal Initiative: ATO Organizational Effectiveness – Develop a Workforce for a Modern Operation

Owner: David Spencer

Description: Working collaboratively with Management Services (AJG) senior leadership to design, plan and implement solutions that improve their service delivery, organizational culture and overall performance for the ATO.

23Pt.48A - Internal Activity: ATO Collaboration and Organizational Development Programs and Services [Core Work]

Owner: Ali McDermott

Description: Provide ATO-wide support with organizational development activities as core work.

23Pt.48A1 - Internal Target: Collaboration Programs and Services

Owner: Marc Galeski

Description: Provide at least 60 collaboration training sessions, alignments, engagements, trainings and development sessions to at least 800 participants in a hybrid learning model that may include virtual and/or in-person interaction.

Due Date: 09/30/23

23Pt.48A2 - Internal Target: Organizational Development Programs and Services

Owner: Amanda Moore

Description: Provide at least 60 organizational development workshops, trainings, strategic facilitations, consultations, engagements, trainings, assessments and/or development/coaching sessions to at least 750 participants in a hybrid learning model that may include virtual and/or in-person interaction.

Due Date: 09/30/23

23Pt.48B - Internal Activity: Coaching Program [Continuous Improvement]

Owner: Ali McDermott

Description: Increase the operational impact of the Coaching Program.

23Pt.48B1 - Internal Target: Increase the Operational Impact of the Coaching Program

Owner: Brian Harmelink

Description: Provide targeted coaching for at least 20 NAS facility employees and support ATO coaching programs/providers. Gather client feedback on program effectiveness and assess the need for future enhancements.

Due Date: 09/30/23

23Pt.48C - Internal Activity: Partnering with ATO Customers [Continuous Improvement]

Owner: David Spencer

Description: Implement a strategy to optimize partnering with AJG customers.

23Pt.48C1 - Internal Target: Initial Interviews with Service Units

Owner: David Spencer

Description: Complete conversations/interviews with each Service Unit.

Due Date: 11/30/22

23Pt.48C2 - Internal Target: Directorate Action Plans

Owner: David Spencer

Description: Complete directorate action plans with at least three goals/priorities.

Due Date: 01/31/23

23Pt.48C3 - Internal Target: Communicate Progress

Owner: David Spencer

Description: Communicate progress on action plans, including ICTs, CPI initiatives in the Community Metrics brief (at least quarterly).

Due Date: 09/30/23

23Pt.48C4 - Internal Target: Continual Customer Conversations

Owner: David Spencer

Description: Conduct conversations/interviews (at least twice a year).

Due Date: 09/30/23

23Pt.49 - Internal Initiative: ATO Employee Engagement- Develop a Workforce for a Modern Operation

Owner: David Spencer

Description: Promote ATO Employee Engagement across Service Units.

23Pt.49A - Internal Activity: ATO Employee Engagement [Communication]

Owner: David Spencer

Description: Promote ATO Employee Engagement efforts across Service Units.

23Pt.49A1 - Internal Target: ATO Employee Engagement

Owner: Karen Long

Description: Lead the ATO Employee Engagement Captains by defining, promoting and executing FAA Employee Engagement strategies. Facilitate ATO Captains meetings. Represent the ATO at AHR's Community of Practice forums. Deliver Employee Engagement results to ATO leadership.

Due Date: 09/30/23

23Pt.49A2 - Internal Target: ATO Employee Engagement

Owner: Karen Long

Description: Analyze, assess, and review ATO FEVS response rates. Based on FEVS results, determine EEI sub-indexes for intrinsic work experience, leadership, and supervisory to develop strategies for increasing employee engagement scores. Engage and deliver briefings with SU leaders on action plans, drivers, and recommendations for promoting employee engagement in their respective organizations. Strengthen the meaningfulness of the FEVS results by developing strategies across ATO service units to increase awareness of the survey and augment our overall response rate.

Due Date: 09/30/23

23Pt.50 - Internal Initiative: AJG-P Organizational Development and Effectiveness – Develop a Workforce for a Modern Operation

Owner: Tim Hall

Description: Organization Development is a strategy intended to change the beliefs, behavior, values, culture, and structure of organizations so that they can better adapt to new technologies, workplace requirements and challenges. Business Acumen and Technical knowledge are key to empowering our workforce. Organizational Development methods are used to improve Organizational Effectiveness. Effective organizations create results, and exhibit strengths in key areas – leadership, decision making and structure, people, work processes and systems, and culture. Effective organizations deliver results.

23Pt.50A - Internal Activity: Directorate Business Process Management [Continuous Improvement]

Owner: Tim Hall

Description: Proactively identify, analyze, and improve existing business processes within the ATO People Services directorate.

23Pt.50A1 - Internal Target: Directorate Continuous Process Improvement (CPI) Project Identification

Owner: Amy Helm

Description: Choose next set of business processes with at least one (1) per Group, establish workgroup teams and initiate business process improvement activities, with the intent of expanding efforts to additional employees.

Due Date: 03/31/23

23Pt.50A2 - Internal Target: Continuous Process Improvement (CPI) Strategy for Directorate

Owner: Amy Helm

Description: Hold bi-monthly CPI project status reviews by group managers for active process improvement efforts (includes new projects identified in 23Pt.50A1 as well as any remaining projects from the previous fiscal year) and report out results upon project completion.

Due Date: 09/30/23

23Pt.50A3 - Internal Target: Performance Measurement & Reporting Strategy for Directorate

Owner: Amy Helm

Description: Identify and perform quarterly reviews of metrics and customer feedback/input to develop recommendations and action plans for continuous improvement.

Due Date: 09/30/23

23Pt.50A4 - Internal Target: Organizational Change Requests (OCR) Process for Reorganizations/Realignments

Owner: Renee Anderson

Description: Review the OCR process to clearly identify AJG POC responsibilities, make improvements, and update SOP.

Due Date: 04/30/23

23Pt.50B - Internal Activity: Placement Process for FY23 FAA Academy ATCS Graduates [Continuous Improvement]

Owner: Christina Kominoth

Description: Review the academy placement process to consider # of facilities offered, optional placements, and OCONUS placements.

23Pt.50B1 - Internal Target: Placement Process Recommendations

Owner: James Goelz

Description: Develop a list of recommendations to revise the Placement Process for FAA Academy ATCS Graduates. Provide recommendations to AJT for concurrence.

Due Date: 01/31/23

23Pt.50B2 - Internal Target: Revised Placement Process SOP and FAST Tool

Owner: James Goelz

Description: Update the Placement Process Standard Operating Procedure (SOP). Perform updates to FAST Tool.

Due Date: 03/31/23

23Pt.50B3 - Internal Target: Communicate the Revised Placement Process

Owner: James Goelz

Description: Develop a communication plan to increase awareness and understanding of the Placement Process. Codify process for changes/updates to the Placement Process (e.g. how requested, approval levels, etc.). Initiate Pilot for revised Placement Process.

Due Date: 06/30/23

23Pt.50C - Internal Activity: Validate the ATC Priority Placement Process [Continuous Improvement]

Owner: Christina Kominoth

Description: Lead a cross service unit stakeholder group to validate and/or update the Priority Placement Tool (PPT) criteria.

23Pt.50C1 - Internal Target: PPT Change Management

Owner: Taurice Mcmillan

Description: Codify process for PPT feedback, changes, and updates. (e.g., group email, FAQ, document process, etc.). Identify process for vetting long-term PPT calculation reviews.

Due Date: 03/31/23

23Pt.50C2 - Internal Target: Requirements Documentation for Revisions and Develop Recommendation

Owner: Taurice Mcmillan

Description: Develop requirements documentation for potential revisions to the PPT and run PPT based on new criteria. Develop recommendation for revised PPT and provide to AJT and NATCA for concurrence and implementation.

Due Date: 06/30/23

23Pt.50C3 - Internal Target: Communicate PPT Features and Usage

Owner: Taurice Mcmillan

Description: Develop a communication plan to increase awareness and understanding of the PPT's use.

Due Date: 09/30/23

23Pt.51 - Internal Initiative: ATO Policy Oversight Services - Develop a Workforce for a Modern Operation

Owner: Tim Hall

Description: Implementation of Policy and Organizations, Performance Management and Recognition, Correspondence, Records, and Directives Management, Time & Attendance, VLTP support, Telework Coordinator.

23Pt.51A - Internal Activity: ATO Performance Management and Maintenance [CORE WORK - Service Delivery]

Owner: Renee Anderson

Description: ATO Performance Management and Maintenance.

23Pt.51A1 - Internal Target: Performance Management Activities

Owner: Zena Huen

Description: Ensure performance management activities are executed in accordance with policy and Agency edicts and goals in the systems designed to capture such actions. These include but are not limited to Valuing Performance (VP), Performance Management (PMAS), and Executive Performance Agreements (USAP).
Task 1: Report on final ratings completed for ATO employees. Due December 31, 2022
Task 2: Report on initial performance plans completed for ATO employees for FY23. Due December 31, 2022
Task 3: Report on mid-cycles completed for FY23. Due May 31, 2023

Due Date: 07/31/23

23Pt.51A2 - Internal Target: ATO Training for Performance Management Systems

Owner: Zena Huen

Description: Conduct/facilitate/communicate training throughout the ATO for performance management programs and systems quarterly. Finalize implementation of VPS sunset and integration into PMAS.

Due Date: 10/31/22

23Pt.51A3 - Internal Target: Process Length of Service (LOS) Awards

Owner: Zena Huen

Description: Ensure Length of Service (LOS) certificates are accurately processed by due date according to Agency policy. Establish process for electronically disseminating Length of Service (LOS) Awards in conjunction with AHR. First milestone is planned for December 31, 2022.

Due Date: 09/30/23

23Pt.51A4 - Internal Target: Internal and External Awards

Owner: Zena Huen

Description: Ensure internal and external awards are executed by due date with one week lead-time for approval. Update and publish calendar of activities for external awards which provides lead time for participation and approvals. Provide information and tracking for the internal AJG Coin program on a monthly basis.

Due Date: 09/30/23

23Pt.51B - Internal Activity: Perform ATO Policy Oversight Services Group Core Activities [CORE WORK - Service Delivery]

Owner: Renee Anderson

Description: Review CASTLE, LDR and Telework entry activities on bi-weekly basis. Coordinate AJG correspondence for review and approval. Provide information and schedules for records within the ATO. Provide Directives management.

23Pt.51B1 - Internal Target: Review CASTLE, LDR and Telework activities on bi-weekly basis

Owner: Renee Anderson

Description: Ensure 90% of CASTLE activities are completed biweekly. Implement telework requests within 1 working day of receipt. Monitor LDR compliance and assure ATO contributes to 98% completion Agency-wide on a monthly basis. Establish guide for standardized usage of LDR codes throughout AJG. First milestone is due by December 31, 2022.

Due Date: 09/30/23

23Pt.51B2 - Internal Target: Provide information and schedules for records within the ATO

Owner: Renee Anderson

Description: Develop tools to explain records management process in ATO. Participate in Agency-wide records management efforts as defined corporately (e.g., targeted Region/Service Area analysis, etc.). Implement guidance for retention of records in the telework/remote environment. Initial proposal is due by December 31, 2022.

Due Date: 09/30/23

23Pt.51C - Internal Activity: Reorganization/Realignment Change Process across ATO [CORE WORK - Service Delivery]

Owner: Renee Anderson

Description: Align ATO reorganization/realignment change process with Agency edicts. Facilitate implementation of Agency human resource policies throughout the ATO.

23Pt.51C1 - Internal Target: Revise and Implement JO 1100

Owner: Angel Black

Description: Revise and implement JO 1100 to produce specific functional descriptions to the directorate-level for organizations in ATO.

Due Date: 09/30/23

23Pt.51C2 - Internal Target: Special Projects such as VERA/VSIP, ETTRA, Furlough Codes

Owner: Angel Black

Description: Develop and implement quality control initiatives and lessons learned for special project efforts such as VERA/VSIP, ETTRA, etc.

Due Date: 09/30/23

23Pt.51C3 - Internal Target: Coordinate AHR policies for review and approval

Owner: Angel Black

Description:
Develop and implement procedures for efficient flow of Agency edicts within the ATO. Disseminate draft policies for review within 1 business day. Conduct policy conferences for edicts which have significant impact on the ATO.

Due Date: 09/30/23

23Pt.52 - Internal Initiative: HQ Administrative Services Group - Develop a Workforce for a Modern Operation

Owner: Tim Hall

Description: Support ATO's operational focus by delivering new efficiencies in the preparation and routing of personnel action paperwork, in supporting managers in hire selection and in producing internal personnel reports. Support ATO and FAA efforts to increase workforce diversity.

23Pt.52A - Internal Activity: Standardize and optimize Administrative Services Group support to ATO Service Units [Communication]

Owner: Christine Kling

Description: Develop standardized metrics, reports, support aids and customer meeting schedules for consistent support to ATO Service Units.

23Pt.52A1 - Internal Target: Develop Service Unit Standardized Reports

Owner: Christine Kling

Description: Utilizing feedback from FY22, continue to mature Personnel Action scorecard for each service unit, incorporating RMG data for AJV, AJT, AJW.

Due Date: 03/31/23

23Pt.52A2 - Internal Target: Establish an AJG Onboarding Program

Owner: Christine Kling

Description: Fully implement Onboarding program for new AJG employees. Work with Service Units to share template to be customized.

Due Date: 02/28/23

23Pt.52A3 - Internal Target: Process Improvement and Stakeholder Consultation

Owner: Christine Kling

Description: Review quarterly DEI&A scorecard metric specific to each Service Unit and develop recommendations to achieve their DEI&A goals. Hold strategic consultations with primary stakeholder to review.

Due Date: 09/30/23

23Pt.52A4 - Internal Target: Conference Participation

Owner: Christine Kling

Description: Participate in and support ATO executive leadership participation in at least two EA conferences that have a focus on Diversity, Equity, Inclusion and Accessibility.

Due Date: 09/30/23

23Pt.52A5 - Internal Target: Support of Key AHR Programs

Owner: Christine Kling

Description: Provide support to intern programs by facilitating the Minority Serving Institutions (MSI). Develop and implement procedures for acquiring and hosting MSIs. Initial proposal is due by December 31, 2022. Activity ongoing with completion by due date. Examine consolidation of all intern programs.

Due Date: 04/30/23

23Pt.53 - Internal Initiative: Technical Workforce Planning - Develop a Workforce for a Modern Operation

Owner: Tim Hall

Description: ATO Technical Workforce Planning.

23Pt.53A - Internal Activity: Air Traffic Controller Selection, Onboarding, and Placement [CORE WORK - Service Delivery]

Owner: Christina Kominoth

Description: Administer selection, onboarding, and placement for new ATCS students.

23Pt.53A1 - Internal Target: Air Traffic Controller Specialists (ATCS) Hiring

Owner: James Goelz

Description: Consistent with the Air Traffic Services (ATS) hiring needs, review referral lists, make selections, and onboard Air Traffic Controller Specialists (ATCS), both experienced (Track 2) and non-experienced (Track 1) within specified timelines to achieve the ATS hiring goals.

Due Date: 09/30/23

23Pt.53A2 - Internal Target: Placement for FY23 FAA Academy ATCS Graduates

Owner: James Goelz

Description: Facilitate placement for all FY23 FAA Academy successful ATCS graduates and all Track 2 Specialized Experience selectees.

Due Date: 09/30/23

23Pt.53C - Internal Activity: Airway Transportation System Specialist (ATSS) Hiring and Position Management [CORE WORK - Service Delivery]

Owner: Christina Kominoth

Description: Support ATO Technical Operations in achieving their technical hiring target and effective position management.

23Pt.53C1 - Internal Target: Hiring Process

Owner: Lara Schmidt

Description: Facilitate ATSS new hire process based on AJW Service Area provided hiring plans.

Due Date: 09/30/23

23Pt.53D - Internal Activity: AJW Technical Workforce Staffing [Continuous Improvement]

Owner: Christina Kominoth

Description: Assist AJW with Technical Workforce staffing activities at the national level.

23Pt.53D1 - Internal Target: Hiring Plan

Owner: Lara Schmidt

Description: Provide analysis and support updates to AJW FiT submissions.

Due Date: 09/30/23

23Pt.53D2 - Internal Target: Reporting Capability

Owner: Lara Schmidt

Description: Enhance reporting to include additional staffing information.

Due Date: 09/30/23

23Pt.53D3 - Internal Target: AJW Workforce Planning

Owner: Lara Schmidt

Description: Support the AJW Workforce Planning effort by participating as a core member of the Workforce Integration Tiger Team (WITT).

Due Date: 09/30/23

23Pt.53D4 - Internal Target: AJW Workforce Planning

Owner: Lara Schmidt

Description: Leverage WITT to identify future process improvement opportunities and gain stakeholder support and buy in.

Due Date: 09/30/23

23Pt.53E - Internal Activity: Staffing WorkBook Enhancements [Automation]

Owner: Christina Kominoth

Description: Enhance the performance and increase the reliability of Staffing Workbook.

23Pt.53E1 - Internal Target: Additional Source Data

Owner: Haley Yauk

Description: Continually review opportunities for additional source data and add two additional sources to the SWB database.

Due Date: 09/30/23

23Pt.53E2 - Internal Target: Additional QA / QC

Owner: Haley Yauk

Description: Implement more QA/QC to increase accuracy and reliability of employee specific data elements.

Due Date: 07/31/23

23Pt.53E3 - Internal Target: Expand functionality of Staffing Workbook

Owner: Haley Yauk

Description: Incorporate eAwards and Staffing Management Tool into SWB.

Due Date: 03/31/23

23Pt.53F - Internal Activity: APAT 2.0 [Automation]

Owner: Christina Kominoth

Description: Incorporate APAT 2.0 into Staffing Workbook.

23Pt.53F1 - Internal Target: Define and Prototype

Owner: Haley Yauk

Description: Transition APAT to Staffing Workbook and initiate testing.

Due Date: 05/31/23

23Pt.53F2 - Internal Target: Communication and Training

Owner: Haley Yauk

Description: Develop and implement communication and training schedule.

Due Date: 07/31/23

23Pt.53F3 - Internal Target: Implement APAT in Staffing Workbook

Owner: Haley Yauk

Description: Launch APAT in SWB.

Due Date: 09/30/23

23Pt.54 - Internal Initiative: Integrated Talent Management – Develop a Workforce for a Modern Operation

Owner: Christopher Wilbanks

Description: Provide integrated talent management support to the ATO that addresses critical talent issues for the Service Units, to include: customized leadership development, career and succession planning programs and services, including some low to no-cost development opportunities. Collaborate with internal and external partners and stakeholders to leverage ATO and corporate programs and services to provide the right skills to the right people at the right time to meet the ATO's tactical and strategic needs. Provide consultation and technical subject matter expertise to ATO executive leadership and their supporting management teams on 11 Collective Bargaining Agreements (CBAs) covering 18 bargaining units and over 25,000 employees. Ensure labor relations/agency policies are applied consistently throughout the Agency by providing technical expertise on the application of the ATO CBAs to other lines of business and staff offices to solve a variety of complex issues involving: Civil Rights, EEO, Security, Human Resources, Labor Relations, and Aerospace Medicine.

23Pt.54A - Internal Activity: ATO Real-time, Critical and Evolving Issues

Owner: Russell Crouthamel

Description: Collaboratively address real-time, critical and evolving issues within the ATO in the area of labor relations with stakeholders and partners to include: onsite employee support with CISM and CISD services, manager training at multiple levels and leading interest-based problem solving efforts across the ATO.

23Pt.54A1 - Internal Target: Coordinate Critical Incident Stress Management (CISM) Program including Critical Incident Stress Debriefing (CISD) support for Air Traffic Services and Technical Operations Services

Owner: Aimee Shingleton

Description: Lead collaborative efforts to proactively manage the common disruptive physical, mental, and emotional factors that an employee may experience after a critical incident (aviation disaster with loss of life, death of a coworker, terrorism, bomb threats, exposure to toxic materials, prolonged rescue or recovery operations or natural disasters). Support efforts to ensure annual and one time training is provided to peer de-briefers as required by the CBAs.

Due Date: 09/30/23

23Pt.54A2 - Internal Target: Support delivery of Succeeding in Your First Year (SYFY), Operations Manager Leadership Development Program for Air Traffic (OMLDP-AT) and Tech Ops (OMLDP-TO), Front Line Managers Operational Workshops (FLMOW) and Operations Supervisor Workshop (OSW)

Owner: Aimee Shingleton

Description: Identify, develop, and maintain a sustainable pipeline of facilitators to support the delivery of the Technical Labor module for all of the Succeeding in Your First Year (SYFY) workshop deliveries in FY23. Identify, develop, and maintain a sustainable pipeline of facilitators and SMEs to support the development and or delivery of Operations Manager Leadership Development Program - Air Traffic (OMLDP-AT) and the Operations Manager Leadership Development Program – Technical Operations (OMLDP-TO) workshops. Identify, develop, and maintain a sustainable pipeline of facilitators to support the delivery of the Technical Labor module for all Operations Supervisor Workshops (OSW) and Front Line Managers Operational Workshops (FLMOW).

Due Date: 09/30/23

23Pt.54B - Internal Activity: Lead Collective Bargaining Agreement negotiation and training efforts for the ATO

Owner: Russell Crouthamel

Description: Lead and/or support ATO efforts to negotiate Collective Bargaining Agreements (CBAs) including training and implementation. Provide refresher training on CBAs that were extended for multiple years i.e. NATCA Slate book.

23Pt.54B1 - Internal Target: PASS Collective Bargaining Agreement (CBA) Negotiations

Owner: Sarah Flotteron

Description: Support CBA negotiations for the Professional Aviation Safety Specialists (PASS) ATO CBA including training and implementation.

Due Date: 09/30/23

23Pt.54B2 - Internal Target: NAGE Collective Bargaining Agreement (CBA) Negotiations

Owner: Aimee Shingleton

Description: Support CBA negotiations for the National Association of Government Employees (NAGE) ATO CBA, including training and implementation.

Due Date: 09/30/23

23Pt.54B3 - Internal Target: Collective Bargaining Agreement (CBA) refresher training for ATO managers

Owner: Aimee Shingleton

Description: Support design and delivery of CBA refresher training for ATO Managers at the request of senior leadership including but not limited to delivering training for AJT Managers on the National Air Traffic Controllers Association (NATCA) slate book and the Professional Aviation Safety Specialists (PASS) green book.

Due Date: 09/30/23

23Pt.54C - Internal Activity: Deliver Career Planning and Professional Development Solutions

Owner: Melissa Isaacs-Marks

Description: Deliver career planning and professional development programs and services that meet the critical development needs of the ATO to include support for the ATO Career Services Center (CSC) and the ATO Career Planning Program (ATO-CPP). Deliveries of programs and services are subject to availability of funds.

23Pt.54C1 - Internal Target: Deliver Career Services Center (CSC) / Career Planning Program (ATO-CPP) Training Events

Owner: Jess Robinson

Description: Deliver a minimum of 35 training events, including webinars, presentations, workshops, and related events supporting the ATO Career Services Center (CSC) and the ATO Career Planning Program (ATO-CPP). Increase participation in ATO Career Services Center (CSC) training events, webinars, and kiosks to a minimum of 1,300 participants in FY23.

Due Date: 09/30/23

23Pt.54C2 - Internal Target: Implement Customer Facing Dashboard

Owner: Christopher Poulin

Description: Create outward facing dashboard supporting managers on Employee Development’s products and services that supports management’s needs and awareness.

Due Date: 09/30/23

23Pt.54C3 - Internal Target: Career Planning Tool (CPT) New Position Development

Owner: Jess Robinson

Description: Implement a new job analysis methodology and add a minimum of two (2) new positions to the Career Planning Tool (CPT). This initiative is part of a CAMI grant where AJG-L3, via a vendor is streamlining the CPT process. The vendor product is two (2) new positions utilizing the process.

Due Date: 09/30/23

23Pt.54D - Internal Activity: Deliver Leadership Development Solutions

Owner: Melissa Isaacs-Marks

Description: Deliver leadership development programs and services that meet the critical development needs of the ATO to include: Leaders Teaching Leaders (LTL), Operations Manager Leadership Development Program - Air Traffic (OMLDP-AT), Operations Manager Leadership Development Program - Technical Operations (OMLDP-TO), Air Traffic Manager Leadership Development Program (ATM-LCP), and Succeeding in Your First Year (SYFY). Deliveries of programs/services are subject to availability of funds.

23Pt.54D1 - Internal Target: Deliver Leaders Teaching Leaders (LTL)

Owner: Sarah Goldfarb

Description: (a) Deliver Leaders Teaching Leaders (LTL) facilitator training nationwide to support in-person and virtual delivery of FY23 LTL curriculum; (b) Ensure at least 95% of reportable ATO districts hold local LTL sessions through analysis of submitted rosters.

Due Date: 09/30/23

23Pt.54D2 - Internal Target: Design the Operations Manager Leadership Development Program - Air Traffic (OMLDP-AT) and Operations Manager Leadership Development Program - Technical Operations (OMLDP-TO)

Owner: Sarah Goldfarb

Description: Develop and Design Operations Manager Leadership Development Program - Air Traffic (OMLDP-AT) for FY24 workshop. Lead the design and delivery of a minimum of three (3) Operations Manager Leadership Development Program - Technical Operations (OMLDP-TO) workshops.

Due Date: 09/30/23

23Pt.54D3 - Internal Target: Develop and Deliver Succeeding in Your First Year (SYFY)

Owner: Sarah Goldfarb

Description: Deliver a minimum of 12 Succeeding in Your First Year (SYFY) workshops.

Due Date: 09/30/23

23Pt.54E - Internal Activity: Deliver Succession Planning Solutions

Owner: Melissa Isaacs-Marks

Description: Deliver succession planning programs and services that meet the critical development needs of the ATO, to include: the Air Traffic Leadership Development Program (ATLDP), the Technical Operations Leadership Development Program (TOLDP), and the ATO Succession Planning Program (ATO-SPP). Deliveries of programs/services are subject to availability of funds.

23Pt.54E1 - Internal Target: Deliver the Air Traffic Leadership Development Program (ATLDP) and Technical Operations Leadership Development Program (TOLDP)

Owner: Jess Robinson

Description: Deploy the Air Traffic Leadership Development Program (ATLDP) to three (3) cohorts to include three workshops and three Day in the Life simulations. Deploy the Technical Operations Leadership Development Program (TOLDP) to two (2) cohorts to include two workshops and Day in the Life simulations.

Due Date: 06/30/23

23Pt.54E2 - Internal Target: Deliver the ATO Succession Planning Program (ATO-SPP)

Owner: Jess Robinson

Description: Deploy the ATO Succession Planning Program (ATO-SPP) to 1 cohort (year 1 activities supporting development and launch of 1 talent pool).

Due Date: 09/30/23

23Pt.56 - Internal Initiative: I9 Workforce Development and Training (SP)

Owner: Suzanne Chandler

Description: AVS provides and maintains a well-trained workforce that aligns with enterprise needs. As new required skills and competencies are periodically identified, the needed staff and training resources are located or developed. The AVS environment supports learning, diversity, and inclusion to allow the workforce to adapt rapidly to emerging needs.

23Pt.56A - Internal Activity: A1 AVS Core Positions

Owner: Suzanne Chandler

Description: Identify AVS Core positions, assess position development and training requirements, and give priority to positions according to organizational objectives.

23Pt.56A1 - Internal Target: Training Requirements

Owner: Suzanne Chandler

Description: Evaluate Training Requirements with updated JTAs to determine gaps.

Due Date: 10/01/22

23Pt.56B - Internal Activity: A2 Learning Programs

Owner: Suzanne Chandler

Description: Evaluate the AVS learning programs to determine each program's strengths/weaknesses and to guide subsequent improvements.

23Pt.56B1 - Internal Target: Priority Learning Programs

Owner: Suzanne Chandler

Description: Evaluate priority learning programs in response to external recommendations and findings to determine if meeting operational need.

Due Date: 10/01/22

23Pt.56C - Internal Activity: A3 Learning Strategy

Owner: Suzanne Chandler

Description: Develop a coordinated, sustainable, high-level AVS learning strategy and tactical plan to target directions, resource requirements and success metrics, revisit and refine the plan annually.

23Pt.56C1 - Internal Target: Oversight Plan

Owner: Suzanne Chandler

Description: Develop an AVS learning development strategy and oversight plan.

Due Date: 10/01/22

23Pt.56D - Internal Activity: A4 Measures and Metrics

Owner: Suzanne Chandler

Description: Identify, develop and implement efficiency and effectiveness measures and metrics to track the cost and impact of training.

23Pt.56D1 - Internal Target: Dashboard Implementation

Owner: Suzanne Chandler

Description: Implement the AVS Training Dashboard priorities.

Due Date: 10/01/22

23Pt.57 - Internal Initiative: Workforce Transformation

Owner: Kevin Willis

Description: Manage talent through recruitment, training, retention and awards programs.

23Pt.57B - Internal Activity: Develop a Program emphasizing the Fundamentals of Planning and Compliance

Owner: Kevin Willis

Description: Take a proactive approach to achieve compliance – examine existing and potential compliance issues as part of a planning project.

23Pt.57B1 - Internal Target: Fundamentals of Planning and Compliance Program

Owner: Kevin Willis

Description: Establish a HQ/Regional working group to develop initiatives to incorporate compliance principles and requirements into airport planning and programming processes.

Due Date: 01/31/23

23Pt.57B2 - Internal Target: Fundamentals of Planning and Compliance

Owner: Kevin Willis

Description: Work with APP to update master planning guidance that incorporates compliance principles and requirements.

Due Date: 09/30/23

23Pt.57B3 - Internal Target: Fundamentals of Planning and Compliance

Owner: Kevin Willis

Description: Increase the number of sessions of the new case study class

Due Date: 09/30/23

23Pt.57C - Internal Activity: Expand recruitment outreach

Owner: Sabreenah Key

Description: Expand awareness among diverse audiences of career opportunities within ARP.

23Pt.57C1 - Internal Target: Recruitment Event

Owner: Sabreenah Key

Description: Participate in at least one virtual or in-person recruitment event as presented or sponsored by the Agency.

Due Date: 09/30/23

23Pt.57C2 - Internal Target: Development Activities

Owner: Kristi Warden

Description: As part of succession planning, select at least two critical positions from the projected vacancy list and identify necessary development activities.

Due Date: 04/30/23

23Pt.57D - Internal Activity: Review previous workload drivers from the ARP 2012 Staffing Study

Owner: Sabreenah Key

Description: In collaboration with Financial Services, Metrics Division (ALA-400), identify opportunities for efficiency and workload analysis for organization structure review and improved workload balance.

23Pt.57D1 - Internal Target: Workload analysis and organizational structure review

Owner: Susan Mowery-Schalk

Description: SRMC to review findings from Financial Services, Metrics Division (ALA-400) of the Airports Staffing Template. The staffing study will confirm currency of the workload drivers from the 2012 template formula and review assumptions used to align the workforce based on the drivers to validate the formula basis.

Due Date: 03/31/23

23Pt.57D2 - Internal Target: Workload analysis and organizational structure review

Owner: Susan Mowery-Schalk

Description: Present findings from AFN to Directors along with SRMC recommendations for actions to be taken based on the ALA-400 review of the Airports Staffing Template.

Due Date: 05/30/23

23Pt.57D3 - Internal Target: Workload analysis and organizational structure review

Owner: Susan Mowery-Schalk

Description: Based on recommendations from AFN, and after the SRMC and Director review, an updated alignment for ARP staffing will be presented to ARP-1/2 for consideration.

Due Date: 09/01/23

23Pt.57E - Internal Activity: Support FAA's STEM/AVSED efforts

Owner: Julie Seltsam

Description: Support and promote ARA STEM AVSED outreach engagements with students to encourage participation in pathway activities that will lead to aerospace careers.

23Pt.57E1 - Internal Target: Support Pipelines and Pathways to Aerospace Careers

Owner: Julie Seltsam

Description: Create an LOB specific activity designed to help promote ongoing engagement with students that will assist in providing them with exposure to aerospace careers.

Due Date: 09/15/23

23Pt.57E2 - Internal Target: STEM for Every Student

Owner: Julie Seltsam

Description: Provide ARP employees involved in STEM AVSED with training, resources, tools, and opportunities to incorporate equity, diversity, and inclusion into their outreach.

Due Date: 09/15/23

23Pt.57E3 - Internal Target: Cross-Agency STEM Collaboration to Optimize the Program

Owner: Julie Seltsam

Description: Provide one ARP manger and one ARP executive to support the National STEM AVSED Steering Committee and Executive Board.

Due Date: 09/15/23

23Pt.59 - Internal Initiative: Executive Recruitment Resume-Based Application Method Pilot

Owner: Joyce Smothers

Description: Expand and evaluate the resume-based application method pilot for executive vacancies.

23Pt.59A - Internal Activity: Expand and evaluate Executive Recruitment Procedures

Owner: Kimberly Brooks

Description: Expand the pilot for the resume-based application method for Executive recruitment.

23Pt.59A1 - Internal Target: Resume-based Recruitment Approach

Owner: Kimberly Brooks

Description: Expand the resume-based application method to at least one additional Line of Business/Staff Office.

Due Date: 09/30/23

23Pt.59A2 - Internal Target: Collect and Analyze Pilot Metrics

Owner: Kimberly Brooks

Description: Collect and analyze pilot metrics on specific data points to make a recommendation to AHR leadership on whether the application method should end, continue with current or additional LOBs/SOs, or be implemented agency-wide.

Due Date: 09/30/23

23Pt.60 - Internal Initiative: Expand use of Automation

Owner: Heather Fernuik

Description: Expand the use of process automation, robotics and technology to increase workforce capacity and to enhance service delivery.

23Pt.60A - Internal Activity: Develop Tools to Expedite Processes

Owner: Matthew Amato

Description: Identify, prioritize and implement technology enhancements to optimize service delivery and to enhance customer experience

23Pt.60A1 - Internal Target: Robotics Process Automation (RPA)

Owner: Matthew Amato

Description: Accelerate mission-critical application review through the use of Robotics Process Automation (RPA) by identifying at least five processes for RPA consideration and implementing at least two

Due Date: 09/30/23

23Pt.60A2 - Internal Target: AVIATOR Enhancements

Owner: Matthew Amato

Description: Improve the hiring manager's experience with referral lists by updating AVIATOR to batch application packages versus the current system of individual attachment clicks for each application.

Due Date: 09/30/23

23Pt.60A3 - Internal Target: Case Management System (CMS) Replacement Options

Owner: Jennifer Luttjohann

Description: Given AIT's planned sunset of Remedy, present options for the replacement CMS to AHR leadership. Upon selection of a replacement tool, develop a transition plan.

Due Date: 09/30/23

Global Leadership

Advance global aviation safety, operational excellence and innovation by leading and collaborating with aviation authorities globally

Global Aviation Safety and Security Enhancements

Improve global aviation safety and security through targeted assistance and collaboration, partnerships on aviation system safety oversight, streamlining regulatory environments, and promoting higher levels of global airspace and cyber security.

23Gj1 - Priority Initiative: Demonstrate continued global leadership on Advanced Air Mobility (AAM) standards and certification through international cooperation, collaboration, and engagement.

Owner: James Foltz

Description: Demonstrate continued global leadership on Advance Air Mobility (AAM) standards and certification through international cooperation, collaboration, and engagement. This work is a collaboration with ARP and ANG.

23Gj1A - Priority Activity: Create a global framework to harmonize Advanced Air Mobility (AAM) certification standards with the National Aviation Authorities (NAA) Network.

Owner: James Foltz

Description: Create a global framework to harmonize Advanced Air Mobility (AAM) certification standards with the National Aviation Authorities (NAA) Network

23Gj1A1 - Priority Target: Present the FAA Airworthiness Criteria for one appropriate AAM company to the NAA Network.

Owner: James Foltz

Description: Present the FAA Airworthiness Criteria for one appropriate AAM company to the NAA Network.

Due Date: 07/31/23

23Gj1A2 - Priority Target: Define the differences between Federal Aviation Administration (FAA) and UK’s airworthiness criteria and share with the NAA Network.

Owner: James Foltz

Description: Define the differences between Federal Aviation Administration (FAA) and UK’s airworthiness criteria and share with the NAA Network.

Due Date: 07/31/23

23Gj1A3 - Priority Target: Complete an initial set of Common Standards and Differences between the two frameworks to share among the five civil aviation authorities.

Owner: James Foltz

Description: Complete an initial set of Common Standards and Differences between the two frameworks to share among the five civil aviation authorities.

Due Date: 09/30/23

23Gj1A4 - Priority Target: Complete a FAA draft of the proposed AAM roadmap to include identification of phases of convergence on AAM Standards and Certification.

Owner: James Foltz

Description: Complete a FAA draft of the proposed AAM roadmap to include identification of phases of convergence on AAM Standards and Certification.

Due Date: 09/30/23

23Gj.1 - Internal Initiative: National Airspace System Global Information Security Standards

Owner: Gregory Burke

Description: Collaborate with International Civil Aviation Organization (ICAO), EUROCONTROL, Single European Sky Air Traffic Management (ATM) Research (SESAR), and other international partners to plan and develop a cybersecurity proof of concept to inform ICAO of requirements and policies needed to realize a global trust framework and to integrate the cybersecurity concept of operations into the Global Air Navigation Plan.

23Gj.1A - Internal Activity: Evolve National Airspace System (NAS) Global Information Security Standards

Owner: John Chung

Description: Collaborate with International Civil Aviation Organization (ICAO), EUROCONTROL, Single European Sky Air Traffic Management (ATM) Research (SESAR), and other international partners to develop a cyber-security proof of concept to inform ICAO of requirements and policies needed to realize a global trust framework and to integrate the cybersecurity concept of operations into the Global Air Navigation Plan.

23Gj.1A1 - Internal Target: Define International Civil Aviation Organization (ICAO) Trust Framework Organizational Alternatives

Owner: Robert Segers

Description: Coordinate with the Federal Aviation Administration (FAA) Lines of Business (LOBs), Interagency Group on International Aviation (IGIA) and select United State Government agencies to document the alternatives for governance implementation of the International Aviation Trust Framework (IATF) and to propose a preferred alternative. Develop Trust Framework International Civil Aviation Organization (ICAO) presentation describing the organizational alternative analysis approaches document.

Due Date: 08/31/23

23Gj.1A2 - Internal Target: Create Federal Aviation Administration (FAA) Certification Authority Policy Statement

Owner: Robert Segers

Description: Document the implementation of the Federal Aviation Administration (FAA) Certificate Authority in a certificate policy statement in alignment with International Aviation Trust Framework (IATF) certificate policy.

Due Date: 06/30/23

23Gj.2 - Internal Initiative: Promote State Safety Programs, as well as Regulatory Requirements for Airworthiness, Air Navigation, and Aerodrome Operations

Owner: Christopher Barks

Description: Increased complexity and volume of commercial aviation requires regulators to prioritize developing and maintaining regulations while advancing other risk-based safety enhancements to meet the needs of their ever-changing operations. Ensuring that the FAA effectively engages at the global, regional and country levels will result in international standardization of safety programs and regulations.

23Gj.2A - Internal Activity: Runway Safety Engagement and Improving Aerodrome Safety Culture

Owner: Christopher Barks

Description: U.S. airlines, corporate and private operators serve aerodromes in nearly every country in the world. Conditions at some foreign aerodromes are challenging due to lack of aerodrome improvements that has not kept pace with larger aircraft and higher traffic volumes. These challenges can have a negative impact on U.S. stakeholders serving these aerodromes. Leading aerodrome safety improvements not only improve the operational environment for U.S. operators, but create opportunities for U.S. aerodrome equipment manufacturers and service providers.
The FAA will assist Targeted aviation authorities and aerodrome operators with aerodrome certification, planning, assessment of State Safety Programs, and adoption of innovative technologies, equipment, and procedures in order to improve operational safety.

23Gj.2A1 - Internal Target: Runway Safety Best Practices

Owner: Christopher Barks

Description: Conduct at least two (2) events related to runway safety that showcase FAA best practices, including the delivery of FAA products such as the Runway Safety Action Team Workshop. These events will be identified by the Runway Safety and Airport Certification Working Group.

Due Date: 09/30/23

23Gj.3 - Internal Initiative: Cybersecurity in the Aviation Ecosystem

Owner: Melanie Boteler

Description: The FAA will develop strong relationships with external and government partners to enable a more informed threat and defense capability, and leverage information and defense actions needed to protect FAA systems and networks.

23Gj.3A - Internal Activity: International Cybersecurity Resilience

Owner: Molly Smith

Description: Promote common understanding of cyber threats, vulnerabilities, and resultant risk across the Aviation Ecosystem, and encourage information-sharing among government partners and Aviation stakeholders on aviation cybersecurity best practices and initiatives.

Core Coordinated: Agreed

23Gj.3A1 - Internal Target: International Cybersecurity Activities

Owner: Molly Smith

Description: Conduct a cybersecurity activity with at least two Civil Aviation Authorities, Air Navigation Service Providers or regional organizations to enhance cybersecurity partnerships.

Due Date: 09/30/23

23Gj.3A2 - Internal Target: Enhance Cybersecurity Collaboration and Coordination Across USG Interagency with International Focus

Owner: Katherine Rawls

Description: Leverage the Aviation Cyber Initiative (ACI) International Working Group to host a minimum of two meetings with additional US Government interagency stakeholders, such as the State Department Cyberspace and Digital Policy Bureau, Cybersecurity and Infrastructure Security Agency (CISA) International, Transportation Security Administration (TSA) and Office of the Director of National Intelligence (ODNI). Identify whether there are US Government-wide international cyber priorities with potential aviation implications that require further analysis (e.g. untrusted vendors). Deliver a report summarizing the outcomes to the Cybersecurity Steering Committee (CSC).

Core Coordinated: Agreed

Due Date: 09/30/23

23Gj.3A3 - Internal Target: International Aviation Trust Framework

Owner: Robert Segers

Description: Pending outcomes from 41st ICAO Assembly, develop messaging on the International Aviation Trust Framework (IATF) and determine which international partners would be likely to align with the USG for future collaboration.

Core Coordinated: Agreed

Due Date: 06/30/23

23Gj.3A4 - Internal Target: International Aviation Trust Framework Scope of Services for Global Information Protection

Owner: Robert Segers

Description: Develop a working paper on the scope of the services proposed for the International Aviation Trust Framework, with the intent of completing U.S. Government coordination in order to submit the working paper to the new ICAO Trust Framework Panel.

Core Coordinated: Agreed

Due Date: 09/30/23

23Gj.5 - Internal Initiative: Advance Priority Safety Areas

Owner: Andrea Deitz

Description: The FAA assists the international aviation community in enhancing safety by sharing solutions and supporting partners in designated priority safety areas. Examples of specific activities include development and promotion of safety enhancements in runway excursions/incursions, loss-of-control in flight, controlled flight into terrain, and midair collisions; safe operations of new entrants such as UAS and Electric Vertical Takeoff and Landing (eVTOL) aircraft; integrating international operations, training, and oversight needs into aircraft certification systems; and sharing cybersecurity best practices and exerting leadership with the implementation of cybersecurity philosophies.

23Gj.5A - Internal Activity: Promote Regional Safety Enhancements

Owner: Angela Harris-Clark

Description: Ensure civil aviation safety aligns with regional growth throughout the Asia Pacific region (North, South, Southeast, and Pacific Rim) by sharing information and best practices and utilizing engagement with multilateral entities.

23Gj.5A1 - Internal Target: Asia-Pacific Regional Organization Engagement

Owner: Angela Harris-Clark

Description: Promote and influence FAA best practices in Asia-Pacific leveraging regional entities (i.e. COSCAPs, ACPs, ASEAN, and APEC) by delivering a minimum of two workshops, roundtables, or webinars on civil aviation safety topics which may include, but are not limited to, Cargo Safety, Dangerous Goods Oversight, Lithium Batteries, UAS transport of dangerous goods, Sustainable Aviation Fuel, Civil Aviation Systems Acquisition Best Practices, accident investigation, Aerospace Medicine, and airport management.

Due Date: 09/30/23

23Gj.5B - Internal Activity: Pacific Islands Engagement

Owner: Andrea Deitz

Description: Support mutual priority interests of FAA and ICAO to raise the levels of safety and address impact of COVID-19 on aviation recovery in the Pacific Islands and bolster the USG efforts to improve the aviation ecosystem in the Asia Pacific region by developing an FAA engagement strategy and implementation plan that will improve civil aviation safety, including aerodrome certification in the Pacific Islands.

23Gj.5B1 - Internal Target: Pacific Island Strategy Socialization

Owner: Andrea Deitz

Description: Conduct a series of working sessions with FAA Lines of Business to introduce and socialize the Draft Pacific Islands Engagement Plan developed in FY22. Solicit feedback and input on the plan from Lines of Business.

Due Date: 11/30/22

23Gj.5B2 - Internal Target: Develop and Draft and Implementation Plan

Owner: Andrea Deitz

Description: Develop draft implementation plan for the Pacific Islands Engagement Strategy and provide to Lines of Business for review and comment.

Due Date: 02/28/23

23Gj.5B3 - Internal Target: Pacific Island Director General of Civil Aviation Meeting

Owner: Andrea Deitz

Description: Host an event in the region such as a Pacific Island Directors General of Civil Aviation meeting or high-level feedback session to discuss on needs identified by the region to improve civil aviation safety.

Due Date: 09/30/23

23Gj.5C - Internal Activity: Africa Development Strategy

Owner: Tina Amereihn

Description: Manage FAA technical assistance programs and support with Africa using remaining FY22 funds to increase long-term sustainability in aviation on the continent.

23Gj.5C1 - Internal Target: Identify Focal Countries

Owner: Tina Amereihn

Description: Identify at least four African countries where API will coordinate with FAA Lines of Business to focus investment to improve safety and efficiency.

Due Date: 09/30/23

23Gj.5D - Internal Activity: Positive Safety Culture

Owner: Krista Berquist

Description: Organize and deliver Positive Safety Culture-related activities in collaboration with aviation authorities, Air Navigation Service Providers, or regional entities to include promoting Voluntary Safety Reporting Programs.

23Gj.5D1 - Internal Target: Positive Safety Culture Workshops

Owner: Krista Berquist

Description: Organize and deliver at least two (2) Positive Safety Culture-related activities in collaboration with aviation authorities, Air Navigation Service Providers, or regional entities to include promoting Voluntary Safety Reporting Programs.

Due Date: 09/30/23

23Gj.5E - Internal Activity: Increase Engagement with Mexico to Create One-Level of Aviation Safety

Owner: Krista Berquist

Description: Engage with Mexico's aviation entities on initiatives to improve aviation safety, efficiency and sustainability.

23Gj.5E1 - Internal Target: Mexico Strategic Portfolio

Owner: Krista Berquist

Description: Develop a portfolio of strategic collaboration areas based on engagement with AFAC, SENEAM, and other stakeholders to enhance safety and operational performance.

Due Date: 03/31/23

23Gj.5E2 - Internal Target: Mexico Technical Cooperation

Owner: Krista Berquist

Description: Implement at least three (3) portfolio activities during FY23.

Due Date: 09/30/23

23Gj.6 - Internal Initiative: Global Aviation Safety

Owner: Khalil Kodsi

Description: Increase global aviation safety by participating in the development of International Civil Aviation Organization (ICAO) standards and recommended practices and by supporting technical assistance requests from international aviation organizations.

23Gj.6A - Internal Activity: Provide Global Leadership in Aerodrome Safety

Owner: Khalil Kodsi

Description: Provide subject matter expertise for airport technical assistance and safety assessments at foreign international airports.

23Gj.6A1 - Internal Target: Airport Certification Safety Inspectors (ACSI) Shadowing Events

Owner: Khalil Kodsi

Description: Invite two (2) States to shadow Airport Certification Safety Inspectors (ACSI) in the U.S. or other safety initiatives to foster working level exchange of best practices pertaining to aerodrome certification and airport safety.

Due Date: 03/31/23

23Gj.6A2 - Internal Target: Provide Global Leadership in Aerodrome Certification and Safety by supporting the certification of aerodromes

Owner: Khalil Kodsi

Description: Enhance Global Safety and the certification of aerodromes by supporting at least one (1) airport certification/inspection/shadow event in/for a priority country based on our data informed decision making process and in coordination with the FAAs Office of International Affairs, provided that external factors do not impact this activity.

Due Date: 09/30/23

23Gj.6B - Internal Activity: Encourage global adoption of U.S. safety standards and best practices

Owner: Khalil Kodsi

Description: Participate in ICAO workgroups to advance the adoption of U.S. safety standards and best practices in order to improve safety at airports worldwide and the adoption of U.S. Standards and best practices.

23Gj.6B1 - Internal Target: Participation in ICAO Workshops, and Technical Request from other Civil Aviation Authorities to enhance Global Aerodrome Safety

Owner: Khalil Kodsi

Description: Ensure the Office of Airports (ARP) actively participates in ICAO Workshops, and technical requests from other Civil Aviation Authorities or International Organizations in all of the Office of Airports Technical Areas such as aerodrome safety, aerodrome certification, planning, environmental, UAS, Financial, and SMS.

Due Date: 09/30/23

23Gj.6B3 - Internal Target: Develop ICAO training for ARP staff that have volunteered to support International Activities

Owner: Khalil Kodsi

Description: Finalize the ARP internal presentation and include within eLMS so that it will be available for new staff joining the Office of Airports. The content should include ICAO related training in SARPs and expectations of supporting international activities.

Due Date: 09/30/23

23Gj.6B4 - Internal Target: Advance global airport cyber safety and resiliency by leading and collaborating with aviation authorities globally

Owner: Thomas Littleton

Description: Participate in U.S. Aviation Cyber Initiative working groups, exercises, and meetings to promote airport cyber safety and resiliency.

Due Date: 09/30/23

23Gj.6B5 - Internal Target: Advance global airport cyber safety and resiliency by leading and collaborating with aviation authorities globally.

Owner: Thomas Littleton

Description: Participate in API-led FAA ICAO engagement activities that promote airport cyber safety and resiliency.

Due Date: 09/30/23

23Gj.6B6 - Internal Target: Support Global Approaches to address environmental impacts

Owner: Khalil Kodsi

Description: Participate with ICAO to address international aviation environmental impacts such as local air quality and aircraft noise.

Due Date: 09/30/23

23Gj.6B7 - Internal Target: Provide Global Leadership by outlining all of the areas of technical support by the Office of Airports

Owner: Khalil Kodsi

Description: Expand the Office of Airports International Plan to include technical areas where ARP provides global support to include areas in planning, environmental, financial, compliance and emerging technologies.

Due Date: 09/30/23

23Gj.7 - Internal Initiative: International Legal Services - Support Client Offices

Owner: Jeffrey Klang

Description: Provide legal services as required to FAA program offices responsible for promoting USG interests with other countries and international organizations, including the International Civil Aviation Organization (ICAO). Assist API in meeting work plan milestones. Complete legal sufficiency reviews within timeframes that meet defined client needs by (i) providing the initial review of 80% of template-based technical assistance agreements for international activities within 15 working days of receipt, and (ii) by performing initial review and coordination of 90% of U.S. positions and strategies by the deadlines specified in a particular Interagency Group on International Aviation (IGIA) paper.

23Gj.7A - Internal Activity: Interagency Group on International Aviation (IGIA)

Owner: Jeffrey Klang

Description: Legal review of Interagency Group on International Aviation (IGIA).

23Gj.7A1 - Internal Target: Legal Review of Interagency Group on International Aviation (IGIA)

Owner: Jeffrey Klang

Description: Complete legal review of IGIA matters as assigned by the deadline specified in the IGIA circulation. Legal review results either in (i) determination of legal sufficiency or (ii) a determination of work to be done by others to correct legal deficiencies. When it becomes clear that a deadline cannot be met, the attorney will contact the Assistant Chief Counsel so that the matter can be reassigned.

Due Date: 09/30/23

23Gj.7B - Internal Activity: International Agreements and Contracts

Owner: Jeffrey Klang

Description: Legal review of international agreements and contracts and providing technical assistance.

23Gj.7B1 - Internal Target: Review of International Agreements and Contracts

Owner: Jeffrey Klang

Description: Complete review of international agreements and contracts as assigned within 15 working days of receipt in AGC-700.

Due Date: 09/30/23

23Gj.7B2 - Internal Target: Legal Technical Assistance to Foreign CAAs

Owner: Jeffrey Klang

Description: Provide as assigned legal technical assistance to foreign Civil Aviation Authorities (CAAs), the ICAO Global Aviation Safety Oversight System (GASOS), or regional Safety Oversight Organizations (RSOOs) directed at achieving compliance with ICAO Standards for primary aviation law, regulations, enforcement systems, and related issues.

Due Date: 09/30/23

23Gj.7C - Internal Activity: Promote USG Interests at the International Civil Aviation Organization (ICAO)

Owner: Jeffrey Klang

Description: Provide legal assistance to FAA Program Offices on technical issues involving ICAO Standards and Recommended Practices. Serve as legal representatives at upcoming ICAO meetings, as necessary.

23Gj.7C1 - Internal Target: Legal Support to FAA Program Offices

Owner: Jeffrey Klang

Description: Provide as assigned (i) legal support to the relevant client offices in their review of ICAO initiatives, including proposals for new or revised Standards and (non-binding) Recommended Practices (SARPs); and other ICAO guidance materials; and (ii) legal assistance to FAA program offices in implementation of any new or amended SARPs.

Due Date: 09/30/23

23Gj.7C2 - Internal Target: Represent the FAA and United States in ICAO Legal Bodies

Owner: Jeffrey Klang

Description: Represent the FAA and the United States in ICAO legal bodies, including but not limited to the Legal Commission of the Triennial Assembly, the Legal Committee, diplomatic conferences and high-level ministerial conferences on various subjects, the Cape Town Commission of Experts (CESAIR), the Task Force on the Cross-Border Transferability of Aircraft, ICAO Council's Aviation Recovery Task Force (CART), and ad hoc legal advisory and work groups of various kinds.

Due Date: 09/30/23

23Gj.7D - Internal Activity: International Aviation Safety Assessment Audits (IASAs)

Owner: Jeffrey Klang

Description: Implement and support the IASA program by (1) conducting legal assessment of the civil aviation laws, regulations, and enforcement systems of foreign aviation authorities for compliance with minimum international aviation safety standards established under the Convention on International Civil Aviation; (2) assisting with communicating the results of the assessment to both representatives the assessed country and the U.S. embassy staff; and (3) assisting the program office in development of policy for execution of the Administrator's responsibility for the safety of foreign air carriers.

23Gj.7D1 - Internal Target: Cooperation with Flight Standards Services International Affairs Office

Owner: Jeffrey Klang

Description: Cooperate as assigned with the Flight Standards Service international affairs office (AFS-50) in scheduling and conducting IASA audit visits to foreign Civil Aviation Authorities (CAAs), Final Discussions, or other consultations. Assist in the drafting of cables, team reports, and Record of Discussions (ROD) in a timely manner.

Due Date: 09/30/23

23Gj.7D2 - Internal Target: Development of IASA Policies and Procedures

Owner: Jeffrey Klang

Description: Participate in the development of IASA policies and procedures and in training audit team members.

Due Date: 09/30/23

23Gj.7E - Internal Activity: United Kingdom Withdrawal from the European Union (Brexit)

Owner: Jeffrey Klang

Description: Assist Agency clients in ensuring a seamless transition in safety relationship with the UK upon its withdrawal from the EU.

23Gj.7E1 - Internal Target: Assist Agency Clients to Ensure Transition

Owner: Jeffrey Klang

Description: Assist AVS-1, API-1, AIR-1, and AFS-1 in ensuring a seamless transition in our safety relationship with the UK upon its withdrawal from the EU, projected to occur in March, 2019 but has been extended into FY2021, with minimal impact on our continuing safety relationship with the EU, especially the European Aviation Safety Agency and the European Commission, as assigned.

Due Date: 09/30/23

23Gj.8 - Internal Initiative: Assist in Development and Implementation of the FAA's International Strategy

Owner: Jeffrey Klang

Description: Provide assistance to the Executive Director for International Affairs in development, oversight, and execution of the FAA's International strategy.

23Gj.8A - Internal Activity: International Steering Committee Participation

Owner: Jeffrey Klang

Description: Participate as assigned in the International Steering Committee and assist with the implementation of its initiatives.

23Gj.8A1 - Internal Target: International Governance Board Participation

Owner: Jeffrey Klang

Description: Participate as assigned in the International Governance Board and assist with the implementation of its initiatives.

Due Date: 09/30/23

23Gj.10 - Internal Initiative: Raise the International Baseline of Aviation Safety and Security for Operations In/Near Conflict Zones

Owner: David Burkholder

Description: The FAA has well-established processes and capabilities to assess conflict zone-associated aviation risks, conduct risk mitigation planning and engage industry and foreign partners to reduce the risk to the U.S. civil aviation. These Agency lessons-learned and best practices would benefit the international community to be better positioned to proactively plan for and respond to emerging conflict zone risks presenting a risk to civil aviation operations and thereby raise the baseline of aviation safety and security.

23Gj.10A - Internal Activity: Airspace Security

Owner: David Burkholder

Description: Safeguard civil aviation safety and security in or near conflict zones.

23Gj.10A1 - Internal Target: Safer Skies

Owner: David Burkholder

Description: Share best practices with at least two (2) key counterparts by assisting in the development and implementation of at least one (1) priority deliverable under the Safer Skies Consultative Committee (SSCC) initiatives to promote increased communication or risk mitigation related to conflict zones. Participate in monthly committee and support planning and execution of annual Safer Skies Forums (SSF) and planning meetings.

Due Date: 09/30/23

23Gj.10A2 - Internal Target: Crisis Response Working Group (CRWG)

Owner: David Burkholder

Description: Employ the Crisis Response Working Group (CRWG) to proactively coordinate agency risk mitigation strategies in response to an international crisis development in which a conflict situation, heightened tensions, military or paramilitary action, a weapons-related hazard, and/or a similar situation in airspace managed by a foreign air navigations service provider, which may pose a risk to U.S. civil aviation. Develop and coordinate NOTAM/SFAR mitigation planning, and proactively inform and collaborate with at least four (4) partners or industry groups to improve global civil aviation safety in and near areas of conflict.

Due Date: 09/30/23

23Gj.10B - Internal Activity: Recovery in Ukraine

Owner: David Burkholder

Description: Create a cross-LOB team to review and coordinate expected technical assistance requests from the Ukraine as it begins to rebuild its aviation system.

23Gj.10B1 - Internal Target: Establish Cross-LOB Team

Owner: David Burkholder

Description: Establish an API-Chaired cross-LOB team to review and coordinate all Ukraine requests for technical assistance.

Due Date: 12/31/22

23Gj.10B2 - Internal Target: Identify Options for Technical Assistance

Owner: David Burkholder

Description: Identify technical assistance options, given the availability of U.S. Government funding, that could be provided or facilitated by the FAA in support of U.S. efforts to rebuild Ukraine’s aviation system.

Due Date: 03/31/23

23Gj.12 - Internal Initiative: Promote the acceptance of FAA certificates, licenses, and approvals abroad

Owner: Daniel Chong

Description: U.S. aerospace standards are designed to maximize safety and the delivery of high quality aerospace products and services. U.S. operators, manufacturers, airmen, maintenance and training organizations, and commercial space transportation entities demonstrate that they meet robust standards when they receive a certificate, license, or other approval from the FAA. The FAA can help ensure that they do not unnecessarily expend critical resources obtaining certificates and approvals from other regulators by partnering with those regulators to maximize the acceptance of each other's findings of compliance.
The FAA will promote the international acceptance of FAA certifications and approvals, including through Bilateral Aviation Safety Agreements and other agreements that permit parties that have established a high degree of confidence in each other to rely largely on each other's regulatory processes. By reducing regulatory redundancies, the FAA and counterpart regulators and industry can redirect resources to addressing other safety priorities.

23Gj.12A - Internal Activity: Facilitate the acceptance of FAA certification and approvals abroad

Owner: Daniel Chong

Description: Increased harmonization with FAA aerospace safety standards provides increased opportunities to enable the acceptance of FAA certifications and approvals abroad through bilateral agreements for reciprocal acceptance. Facilitating the acceptance of FAA certifications and approvals when there are minimal regulatory differences can provide opportunities to reduce redundant regulatory activity and improve safety and efficiency of international operations.

23Gj.12A1 - Internal Target: Commercial Space Transportation Agreement (COSTA)

Owner: Angela Stubblefield

Description: Draft Commercial Space Transportation Agreement (COSTA) to facilitate easier approval for U.S. operator launches and submit to Department of State for approval.

Core Coordinated: Agreed

Due Date: 09/30/23

23Gj.12A2 - Internal Target: Promote the International Adoption of FAA Commercial Space Transportation Regulations

Owner: Pam Underwood

Description: Promote the international adoption of FAA commercial space transportation regulations through bilateral meetings with the countries where U.S. launch operators are proposing activities, and promoting AST Regulations and safety practices at international forums.

Core Coordinated: Agreed

Due Date: 09/30/23

23Gj.12A3 - Internal Target: International collaboration on Aircraft Certification

Owner: Pong Lee

Description: Finalize and sign Bilateral Enhancement Roadmaps with Certification Management Team partners into new Roadmaps that promote increased efficiency of product certification activities among the participating Authorities and assure continuity of the high level of safety provided by their individual certification systems (with the National Civil Aviation Agency of Brazil, Transport Canada Civil Aviation, and the European Union Aviation Safety Agency).

Core Coordinated: Agreed

Due Date: 09/30/23

23Gj.13 - Internal Initiative: Information Sharing and Coordination

Owner: Tonya Coultas

Description: Improve formal information sharing and coordination by proactively engaging with internal, interagency, industry, and global stakeholders through briefings, events, and working groups.

23Gj.13A - Internal Activity: Establish stronger collaboration with Foreign Civil Aviation Authorities

Owner: Ben Supko

Description: Strengthen the Office of Hazardous Materials Safety's (AXH) role with foreign civil aviation authorities (CAA) by aligning on key safety issues to promote and share best practices for the safe air transportation of dangerous goods.

23Gj.13A1 - Internal Target: Enhance Global Information Sharing

Owner: Ben Supko

Description: Engage with foreign Civil Aviation Authorities (CAA) to identify and prioritize dangerous goods safety needs from a regulator perspective. Focus on key issues, such as: safety promotion materials, safety assurance best practices, research gaps and available data. To achieve this target, AXH will work with its foreign CAAs to conduct a needs analysis and deliver an action plan to AXH-1 that considers global perspectives on the safe air transportation of dangerous goods. Progress toward this target will be measured through the following milestones:
• By the end of Q2, initiate the development of the needs analysis by requesting input from participating foreign CAAs on the approach used to oversee the safe air transportation of dangerous goods.
• Collect and distribute inputs received to the participating foreign CAAs by the end of Q3.
• By target due date, provide a plan of action to program leadership.

Due Date: 09/30/23

Seamless and Sustainable International Operations

Promote seamless, harmonized, and sustainable international operations by improving operational excellence in delegated airspace and neighboring FIRs, international capacity building, research and innovation, and environmental sustainability.

23Gk.1 - Internal Initiative: Ensure seamless and efficient movement of aircraft across international boundaries adjacent to U.S. managed airspace

Owner: Coleen Hawrysko

Description: The FAA shares Flight Information Region boundaries with 20 foreign ANSPs. It is critical that the movement of aircraft is as seamless and interoperable as possible. The FAA will cooperate with neighboring ANSPs to increase communications, navigation, and surveillance data sharing. The FAA will share the latest best practices; provide training, equipment repair, and loans; and harmonize procedures and separation standards. The FAA will deepen regional collaboration in Air Traffic Flow Management, Collaborative Decision Making, and performance-based operations, and seek greater participation in air traffic services data and network sharing. The FAA will strengthen regional planning and resiliency for exigency events, such as hurricane and pandemic response.

23Gk.1A - Internal Activity: Pandemic Response and Disaster Recovery

Owner: Krista Berquist

Description: Ensure the progress of pandemic response and disaster recovery planning initiatives.

Core Coordinated: Agreed

23Gk.1A1 - Internal Target: Caribbean Aviation Resilience and Recovery Group (CARRG) Development

Owner: Krista Berquist

Description: Support the development of Caribbean Aviation Resilience and Recovery Group (CARRG) regional initiatives and participate in least two (2) CARRG coordination meetings.

Due Date: 09/30/23

23Gk.1B - Internal Activity: Collaborate with Neighboring Air Navigation Service Providers (ANSPs)

Owner: Gregory Hebert

Description: Address U.S. regulated/controlled airspace matters in collaboration with ICAO and ANSPs.

23Gk.1B1 - Internal Target: Coordinate Space Launches Internationally

Owner: Michael Watkins

Description: The ATO will conduct one outreach event to educate foreign ANSPs on how best to integrate space operations into their airspace.

Due Date: 01/31/23

23Gk.1B2 - Internal Target: Oceanic Strategy

Owner: Leah Moebius

Description: Establish ATO Corporate Plan and actionable items that includes an oceanic strategic plan to organize and drive the future modernization of air traffic management systems, development of procedures to enhance safety and efficiency, and emerging-user integration applicable to the oceanic environment. Supporting organizations: AJV-S, AJV-I, and AJT.

Due Date: 09/30/23

23Gk.1B3 - Internal Target: Civil Air Navigation Services Organization (CANSO) Collaboration

Owner: Midori Tanino

Description: Contribute to the CANSO mission by collaborating at least two air navigation efficiency-related events through CANSO ATFM Data Exchange Network for Americas (CADENA) Regional Implementation Group and CANSO ATFM Data Exchange Network for Cooperative Excellence (CADENCE) Task Force.

Due Date: 09/30/23

23Gk.2 - Internal Initiative: Ensure air navigation procedures, technologies and standards are safe and efficient across international boundaries and regions

Owner: Coleen Hawrysko

Description: Beyond neighboring flight information regions, U.S. operators sometimes encounter inefficient airspace management, divergent standards and procedures, different equipage requirements, and other challenges. The U.S. aircraft and equipment manufacturers also encounter many of the same obstacles. The FAA is in a position to lead improvements in safety and efficiency with specific counterparts. The FAA will work through ICAO to encourage global ATM procedures, standards, and technologies that are safe, efficient, and harmonized. The FAA will engage with key international stakeholders such as EUROCONTROL and national air navigation service providers on the advancement and harmonization of emerging technologies and standards in air navigation services. The FAA will share best practices in implementing new procedures, technologies and standards through CANSO, ICAO regional bodies, and other ANSPs. Where appropriate, the FAA will provide direct technical and operational support to improve safety and efficiency; to assist in the development of resilient airspace systems and disaster recovery.

23Gk.2A - Internal Activity: Oceanic Safety Monitoring

Owner: Coleen Hawrysko

Description: Collaborate through the cross-functional Oceanic Safety Monitoring project team. Determine if existing policy and funding are sufficient to meet commitments.

23Gk.2A1 - Internal Target: Oceanic Monitoring Requirements and Processes

Owner: Leah Moebius

Description: Collate the current FAA cross-functional commitments and functions (national and international) for oceanic monitoring requirements and processes. Supporting organizations: AVS, ANG.

Due Date: 12/31/22

23Gk.2A2 - Internal Target: Oceanic Monitoring Gap Analysis

Owner: Leah Moebius

Description: Compare current remote collection of oceanic safety data and manual reporting to collated requirements and commitments to determine gaps. Supporting organizations: AVS, ANG.

Due Date: 04/30/23

23Gk.2A3 - Internal Target: Oceanic Monitoring Roles and Responsibilities

Owner: Leah Moebius

Description: Confirm roles and responsibilities, and identify additional assignments of roles and responsibilities, as needed, to include an analysis of requirements as compared to funding allocations. Determine if orders and budget lines items are sufficient to meet commitments; and, if not sufficient, make recommendations to the AJV, AFS and ANG management team for the drafting of an oceanic monitoring order. Supporting organizations: AVS, ANG.

Due Date: 09/30/23

23Gk.3 - Internal Initiative: NextGen International Harmonization

Owner: Antoine Charles

Description: In alignment with the FAA and the NextGen International strategy, promote the international acceptance of NextGen policies, procedures and technologies. Work with identified air traffic modernization partners, through established bilateral and multilateral mechanisms, to harmonize identified efforts with NextGen and assess opportunities to establish new opportunities.

23Gk.3A - Internal Activity: NextGen International Collaboration

Owner: Natalie Randolph

Description: In alignment with the NextGen International Strategy and in anticipation of the incorporation of the FAA's Info-Centric National Airspace System (ICN) vision internationally through multi/bilateral cooperation, assess the ability of NextGen Tier 1 partners to participate in the development and propagation of ICN technologies.

23Gk.3A1 - Internal Target: Tier 1 Partners

Owner: Natalie Randolph

Description: In coordination with our Tier 1 partners, attend established bilateral and multilateral meetings and events. Promote NextGen programs and policies into global plans and standards, promoting harmonization with NextGen.

Due Date: 09/30/23

23Gk.3A2 - Internal Target: Tier 2 Partners

Owner: Natalie Randolph

Description: In coordination with the FAA international LOB/SOs, identify engagement opportunities for bilateral and/or multilateral meetings and/or events with Tier 2 partners pursuing Air Traffic Management (ATM) modernization that could be harmonized with NextGen and participate as necessary.

Due Date: 09/30/23

23Gk.3A3 - Internal Target: Tier 3 Partners

Owner: Natalie Randolph

Description: In coordination with the Office of International Affairs (API), assess opportunities to pursue bilateral and/or multilateral meetings and/or events with Tier 3 partners to promote ATM modernization and participate if possible.

Due Date: 09/30/23

23Gk.4 - Internal Initiative: Advance Internationally Accepted Innovative Technologies to Global Standards to Improve Safety and Efficiency

Owner: Ian Ross

Description: The FAA is best positioned to build upon the research and development of innovative technologies critical to providing the safest air transportation system in the world and advancing them as international standards at ICAO and other international standards-making bodies.

23Gk.4A - Internal Activity: Harmonization of Safety, Efficiency, and Innovation with Key International Partners

Owner: Ian Ross

Description: Work bilaterally with key international partners to increase cooperation on emerging technologies to build support for global adoption.

23Gk.4A1 - Internal Target: Right-Sizing Work with EU Institutions

Owner: Minh Favila

Description: Review current interaction with EU institutions and determine future interaction, create baseline document of current interaction between FAA and EU institutions, identify ways to improve and potentially repurpose the BOB, ExComm, and other groups, and present plan to the IGB for concurrence.

Due Date: 09/30/23

23Gk.4A2 - Internal Target: Complete Two Engagements in the AEU Region

Owner: Ian Ross

Description: Complete two engagements within the AEU Region with counterparts on emerging technologies and/or commercial space (ex., UAS joint symposium, workshop to advance FAA space priorities and regulations, etc.).

Due Date: 09/30/23

23Gk.4B - Internal Activity: Proactive Communications in the Europe, Africa and Middle East Region

Owner: Ian Ross

Description: Create more targeted and timely communication on international engagement in an effort to more effectively communicate FAA's objectives and policies.

23Gk.4B1 - Internal Target: Promotional Events

Owner: Ian Ross

Description: Identify at least two major events to be held in the AEU region in FY23 to promote FAA policies and programs using social media, news outlets/interviews, written article, and other timely communication means.

Due Date: 09/30/23

23Gk.5 - Internal Initiative: Encourage International Adoption of Innovative Technologies to Enable a Resilient Global Aerospace System Prepared for Future Challenges

Owner: Christopher Swider

Description: Encourage international adoption of innovative technologies to enable a resilient global aerospace system prepared for future challenges.

23Gk.5A - Internal Activity: Engage and Promote Standards for Innovative Technologies

Owner: Christopher Swider

Description: Engage with global/regional industry consensus standards development organizations and promote global standards that leverage internationally accepted innovative technologies.

23Gk.5A1 - Internal Target: UAS Work Priorities

Owner: Christopher Swider

Description: Assess the current FAA UAS work priorities for ICAO and JARUS; and communicate these priorities through one or more papers and/or briefings for the ICAO Assembly, JARUS plenary, among others.

Due Date: 09/30/23

23Gk.5A2 - Internal Target: Key Industry UAS-Related Standards

Owner: Christopher Swider

Description: Provide triannual briefings at AUS-internal meetings, and/or at existing cross-LOB meetings, on ICAO and JARUS-related work to foster the timely and consistent adoption by ICAO and JARUS of key industry UAS-related standards that are acceptable to the FAA.

Due Date: 09/30/23

Enterprise Global Leadership Approach

Foster an FAA enterprise approach to the prioritization of FAA international engagements.

23Gv.1 - Internal Initiative: Advance collaboration and coordination among internal FAA offices on international strategies and activities

Owner: Christopher Barks

Description: Advance collaboration and coordination among internal FAA offices on international strategies and activities

23Gv.1A - Internal Activity: Technical Assistance Agreement Process Improvement

Owner: Christopher Barks

Description: Improve the FAA's Process for Developing and Coordinating International Technical Assistance Agreements.

23Gv.1A1 - Internal Target: Improve Processes for Technical Assistance Agreements

Owner: Christopher Barks

Description: Develop agency-wide technical assistance agreement coordination process and submit for agency coordination.

Due Date: 09/30/23

23Gv.1A2 - Internal Target: Implement Risk-Based Liability Language

Owner: Krista Berquist

Description: Conclude one technical assistance agreement utilizing the new risk-based liability language.

Due Date: 09/30/23

23Gv.1B - Internal Activity: ICAO alignment with U.S./DOT/FAA policies and priorities

Owner: James Spillane

Description: Exert leadership at ICAO to promote alignment with U.S./DOT/FAA policy and priorities through enhanced information sharing and awareness, and development of coordinated positions and messages.

23Gv.1B1 - Internal Target: 41st ICAO Assembly

Owner: James Spillane

Description: Promote and advance U.S. priorities by performing extensive preparation and interagency coordination work advancing at least one (1) working paper and participating in the 41st Assembly.

Due Date: 11/30/22

23Gv.1B2 - Internal Target: ICAO USOAP Audit

Owner: James Spillane

Description: Conduct a self-assessment in preparation for an ICAO Universal Safety Oversight Audit Programme (USOAP) Audit anticipated in FY24.

Due Date: 09/30/23

23Gv.1C - Internal Activity: IGIA Re-platforming

Owner: James Hansen

Description: Re-platform the existing IT tool used to coordinate official U.S. Government positions on international aviation through the Interagency Group on International Aviation (IGIA).

23Gv.1C1 - Internal Target: Deploy IGIA Platform

Owner: James Hansen

Description: Deploy the new IT tool to a production server, train users and issue a revised SOP for the IGIA process.

Due Date: 07/01/23

23Gv.1D - Internal Activity: International Governance

Owner: Christopher Barks

Description: Develop FAA Order establishing the International Governance Board.

23Gv.1D1 - Internal Target: International Governance Order

Owner: Christopher Barks

Description: Develop FAA Order establishing the International Governance Board and submit to directives office for agency coordination.

Due Date: 09/30/23

23Gv.4 - Internal Initiative: NAS / Global Standards

Owner: John Maffei

Description: Collaborate with industry to establish Standards for Aviation Community.

23Gv.4A - Internal Activity: Multi-Regional Trajectory Based Operations Demonstration

Owner: Westley Wright

Description: During Phase 2, the project will collaborate with industry and international partners and key internal stakeholders to enhance the baseline Florida NextGen Testbed (FTB) capabilities, operational scenarios and use cases that were established during Phase 1 in order to demonstrate the operational values of key trajectory based operations (TBO) concepts and technologies. This collaborative effort will explore the impacts of TBO within the context of modernization initiatives; supporting the development of data exchange standards, and provisions and implementation guidance materials related to post-departure operations with various levels of equipage and crew capabilities. This solution will be accomplished through the conduct of multiple demonstrations of full, end-to-end operational scenarios culminating in a final demonstration with live flight components.

23Gv.4A1 - Internal Target: Simulated Trajectory Based Operations (simTBO) Final Report

Owner: Nabil Sandhu

Description: This report will encompass the activities undertaken to develop, execute, analyze and evaluate simTBO. This report will reflect the effort of our participating industry and international partners on the simulated demonstration of multiregional TBO operational value, operational capabilities, and tools. This report will include the methodologies, outputs, lessons learned, and recommendations for potential future simulations, or research and development to progress the TBO concepts

Due Date: 08/31/23

23Gv.4A2 - Internal Target: Live Flight Operational Scenario and Use Case Briefing

Owner: Nabil Sandhu

Description: TBriefing-This briefing will consist of the activities and artifacts developed to describe the operational execution of the Live Flight Demonstration. The briefing will identify the cases and summarize the capabilities to be demonstrated, resulting from discussions fostered by TIMs, Tabletops, and international Partner Meetings. Additionally, this briefing will identify the roles of the FAA, industry and international partners in the demonstration as well as all necessary coordination

Due Date: 02/28/23

23Gv.4A3 - Internal Target: Architecture and Capabilities-Memorandum

Owner: Westley Wright

Description: This memorandum will document the architecture approach and systems requirements critical to the execution of the Live Flight Demonstration. This memo will summarize the capabilities developed during Phase 1 and Phase 2A to include operational results, coordination tools, and lessons learned. It will incorporate feedback from Guided Discussions, TIMs, and Tabletops to describe the integration required between the aircraft operators and the Florida NextGen Test Bed (FTB) for successful execution of the demonstrations

Due Date: 04/30/23

23Gv.4B - Internal Activity: Aeronautical Information Exchange Model (AIXM)

Owner: Westley Wright

Description: Continue to conduct analysis and establish processes to inform the further development of Aeronautical Information(AI) dependent projects and services within the NAS using the standards established by the Aeronautical Information Exchange Model (AIXM) community.

23Gv.4B1 - Internal Target: Air Traffic Information Exchange Conference (ATIEC) Coordination Report

Owner: Andras Kovacs

Description: Generate a report that details all aspects of coordination for the Air Traffic Information Exchange Conference (ATIEC). It will include briefing material, action items, lessons learned, and notes captured, among other elements.

Due Date: 07/31/23

23Gv.4B2 - Internal Target: XM Agnostic Extension Process Development Documentation

Owner: Andras Kovacs

Description: Document the development of a standardized process to request and implement exchange model extensions for new and updated NAS exchange models, including leveraging existing processes and coordination with the exchange model stakeholder communities, including Flight Information Exchange Model (FIXM), Flow Information Exchange Model (FLXM), Aeronautical Information Exchange Model (AIXM), and ICAO Meteorological Information Exchange Model (iWXXM).

Due Date: 07/31/23

23Gv.4B3 - Internal Target: Exchange Model US Extension Reference Model Development Documentation

Owner: Andras Kovacs

Description: Document the development of a reference model that allows NAS XM extension developers to easily review existing NAS XM extensions, filter, and search elements in existing NAS XM extensions, and provide context for the development for XM extension updates or new XM extensions. The report will include, but will not be limited to, the documentation of approach, conclusions, outcomes of analysis, lessons learned, and recommendations for next steps.

Due Date: 07/31/2023

Due Date: 07/31/23

23Gv.9 - Internal Initiative: Evolve Data-Informed Decision-Making Capabilities to Improve Prioritization of International Engagement

Owner: Christopher Barks

Description: Evolve data-informed decision-making capabilities to improve effectiveness of international engagement strategies

23Gv.9A - Internal Activity: International Community of Interest (ICOI)

Owner: Kathryn DiVona

Description: Enhance use of data for prioritizing FAA international engagement through the International Community of Interest (ICOI).

23Gv.9A1 - Internal Target: Glide 2.0

Owner: Kathryn DiVona

Description: Update data interface to provide users with an interactive, centralized source of data. Identify data sources, acquire new data sets, develop queries and reports that include data analysis.

Due Date: 09/30/23

23Gv.10 - Internal Initiative: Align Agency International Workforce with Future Needs

Owner: Andrea Deitz

Description: The agency workforce is a foundational asset in ensuring the FAA mission's success, including international engagements. With the rise of other influential international stakeholders and the connectivity of FAA efforts with the international community, our workforce must be informed and able to integrate international considerations into day-to-day decision-making. Aligning the workforce expertise to effectively address future needs will further enhance agency agility and improve the efficient use of limited resources. Training and leadership development will ensure that employees have the right skills at the right time to meet the system's future needs.

23Gv.10B - Internal Activity: Increase FAA International Presence

Owner: Andrea Deitz

Description: Deploy international representatives to address future needs and growing partnerships.

23Gv.10B1 - Internal Target: FAA Representation in the Asia Pacific Region

Owner: Andrea Deitz

Description: Complete and file NSDD-38 application for a new location in the Asia Pacific region to address future needs and growing partnerships.

Due Date: 09/30/23

Global Training and Outreach

Modernize the FAA International Training program to provide technical assistance to foreign civil aviation authorities to meet our international stakeholder's demanding needs.

23Gw1 - Priority Initiative: Reassert FAA Global Leadership through Global Outreach & Training

Owner: India Pinkney

Description: Reassert FAA Global Leadership through Global Outreach & Training

23Gw1A - Priority Activity: FAA International Training & Outreach Inventory

Owner: India Pinkney

Description: Maintain and promote an inventory of FAA international offerings.

23Gw1A1 - Priority Target: Maintain the FAA International Training & Outreach Inventory

Owner: India Pinkney

Description: Put a mechanism in place for the annual review and update of the FAA international training & outreach inventory provided to international stakeholders, including any required updates to the external FAA website.

Due Date: 06/30/23

23Gw1B - Priority Activity: Develop FAA International Training & Outreach Processes

Owner: India Pinkney

Description: Create OneFAA international training processes.

23Gw1B1 - Priority Target: Develop an International Training & Outreach Intake Request Process

Owner: India Pinkney

Description: Develop an international training & outreach intake request process with tracking mechanisms that ensures a timely and consistent "OneFAA" approach.

Due Date: 03/31/23

23Gw1B2 - Priority Target: Develop International Training & Outreach Quality Standards

Owner: India Pinkney

Description: Develop quality standards for the development and delivery of international training and outreach products that ensure a consistent "look & feel" and implements a consistent delivery strategy across the FAA.

Due Date: 09/30/23

23Gw1C - Priority Activity: International Partnerships

Owner: India Pinkney

Description: Identify areas where international partnerships will increase the FAA's training and outreach activities.

23Gw1C1 - Priority Target: Provide International Internship Strategy

Owner: India Pinkney

Description: Assess past practices and stakeholder needs and develop recommendations for the development of an FAA international internship program.

Due Date: 03/31/23

23Gw1C2 - Priority Target: Assess Regional Training & Outreach Needs

Owner: India Pinkney

Description: Develop an FAA-wide, annual process that validates global outreach and training needs and identifies solutions to fill those needs.

Due Date: 06/30/23

23Gw.1 - Internal Initiative: International Training FAA Academy Support

Owner: Jim Doskow

Description: The FAA Academy provides critical safety related training to international entities to support the safety of air travel across the Globe, enhance aviation skills and competencies and build partnerships with international entities.

23Gw.1A - Internal Activity: Singapore International Safety Management System (ISMS)

Owner: Jim Doskow

Description: Collaborate with Singapore to deliver International Safety Management System course.

23Gw.1A1 - Internal Target: Operational Tryout

Owner: Robert Bergt

Description: Deliver operational tryout of the International Safety Management System Course for recurrent training.

Due Date: 09/30/23

23Gw.1B - Internal Activity: International Commercial Space Training

Owner: Jim Doskow

Description: The Academy Corporate Training Solutions Division will develop and deliver Web-Based Training packages outlining the regulations in Advisory Circular (AC) part 450 for International Civil Aviation Authorities to the Office of Commercial Space Transportation (AST).

23Gw.1B1 - Internal Target: Course Development Complete

Owner: Robert Bergt

Description: Complete development of all course content for International Commercial Space Training, including any multi-media materials.

Due Date: 09/30/23

Operational Excellence

Operate the world's most efficient aerospace system through daily execution, continuous improvement and infrastructure investment.

Mission Efficiency and Support

Optimize efficiency and support mission requirements through daily execution, continuous improvement, planning, infrastructure resiliency, and investment. Effectively plan for and manage finances, procurement, information technology, and other mission support services.

23Em1 - Priority Initiative: Bipartisan Infrastructure Law and State of the Union Commitments

Owner: Gian Macone

Description: The Bipartisan Infrastructure Law is a once-in-a-generation investment in America's transportation network. It will modernize infrastructure, increase equity in transportation, help fight climate change, strengthen the supply chain, and create jobs. The SOTU goal builds on AIP Execution. As the FAA's BIL/SOTU Representative, Gian Macone will oversee the performance of such goals.

23Em1A - Priority Activity: BIL - 30x30

Owner: Randall Burke

Description: Complete Construction on a Total of 30 Staffed Air Traffic Control Towers by 2030.

Core Coordinated: Agreed

23Em1A1 - Priority Target: Airport Traffic Control Tower Design Contract

Owner: Randall Burke

Description: Award Contract for Airport Traffic Control Tower Design Initiative.

Due Date: 09/30/23

23Em1B - Priority Activity: BIL- Focus 19

Owner: Dave Cushing

Description: Focus $19.4 billion in BIL funds on airport modernization and safety infrastructure projects including participation in completing 20 terminals and 400 new or rehabilitated pavement projects by 2030.

Core Coordinated: Agreed

23Em1B1 - Priority Target: Award FY23 Grants

Owner: Dave Cushing

Description: Announce the intent to award grants to five terminal projects and award grants to 85 new/rehabilitation pavement projects.

Due Date: 09/30/23

23Em1C - Priority Activity: BIL-Grant Announcement

Owner: Dave Cushing

Description: Administer $3.88 billion BIL Airport Infrastructure Grants and Terminal Program Grants.

Core Coordinated: Agreed

23Em1C1 - Priority Target: BIL - Airport Terminal Projects Announcement

Owner: Dave Cushing

Description: Publish the Notice of Funding Opportunity (NOFO) for the FY2024 competitive discretionary Airport Terminal Program (ATP).

Due Date: 09/30/23

23Em.2 - Internal Initiative: Online Services for FAA Stakeholders

Owner: David Cox

Description: Improve and increase online resources for our stakeholders while reducing processing times and our reliance on legacy systems.

23Em.2A - Internal Activity: Civil Aviation Registry Electronic Services (CARES) Initial Operating Capability

Owner: David Cox

Description: Establish new Civil Aviation Registry Electronic Services (CARES) system with initial aircraft registration capabilities to the public only.

23Em.2A1 - Internal Target: Submit Authority to Operate (ATO)

Owner: David Cox

Description: Submit Authority to Operate request of new Civil Aviation Registry Electronic Services (CARES) system to FAA Chief Information Officer (CIO).

Due Date: 11/25/22

23Em.2B - Internal Activity: Civil Aviation Registry Electronic Services (CARES) Phase 2 Release

Owner: David Cox

Description: Introduce additional aircraft registration capabilities for the public and expand system to FAA Examiners.

23Em.2B1 - Internal Target: Annual Security Assessment Kickoff

Owner: David Cox

Description: Initiate security assessment with the Office of Information and Technology (AIT) and provide appropriate security documentation to support the security assessment.

Due Date: 08/05/23

23Em.2B2 - Internal Target: Complete Internal Civil Aviation Registry Electronic Services (CARES) Training

Owner: David Cox

Description: Complete training of internal FAA workforce to prepare for Civil Aviation Registry Electronic Services (CARES) Phase 2 release.

Due Date: 09/30/23

23Em.2C - Internal Activity: Increase Efficiency to Decrease Aircraft Registration Processing Cycle Time by 70%

Owner: David Cox

Description: Utilize increased manpower and streamlined processes to increase efficiency to decrease overall aircraft registration cycle processing time by 70% from FY22 processing time.

23Em.2C1 - Internal Target: Reduce Aircraft Registration Processing Cycle Time to 165 calendar days

Owner: David Cox

Description: Reduce aircraft registration processing cycle time to 165 calendar days to enhance registration services.

Due Date: 12/31/22

23Em.2C2 - Internal Target: Reduce Aircraft Registration Processing Cycle Time to 80 calendar days

Owner: David Cox

Description: Reduce aircraft registration processing cycle time to 80 calendar days to enhance registration services.

Due Date: 03/31/23

23Em.2C3 - Internal Target: Reduce Aircraft Registration Processing Cycle Time to 75 Calendar Days

Owner: David Cox

Description: Reduce aircraft registration processing cycle time to 75 calendar days to enhance registration services.

Due Date: 04/30/23

23Em.2C4 - Internal Target: Reduce Aircraft Registration Processing Cycle Time to 65 Calendar Days

Owner: David Cox

Description: Reduce aircraft registration processing cycle time to 65 calendar days to enhance registration services.

Due Date: 06/30/23

23Em.2C5 - Internal Target: Reduce Aircraft Registration Processing Cycle Time to 50 Calendar Days

Owner: David Cox

Description: Reduce aircraft registration processing cycle time to 50 calendar days to enhance registration services.

Due Date: 09/30/23

23Em.5 - Internal Initiative: Major System Investments

Owner: Thomas Kelly

Description: Monitor the implementation of consistent program and baseline management standard practices to keep programs within a negative 10% variance of their cost, schedule and performance baseline.

23Em.5A - Internal Activity: Major System Investments Performance Monitoring

Owner: Thomas Kelly

Description: Major System Investment programs will implement consistent program and baseline management standard practices to remain within a negative 10% variance of their cost, schedule and performance baseline.

23Em.5A1 - Internal Target: Major System Investments Performance

Owner: Thomas Kelly

Description: 90% of major baselined acquisition programs must be maintained within a negative 10% variance of their current cost, schedule and performance baseline as of the end of fiscal year 2023.

Due Date: 09/30/23

23Em.5B - Internal Activity: Critical Acquisition Milestones on Schedule Monitoring

Owner: Thomas Kelly

Description: 90% of the critical acquisition milestones are achieved by their scheduled due dates.

23Em.5B1 - Internal Target: Critical Acquisition Milestones on Schedule

Owner: Thomas Kelly

Description: 90% of the critical acquisition milestones are achieved by their scheduled due dates.

Due Date: 09/30/23

23Em.6 - Internal Initiative: Enhance Workforce Planning

Owner: Rich McCormick

Description: Improve centralized workforce planning by developing and applying policies, objectives, standards, and models to validate staffing requirements and provide workload assessments that support efficient operation.

23Em.6A - Internal Activity: Air Traffic Controller Workforce Plan

Owner: Todd Hoot

Description: Lead in the development of the Air Traffic Controller Workforce Plan to advance FAA's mission and meet external stakeholder requirements.

23Em.6A1 - Internal Target: Air Traffic Controller Workforce Plan Document

Owner: Todd Hoot

Description: Complete updates to the Air Traffic Controller Workforce Plan, and prepare for the FAA Administrator's signature, no later than 60 days after the President's budget submission.

Due Date: 09/30/23

23Em.6A2 - Internal Target: Air Traffic Controller Staffing Monthly Tracking

Owner: Todd Hoot

Description: Update the attrition forecast monthly. Monitor hiring, losses, overtime, time on-position, trainee ratios, etc., by facility.

Due Date: 09/30/23

23Em.6B - Internal Activity: AVS Workforce Plan

Owner: Glen Buchanan

Description: Support the development of the Aviation Safety Workforce Plan to advance FAA's mission and meet external stakeholder requirements.

23Em.6B1 - Internal Target: AVS Workforce Plan Document

Owner: Glen Buchanan

Description: Complete updates to the Aviation Safety (AVS) Workforce Plan, and prepare for the FAA Administrator's signature, no later than 60 days after the President's budget submission.

Due Date: 09/30/23

23Em.6B2 - Internal Target: AVS Staffing Monthly Tracking

Owner: Glen Buchanan

Description: Update the attrition forecast monthly. Monitor hiring, losses, overtime, and other key indicators by the work group.

Due Date: 09/30/23

23Em.6C - Internal Activity: Labor Cost Analysis

Owner: Mike Williams

Description: Provide labor cost analysis in support of term negotiations.

23Em.6C1 - Internal Target: Labor Negotiation Support

Owner: Mike Williams

Description: Perform labor cost analyses, forecasting, and monitoring to support ongoing labor negotiation for the FAA.

Due Date: 09/30/23

23Em.6C2 - Internal Target: Labor Cost Analysis Support

Owner: Mike Williams

Description: Perform labor cost modeling and analysis to support new and ongoing FAA business cases, policies, and budget-related initiatives.

Due Date: 09/30/23

23Em.7 - Internal Initiative: Unmodified Audit Opinion

Owner: Tremayne Cobb

Description: Obtain an unmodified audit opinion on the FAA`s FY 2023 financial statements identified by external independent auditors.

23Em.7A - Internal Activity: Unmodified Audit Opinion

Owner: Tremayne Cobb

Description: Obtain an unmodified audit opinion on the FAA`s FY 2023 financial statements identified by external independent auditors.

23Em.7A1 - Internal Target: Obtain Unmodified Audit

Owner: Tremayne Cobb

Description: Obtain an unmodified audit opinion on the FAA`s FY 2023 financial statements identified by external independent auditors.

Due Date: 09/30/23

23Em.7B - Internal Activity: Capitalization of Assets

Owner: Tremayne Cobb

Description: Ensure timely capitalization of agency assets.

23Em.7B1 - Internal Target: Capitalization Assets Timely

Owner: Tremayne Cobb

Description: Capitalize new assets within 65 days of being placed in service 93% of the time. Provide quarterly reports within one month after each quarter ends (i.e., January 31, April 30, July 31, and draft End of Year report on September 30).

Due Date: 09/30/23

23Em.7B2 - Internal Target: Timely Process Capitalization Packages

Owner: Tremayne Cobb

Description: 90% of the time, support the timely and accurate processing of FAA's capitalization packages within 30 days.

Due Date: 09/30/23

23Em.8 - Internal Initiative: Cost Control Program

Owner: Isra Raza

Description: Implement line of business-specific as well as agency-wide cost efficiency and strategic initiatives to reduce costs or improve productivity. Achieve documented cost savings and cost avoidance in FY 2023.

23Em.8A - Internal Activity: Corporate Leadership for Cost Efficiency Activities

Owner: Isra Raza

Description: ABA will lead an agency-wide initiative to control and reduce the cost of operations.

23Em.8A1 - Internal Target: FY2023 End of Year Cost Savings

Owner: Isra Raza

Description: Achieve 90% of the projected cost savings and cost avoidance of $94.5 Million in FY 2023. Target: $85 Million.

Due Date: 09/30/23

23Em.8A2 - Internal Target: SAVES FY 2023 Target

Owner: Jeffrey Baker

Description: Achieve the FY 2023 FAA Cost Control Target for SAVES established collaboratively between SAVES and the FAA Chief Financial Officer (CFO). Achieve a cost savings of $76.5 million for FY 2023.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.8A3 - Internal Target: National Wireless Program Cost Avoidance Target

Owner: Tamala Barnes

Description: The Enterprise Services Center will achieve $2.25 million in documented National Wireless Program cost avoidance in FY 2023.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.8A4 - Internal Target: Workers' Compensation FY 2023 Target

Owner: Lisa Lapp

Description: Workers' Compensation program will achieve a cost avoidance in FY2023.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.8A6 - Internal Target: Virtualization of the Air Traffic Basics (ATB) Course Cost Control FY2023 Target

Owner: Jim Doskow

Description: AMA will achieve a cost avoidance of $1.35 Million in FY2023.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.9 - Internal Initiative: Productivity and Financial Metrics

Owner: Dina Dolan

Description: Each FAA organization will develop, track, and report quarterly on a comprehensive measure of its operating efficiency or financial performance. These measures will include ATO cost per operation, overhead rates, and cost per accounting transaction.

23Em.9A - Internal Activity: Corporate Leadership for Efficiency Activities

Owner: Peter Stojanov

Description: As the agency lead for all cost control/efficiency efforts, ABA will provide leadership and guidance in the development of efficiency and financial metrics that can be used to track the efficiency and financial performance of each organization within the agency.

23Em.9A1 - Internal Target: FY 2023 Efficiency Measure Initiative

Owner: Peter Stojanov

Description: Initiate the FY 2024 efficiency program.

Due Date: 09/30/23

23Em.9A2 - Internal Target: AST Efficiency Measure: Regulatory Cost per Launch/ Re-entry- Annual Check/Update

Owner: Dawn Toaso

Description: Provide or check the updated FY 2023 measure template with changes as needed.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.9A3 - Internal Target: ACR Efficiency Measure: Time to Process Reasonable Accommodation Requests- Annual Check/Update

Owner: Kasandra Styles

Description: Provide or check the updated FY 2023 measure template with changes as needed.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.9A4 - Internal Target: ASH Efficiency Goal: Program Management Maturity Index- Annual Check/Update

Owner: Bob Young

Description: Provide or check the updated FY 2023 measure template with changes as needed.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.9A5 - Internal Target: AHR Efficiency Measure: Days to Hire- Annual Check/Update

Owner: Matthew Amato

Description: Provide or check the updated FY 2023 measure template with changes as needed.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.9A6 - Internal Target: AST Efficiency Measure: Internal AST Overhead- Annual Check/ Update

Owner: Dawn Toaso

Description: Provide or check the updated FY 2023 measure template with changes as needed.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.9B - Internal Activity: FY 2023 Quarterly Data Consolidated and Reporting

Owner: Peter Stojanov

Description: Review and validate proposed efficiency measures, making a determination as to the suitability for the Productivity and Financial Metrics program within 45 business days of receipt by ABA.

23Em.9B1 - Internal Target: FY2023 Quarterly Data Review and Validation

Owner: Peter Stojanov

Description: Review and validate proposed efficiency measures, making a determination as to the suitability for the Productivity and Financial Metrics program within 45 business days of receipt by ABA.

Due Date: 09/30/23

23Em.9B2 - Internal Target: AST Efficiency Measure: Regulatory Cost per Launch/ Re-entry- Quarterly Submission

Owner: Dawn Toaso

Description: Report quarterly results and comments to ABA for the average regulatory direct cost of a commercial space launch. Due 30 days after the end of each quarter.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.9B3 - Internal Target: ACR Efficiency Measure: Time to Process Reasonable Accommodation Requests- Quarterly Submission

Owner: Kasandra Styles

Description: Report quarterly results and comments to ABA on the time to Process 90% Reasonable Accommodation Requests. Due 30 days after the end of each quarter.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.9B4 - Internal Target: ASH Efficiency Goal: Program Management Maturity Index- Quarterly Submission

Owner: Bob Young

Description: Report quarterly results and comments to ABA on the Program Management Maturity Index. Due 30 days after the end of each quarter.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.9B5 - Internal Target: AHR Efficiency Measure: Days to Hire-Quarterly Submission

Owner: Matthew Amato

Description: Report results quarterly to ABA, no later than 40 days after the end of the quarter.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.9B6 - Internal Target: AST Efficiency Measure: Internal AST Overhead-Quarterly Submission

Owner: Dawn Toaso

Description: Report quarterly results and comments to ABA on AST's indirect and direct labor costs (overhead). Due 30 days after the end of each quarter.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.10 - Internal Initiative: FAA Data Challenge

Owner: Marseta Dill

Description: The FAA's Data Challenge will ask students to provide an innovative use of data to improve safety and efficiency to the National Airspace System. Over the course of the program, students will be challenged to work with structured and unstructured data to derive new insights and enhance the value of data.

23Em.10A - Internal Activity: Conduct an External Data Challenge

Owner: Marseta Dill

Description: The Data Challenge is open to teams of undergraduate and graduate students at accredited United States-based colleges and universities. Students will submit an abstract to describe the details of the project to be evaluated by a panel of subject matter experts.

23Em.10A1 - Internal Target: Student Presentations

Owner: Marseta Dill

Description: Conduct a culminating event to the Data Challenge where no more than ten finalists will present projects in front of a panel of judges who will select the winner.

Due Date: 07/31/23

23Em.12 - Internal Initiative: Driving Federal Shared Services

Owner: Tamala Barnes

Description: This initiative reflects integration efforts under way in the Mike Monroney Aeronautical Center (AMC) and the Enterprise Services Center (ESC) to improve delivery and compliance of federal shared services. As a designated Shared Service Provider, ESC will continue to work with partners to streamline, standardize and automate processes across government, and consolidate/retire legacy systems to reduce the cost of administrative services and give back to partner core missions. Similarly, AMC will work toward driving overall improvement in delivery of shared services to all customers in all AMC functions.

23Em.12A - Internal Activity: Enterprise Services Center Successful Audit Opinions

Owner: Melissa Howze

Description: As a shared service provider, the Enterprise Services Center (ESC) is required to provide its user organizations with an independent audit report on the design and effectiveness of its internal controls. The annual audit is performed in accordance with the American Institute of Certified Public Accountants' Statement on Standards for Attestation Engagements Number 18 (SSAE 18), Reporting on Controls at Service Organizations. This audit tests the service organization controls ESC has in place over Delphi, as well as other critical financial management systems (i.e. ESC PRISM). In order to provide assurance to their customers, the ESC must maintain proper controls and obtain successful audit opinions.

23Em.12A1 - Internal Target: ESC Audit Opinions - SSAE/SOC T1

Owner: Melissa Howze

Description: The Enterprise Services Center will obtain a successful audit opinion, with no unmitigated or failed controls, on the Standards for Attestation Engagement (SSAE18) Service Organization Control (SOC1) audit.

Due Date: 09/30/23

23Em.12B - Internal Activity: Enterprise Services Center Targeted Cost Savings

Owner: Melissa Howze

Description: The Enterprise Services Center will implement cost/pricing baselines and processes that can be used to drive savings and encourage fiduciary behaviors that recognize cost-effective results for FY23.

In the area of Maintenance and Operations, The Enterprise Services Center will reduce cost while maintaining Customer Agreement Service Level Targets.

23Em.12B1 - Internal Target: ESC Cost Savings/Avoidance MMAC 125 by 2025 contribution T1

Owner: Melissa Howze

Description: The Enterprise Services Center will establish cost savings initiatives and cost avoidance targets that will result in a $2M accumulated cost savings in FY23 that contributes to the MMAC $125M by 2025 overall Cost Savings Goal.

Due Date: 09/30/23

23Em.12D - Internal Activity: Enterprise Services Center (ESC) Financial Data Virtualization

Owner: Rodney Sloan

Description: Denodo is the solution for Enterprise Data Delivery and will allow customers to receive source data directly from our Enterprise Financial System and procurement system. ESC Customers will be able to use this data to load into their data repositories to perform data analytics with the tool of their preference in support of their specific requirements for data analytics. The Data Delivery solution allows ESC Customers to integrate financial data with other system information for executive level decision making through improving pattern and trend recognition. The completion of this project is one part of ESC's initiative to retire Discoverer and the capability will be cross cutting within FAA and all ESC Customers interested in utilizing this capability.

23Em.12D1 - Internal Target: Data Virtualization Road Map

Owner: Rodney Sloan

Description: Retire Discoverer and utilize Enterprise Data Delivery for implementation of a data virtualization tool for ESC Financial System Customers.

Due Date: 09/30/23

23Em.12E - Internal Activity: AVIATOR Performance Improvement

Owner: Tamala Barnes

Description: Analyze and develop a plan to resolve performance issues associated with the AVIATOR system.

23Em.12E1 - Internal Target: Root Cause Analysis

Owner: Tamala Barnes

Description: Complete the analysis and identify the root cause for the AVIATOR no experience announcement performance issues, then define and collaborate with stakeholders on next steps to resolve performance issues.

Due Date: 01/30/23

23Em.12E2 - Internal Target: Implement Improvement Plan

Owner: Tamala Barnes

Description: Complete agreed upon AVIATOR improvements.

Due Date: 09/30/23

23Em.12F - Internal Activity: Enterprise Services Center (ESC) Staffing Strategy

Owner: Tamala Barnes

Description: Develop a five-year workforce/staffing strategy to address skills development, scalability, succession planning, hybrid work schedules/remote workers, workplace of the future, contract workforce, and creation of an environment where employee engagement is encouraged.

23Em.12F1 - Internal Target: Five-Year Staffing/Workforce Plan

Owner: Tamala Barnes

Description: Complete Enterprise Services Center's (ESC's) five-year staffing strategy plan supporting ESC Strategic Plan.

Due Date: 09/30/23

23Em.12G - Internal Activity: Customer Experience

Owner: Tamala Barnes

Description: Complete process improvement initiatives for Metrics, Intake, Communications and Helpdesk to enhance the customer experience.

23Em.12G1 - Internal Target: Define Processes

Owner: Tamala Barnes

Description: Define Intake and Helpdesk "as-is" processes.

Due Date: 03/31/23

23Em.12G2 - Internal Target: Communications Review

Owner: Tamala Barnes

Description: Complete a review of Enterprise Service Center (ESC) communications and audiences.

Due Date: 03/31/23

23Em.12G3 - Internal Target: Communication Improvements

Owner: Tamala Barnes

Description: Identify and implement improvements to communications with ESC customers.

Due Date: 09/30/23

23Em.12G4 - Internal Target: Intake and Helpdesk Improvements

Owner: Tamala Barnes

Description: Identify and implement metrics and improvements to intake and helpdesk.

Due Date: 09/30/23

23Em.12H - Internal Activity: Cybersecurity

Owner: Tamala Barnes

Description: Implement tools to enhance cybersecurity.

23Em.12H1 - Internal Target: Dynatrace Tooling

Owner: Tamala Barnes

Description: Implement use of Dynatrace tooling -- a full spectrum AI powered observability platform.

Due Date: 03/31/23

23Em.12I - Internal Activity: Environment Next

Owner: Tamala Barnes

Description: Complete critical technology implementation -- compliance and automation.

23Em.12I1 - Internal Target: G-Invoicing

Owner: Tamala Barnes

Description: Implement phase 3 of G-invoicing.

Due Date: 09/30/23

23Em.12I2 - Internal Target: SplashBI

Owner: Tamala Barnes

Description: Fully implement SplashBI for year-end comparisons in preparation of sunsetting Discoverer.

Due Date: 09/30/23

23Em.12I3 - Internal Target: Delphi and ESC PRISM

Owner: Tamala Barnes

Description: Develop, prototype and communicate new system performance and patching strategies for Delphi and ESC PRISM.

Due Date: 09/30/23

23Em.13 - Internal Initiative: Data Access and Management

Owner: Natesh Manikoth

Description: Improving FAA data infrastructure, technical and staff capabilities is crucial to supporting key strategic initiatives. Data integration and advanced analytics can support all Line of Business (LOB) and Staff Office (SO) initiatives to drive the safety and efficiency mission.

23Em.13A - Internal Activity: Advanced Analytics & Data Integration

Owner: Timothy Hill

Description: Use the Enterprise Information Management Data Platform's (EIM-DP) data integration and advanced analytics capabilities to further the safety, operational excellence and/or global leadership mission of the agency.

23Em.13A1 - Internal Target: Enterprise Information Management Data Platform (EIM-DP) Use Cases

Owner: Timothy Hill

Description: Use the Enterprise Information Management Data Platform (EIM-DP) for at least three use cases involving advanced analytics by completing data integrations that support the safety, operational excellence and/or global leadership mission.

Due Date: 09/30/23

23Em.20 - Internal Initiative: Evidence-Based Management

Owner: Bob Young

Description: Build and promote a comprehensive Evidence-Based Management approach to encourage evidence-informed, objective, and transparent decision-making

23Em.20A - Internal Activity: Build a Comprehensive Evidence-Based Management Approach

Owner: Bob Young

Description: Continuing from FY22 introduction, promote a comprehensive Evidence-Based Management Approach to encourage evidence-informed, objective, and deliberative decision-making. Data-driven decision-making will make ASH a more effective and efficient organization. Improved data collection and management will enable more credible, actionable, and efficient decisions. As an FY23 ASH Learning Agenda priority, ASH will build on this foundation with enhanced analytic tools enabling Program Offices to track outcomes and standardize evidence-based rigor across decision-making.

23Em.20A2 - Internal Target: Research and Adopt an established Framework for Risk Assessment

Owner: Bob Young

Description: Apply a systems view during facilitated, strategic discussions to surface the importance of understanding how the program offices operate and address risk exposure within the operating environments across ASH. As an FY23 ASH Learning Agenda priority, potential options include:
• PESTLE Analysis
· FAA Risk, Issues & Opportunities (RIO) Framework
• Casualty Actuarial Society (CAS) ERM Framework
• COSO ERM Integrated Framework
• ISO 31000 ERM Framework
• COBIT ERM Framework
• NIST ERM Framework
• RIMS Risk Maturity Model ERM Framework

Due Date: 09/30/23

23Em.20B - Internal Activity: ASH Program Management Maturity Model (PM3)

Owner: Bob Young

Description: The ASH Program Management Maturity Model (PM3) uses aggregate indicators to systematically evaluate and track improvements using program-specific data and information as evidence. This activity will assess whether the program model demonstrates proven results.

23Em.20B1 - Internal Target: Program Management Maturity Model (PM3) Efficacy

Owner: Bob Young

Description: Evaluate the efficacy of the Program Management Maturity Model (PM3) as a performance improvement and evidence-building approach. Report progress and findings to OST as assigned.

Due Date: 09/30/23

23Em.21 - Internal Initiative: AOC ACSI FAA Web Survey

Owner: Tom Parisi

Description: Maintain the annual average of FAA surveys on the American Customer Satisfaction Index (ACSI) at or above the average Federal Regulatory Agency score. Review customer requirements annually and measure customer satisfaction more broadly for FAA service.

23Em.21A - Internal Activity: AOC ACSI FAA Web Survey

Owner: Tom Parisi

Description: Continue to survey FAA website users for their levels of satisfaction with FAA website using the American Customer Satisfaction Index (ACSI) survey instrument.

23Em.21A1 - Internal Target: Activity Target 1

Owner: Tom Parisi

Description: Review customer feedback and provide monthly reporting to management with actionable steps taken on iterative improvements. (With monthly reporting).

Due Date: 09/30/23

23Em.21A2 - Internal Target: Activity Target 2

Owner: Tom Parisi

Description: Implement new survey questionnaire and measures to more accurately reflect the performance of FAA.gov and increase survey response rates.

Due Date: 04/30/23

23Em.21A3 - Internal Target: Activity Target 3

Owner: Tom Parisi

Description: Measure faa.gov task completion rates and ensure FAA.gov performs as well or better than similar regulatory agencies.

Due Date: 09/30/23

23Em.22 - Internal Initiative: AFN Employee Communications

Owner: Mary Pickel

Description: The AFN Strategic Communications Team is committed to informing employees of important information, news, features, and other content that highlights the accomplishments of AFN's mission.

23Em.22A - Internal Activity: AFN Monthly Newsletter

Owner: Mary Pickel

Description: Reach, engage, and inform all of AFN with the publication of the AFN monthly newsletter. The newsletter will convey important AFN updates, personal interest stories about AFN employees, featured news and other items of interest to employees.

23Em.22A1 - Internal Target: Timely Publication T1

Owner: Robert Camara

Description: Ensure the publication of the AFN Monthly Newsletter, except in the case of a government shutdown, furlough or management decision.

Due Date: 09/30/23

23Em.22A2 - Internal Target: Newsletter Metric Goal T2

Owner: Robert Camara

Description: For FY23, the Strategic Communications Team will test innovative strategies for increasing engagement. The yearly average unique click-through rate for the AFN Newsletter will be no less than 10%, with the stretch goal of 12.1%.

Due Date: 09/30/23

23Em.23 - Internal Initiative: Communications Support Initiative

Owner: Mary Pickel

Description: The AFN Strategic Communications group will provide communications support with broad awareness messaging to enhance the visibility of AFN efforts.

23Em.23A - Internal Activity: Communications Support Activity

Owner: Mary Pickel

Description: The AFN Strategic Communications Team will promote AFN priorities, including agency situational needs, RPA, EIM, FedView, awards programs and other initiatives with broad awareness messaging through newsletter articles, webpage updates, direct emails and other collateral and communications channels to enhance the visibility of these AFN efforts.

23Em.23A1 - Internal Target: Deliverables Metric T1

Owner: Chris Troxell

Description: The AFN Strategic Communications Team will support AFN priorities by creating or collaborating on at least five communications products per month.

Due Date: 09/30/23

23Em.23A2 - Internal Target: Communications Support T2

Owner: Chris Troxell

Description: The AFN Strategic Communications Team will provide communications support in the form of scripts, blast emails, graphics, remarks, letters, promotional materials and speeches.

Due Date: 09/30/23

23Em.23B - Internal Activity: Website Support and Maintenance

Owner: Jenna Steele

Description: Provide website support and maintenance.

23Em.23B1 - Internal Target: AFN Web Liaison Updates T1

Owner: Jenna Steele

Description: Update the Intelligent Automation, EIM, and FOIA websites after receiving web-ready content.

Due Date: 09/30/23

23Em.23B2 - Internal Target: Validate AFN Content T2

Owner: Jenna Steele

Description: Annually, validate that 90% of AFN's faa.gov web content is reviewed and current.

Due Date: 09/30/23

23Em.23B3 - Internal Target: AFN ACSI T3

Owner: Jenna Steele

Description: Remediate any AFN ACSI (American Customer Satisfaction Index) customer feedback on FAA.gov pages and provide AOC the actionable steps taken on iterative improvements.

Due Date: 09/30/23

23Em.23B4 - Internal Target: 508 Compliance Rates T4

Owner: Jenna Steele

Description: Ensure that AFN's website exceeds DOT's Section 508 compliance rates.

Due Date: 09/30/23

23Em.25 - Internal Initiative: Program Review Processes

Owner: Tonya Coultas

Description: Conduct regular program reviews that evaluate the status, efficiency, effectiveness, and progress of ASH programs and help identify future direction, needs, and priorities of those programs as an FY23 ASH Learning Agenda priority.

23Em.25A - Internal Activity: Enhance Program Effectiveness with Evidence-Informed Planning, Reviews, and Audits

Owner: Bob Young

Description: The Office of Security and Hazardous Materials Safety (ASH) aims to improve the effectiveness of internal programs by conducting periodic reviews to assess compliance with policies; determine whether performance objectives are being met; assess the adequacy of program implementation; and promote effective program management and decisions, adjusting priorities, initiatives, and targets, ensuring preventive and corrective actions have been applied for previously identified deficiencies.

23Em.25A1 - Internal Target: Quarterly Performance Review (QPR)

Owner: Bob Young

Description: By 2nd Quarter, relaunch the QPR process, by developing a template and refining for improvement as warranted, to underpin more effective annual and year-over-year business planning, document evidence to support progress on KPIs, and document the effectiveness of programs and initiatives.

Due Date: 03/31/23

23Em.25A2 - Internal Target: Organizational Learning - After Action Reviews

Owner: Bob Young

Description: Develop and apply a format for conducting after-action reviews (AAR) conducted on operations and projects, applying mutual learning behaviors while tracking and cataloging lessons learned and recommendations for continual improvement derived from AAR findings.

Due Date: 09/30/23

23Em.25A3 - Internal Target: Organizational Learning - Decision Audits

Owner: Bob Young

Description: Draft and circulate for SMT discussion and adoption, a simplified approach to evaluate ASH's ability to use data-informed evidence to improve the decision-making process.

Due Date: 09/30/23

23Em.26 - Internal Initiative: Data Communications - Segment 1 Phase 2 Initial En Route Services

Owner: Malcolm Andrews

Description: Provide Data Comm Initial En Route Services

23Em.26A - Internal Activity: Data Communications - Segment 1 Phase 2 Initial En Route Services

Owner: Malcolm Andrews

Description: Execution of Data Comm Initial En Route Services Deployment

23Em.26A1 - Internal Target: Data Communications - Segment 1 Phase 2 Initial En Route Services

Owner: Malcolm Andrews

Description: Achieve 24/7 operations at 2 additional ARTCCs

Due Date: 06/30/23

23Em.35 - Internal Initiative: Data Communications - Segment 1 Phase 2 Full En Route Services

Owner: Malcolm Andrews

Description: Provide Data Comm Full En Route Services

23Em.35A - Internal Activity: Data Communications - Segment 1 Phase 2 Full En Route Services

Owner: Malcolm Andrews

Description: Execution of Data Comm Full En Route Services Deployment

23Em.35A1 - Internal Target: Data Communications - Segment 1 Phase 2 Full En Route Services

Owner: Malcolm Andrews

Description: Achieve 24/7 operations for Increment 1 capabilities at the Key Site

Due Date: 03/31/23

23Em.39 - Internal Initiative: Business Optimization

Owner: Tonya Coultas

Description: Assess current state technological capabilities, processes, and procedures, define future-state needs, and identify critical use cases for improvements to technological capabilities or governance.

23Em.39A - Internal Activity: Operational Agility

Owner: Leesa Papier

Description: Ensure agility in internal operational processes.

23Em.39A1 - Internal Target: Advance National Security Programs

Owner: Leesa Papier

Description: On a semi-annual basis, apply a valid assessment framework and written report describing the operational agility of ASH's national security programs to attain consistency and relevancy of deliverables for internal and external partners to make timely informed decisions thereby enhancing safety of the NAS and civil aviation.

Due Date: 09/30/23

23Em.39A2 - Internal Target: Agile Incident Monitoring and Response

Owner: Leesa Papier

Description: On a semi-annual basis, apply a valid assessment framework and written report validating ASH's incident monitoring and response agility, preparedness, and ability to leverage resources and implement identified modifications in support of stakeholders to protect and enable safe and efficient operation for existing and emerging users of the NAS.

Due Date: 09/30/23

23Em.39B - Internal Activity: Security Solutions Support

Owner: Dominique Wallace

Description: Develop new security solutions or enhance existing solutions to meet evolving business needs and create sustainable value to ASH program offices.

23Em.39B2 - Internal Target: ASH Data Management

Owner: Dominique Wallace

Description: Develop a draft ASH Data Management Plan that increases access to legacy data and augment the capability to rapidly deploy products that better serve the needs of the ASH Program Offices and workforce.
• Assess legacy data and data quality across applications supported by AXM for ASH Program Offices. Collaborate with the ASH Records Manager and Program Offices to purge unnecessary data. March 30, 2023
• Develop an ASH Data Management Plan that standardizes how data is collected, stored, analyzed, maintained, and accessed. June 30, 2023
• Implement Phase 2 of the ASH Operational Metrics Dashboard. September 30, 2023.
• Migrate ASH legacy applications included in the Phase 4 of the AXM Cloud Roadmap to the FAA GovCloud. September 30, 2023.

Due Date: 09/30/23

23Em.41 - Internal Initiative: ESA Stakeholder Engagement Forum Feedback and Lessons Learned

Owner: Colleen D'Alessandro

Description: Provide results of the participant survey and captured lessons learned from the June 23, 2022 ESA Stakeholder Engagement Forum to the ESA ARA/ATO/ARP Governance Council. This will support development of the agenda for the next forum tentatively scheduled for the week of January 30, 2023.

23Em.41A - Internal Activity: ESA Stakeholder Engagement Forum Feedback and Lessons Learned

Owner: Colleen D'Alessandro

Description: Review and compile the survey results from the June 23, 2022 ESA Stakeholder Engagement Forum and present during a regularly scheduled ESA ARA/ATO/ARP Governance Council Meeting.

23Em.41A1 - Internal Target: ESA Stakeholder Engagement Forum Survey and Lessons Learned

Owner: Colleen D'Alessandro

Description: Present participant survey results and lessons learned from the June 23, 2022 ESA Forum at an ESA ARA/ATO/ARP Governance Council Meeting.

Due Date: 12/30/22

23Em.42 - Internal Initiative: FAA FOIA Program

Owner: Dedra Goodman

Description: Ensure FOIA requests from the general public are processed within statutory timeframes and improve management of FOIA program.

23Em.42A - Internal Activity: Processing FOIA Request with Statutory Timeframes

Owner: Dedra Goodman

Description: Manage the FAA FOIA Program in accordance with FOIA Improvement Act of 2016 and ensure FOIA requests from the general public are processed within statutory time frames.

23Em.42A1 - Internal Target: On-Time Processing T1

Owner: Dedra Goodman

Description: Ensure FOIA requests from the general public are processed within statutory time frames by maintaining an agency on-time response rate for initial FOIA requests of 75% or higher.

Due Date: 09/30/23

23Em.42C - Internal Activity: FOIA Backlog Reduction

Owner: Dedra Goodman

Description: Per the Open Government Directive, each agency with a significant pending backlog of outstanding Freedom of Information requests shall take steps to reduce any such backlog by ten percent each year. The FAA objective is not to just reduce the backlog, but to maintain the targeted reduction over the course of the fiscal year.

23Em.42C1 - Internal Target: Reduce FAA FOIA Backlog T1

Owner: Dedra Goodman

Description: Sustain a true 10% reduction, thus maintaining the reduction over the course of the fiscal year. Reduce FAA FOIA backlog not to exceed a total count of 547 from overdue backlog levels of 608 as of October 1, 2022.

Due Date: 09/30/23

23Em.42C2 - Internal Target: AFN - Reduce FAA FOIA Backlog T2

Owner: Dedra Goodman

Description: Reduce AFN FOIA overdue backlog (level as of October 1, 2022) by 10% and sustain a 10% reduction on new overdue requests throughout FY2023.

Due Date: 09/30/23

23Em.42C3 - Internal Target: ARP - Reduce FAA FOIA Backlog

Owner: Sabreenah Key

Description: Reduce ARP FOIA overdue backlog (level as of October 1, 2022) by 10% and sustain a 10% reduction on new overdue requests throughout FY2023.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.42C4 - Internal Target: AGC - Reduce FAA FOIA Backlog

Owner: Tracy Cotton

Description: Reduce AGC FOIA overdue backlog (level as of October 1, 2022) by 10% and sustain a 10% reduction on new overdue requests throughout FY2023.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.42C5 - Internal Target: ACR - Reduce FAA FOIA Backlog

Owner: Harnetta Williams

Description: Reduce ACR FOIA overdue backlog (level as of October 1, 2022) by 10% and sustain a 10% reduction on new overdue requests throughout FY2023.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.42C6 - Internal Target: APL - Reduce FAA FOIA Backlog

Owner: Gian Macone

Description: Reduce APL FOIA overdue backlog (level as of October 1, 2022) by 10% and sustain a 10% reduction on new overdue requests throughout FY2023.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.42D - Internal Activity: 10 Oldest Pending FAA FOIA Requests Activity

Owner: Dedra Goodman

Description: Close 50% of the FAA's 10 Oldest Initial FOIA Requests reported to the Department of Justice as of October 1, 2022.

23Em.42D1 - Internal Target: 10 Oldest Pending FAA FOIA Requests T1

Owner: Dedra Goodman

Description: Close 50% of the FAA's 10 Oldest Initial FOIA Requests reported to the Department of Justice as of October 1, 2022.

Due Date: 09/30/23

23Em.43 - Internal Initiative: Time-Division Multiplexing to Internet Protocol (TDM-to-IP) Migration

Owner: Rhonda Evans-Gates

Description: The Time-Division Multiplexing to Internet Protocol (TDM-to-IP) Migration program will begin the systems interface development work in order to modernize National Airspace System (NAS) Systems to be IP-compatible. More than 90 percent of the 23,000 services obtained under the FAA Telecommunications Infrastructure (FTI) contract are TDM-based. FTI makes extensive use of the infrastructure of commercial Telecommunications carriers to reach more than 4,000 facilities operated by the FAA within the Continental United States (CONUS) and outside the CONUS (OCONUS).

23Em.43A - Internal Activity: Enterprise Solutions and Engineering: TDM-IP Migration

Owner: Joshua Gustin

Description: Modernize the system communications interface of NAS systems to be IP-compatible as part of the standard technology refresh process: As these carriers phase-out TDM-based infrastructure and migrate to IP-based technology, the potential impacts to the FAA are significant because the majority of NAS services are dependent upon the precision timing, deterministic performance, and low latency of TDM-based services.

23Em.43A1 - Internal Target: Time Division Multiplexing (TDM) to Internet Protocol (IP) Migration, Network Portfolio Remote Telecommunications Infrastructure Replacement (RTIR)

Owner: Charles Burand

Description: Complete Federal Aviation Administration (FAA) site preparation activities at two hundred (200) Remote Telecommunications Infrastructure Replacement (RTIR) sites. (CAM Goal)

Due Date: 09/30/23

23Em.43A2 - Internal Target: Time Division Multiplexing (TDM) to Internet Protocol (IP) Migration, Network Portfolio Remote Telecommunications Infrastructure Replacement (RTIR)

Owner: Charles Burand

Description: Complete seven hundred and fifteen (715) cumulative Remote Telecommunications Infrastructure Replacement (RTIR) site transitions

Due Date: 09/30/23

23Em.43A3 - Internal Target: Time Division Multiplexing (TDM) to Internet Protocol (IP) Migration En Route Automation Modernization (ERAM) All Purpose Structured Eurocontrol Surveillance Information Exchange (ASTERIX)

Owner: Charles Burand

Description: Deliver En-Route Automation Modernization (ERAM) All Purpose Structured Eurocontrol Surveillance Information Exchange (ASTERIX) Software

Due Date: 01/31/23

23Em.43A4 - Internal Target: Time Division Multiplexing (TDM) to Internet Protocol (IP) Migration

Owner: Charles Burand

Description: Complete Key Site Testing of IP and LTE solution for the 3rd Gen Very High-Frequency Omni-Directional Range (VOR) system

Due Date: 09/30/23

23Em.43A5 - Internal Target: Enterprise Engineering & Infrastructure Services - NAS Integration & Infrastructure Solutions

Owner: Andy Isaksen

Description: Implement Internet Protocol (IP) service between the Federal Aviation Administration (FAA) and the United Kingdom to replace existing Time Division Multiplexing (TDM) connection.

Due Date: 09/30/23

23Em.43A6 - Internal Target: Enterprise Engineering & Infrastructure Services - NAS Integration & Infrastructure Solutions

Owner: Andy Isaksen

Description: Complete Request for Proposal (RFP) with North American, Central American and Caribbean (NACC) International Civil Aviation Organization (ICAO)office for new Caribbean network, known as CANSNET (Caribbean Air Navigation Services Network), intended to replace current Mejoras al Enlace de Voz del ATS (MEVA) III network.

Due Date: 09/30/23

23Em.43A7 - Internal Target: Enterprise Engineering & Infrastructure Services - NAS Integration & Infrastructure Solutions

Owner: Andy Isaksen

Description: Evaluate vendor solutions, toolsets and licensing required to add Platform as a Service (PaaS) offerings to the Integrated Enterprise Services Platform (IESP) platform to enhance the services offered to National Airspace System (NAS).

Due Date: 09/30/23

23Em.43A8 - Internal Target: Enterprise Engineering & Infrastructure Services - NAS Integration & Infrastructure Solutions

Owner: Andy Isaksen

Description: Develop, and submit for validation to the Safety & Technical Training (AJI) organization, the Federal Aviation Administration (FAA) National Airspace System (NAS) Networking Fundamentals eLMS training course.

Due Date: 09/30/23

23Em.43A9 - Internal Target: Time Division Multiplexing (TDM) to Internet Protocol (IP) Migration En Route Automation Modernization (ERAM) All Purpose Structured Eurocontrol Surveillance Information Exchange (ASTERIX)

Owner: Charles Burand

Description: Complete verification activities for En Route Automation Modernization (ERAM) all-purpose structured EUROCONTROL surveillance information exchange (ASTERIX) functionality

Due Date: 08/31/23

23Em.44 - Internal Initiative: Voice Switching and Control System (VSCS) Tech Refresh Phase 4

Owner: Malcolm Andrews

Description: Voice Switching and Control System (VSCS) controls the switching mechanisms allowing controllers to select the communication channel needed to communicate with pilots, other controllers, other air traffic facilities, and commercial telephone contacts. Controllers need to be able to quickly select the proper channel, to communicate with pilots, coordinate with other controllers and/or contact emergency services as necessary. The VSCS Technology Refresh program will replace/upgrade hardware and software components for the voice switching systems in all 21 en route air traffic control centers. The real time Field Maintenance/Testing System at the FAA William J. Hughes Technical Center (WJHTC) and the Training System at the FAA Academy will also be upgraded to perform the same as an operational site. These upgrades will ensure the air-to-ground and ground-to-ground communications capabilities are reliable and available for separating aircraft, coordinating flight plans, and transferring information between air traffic control facilities in the en route environment. To date, this program has replaced the VSCS internal control systems, updated the obsolete language used in some software programs, and replaced the VSCS Timing and Traffic Simulation Unit at the FAA WJHTC. This WJHTC test bed is being used to test the capabilities of the upgraded systems to determine if they meet the formal baseline requirements established for VSCS performance before they are deployed to operational field facilities. VSCS Technology Refresh Phase 3 (P3) will be dependent upon engineering analysis which will include Ground-to-Ground (G/G) node reduction efforts (approximately 10 nodes), Fiber Optic Tie Trunk (FOTT) power supply replacements (approximately 500 supplies), Local Area Network (LAN) Transceiver retrofits (approximately 7,000), and the PLM to C software conversion for the Air-to-Ground (A/G) switch. A Final Investment Decision for VSCS Technology Refresh P3 was approved Nov. 2012.

23Em.44A - Internal Activity: Voice Switching and Control System (VSCS) Sustainment 4

Owner: David Gray

Description: Design, develop, and test VSCS technical refresh hardware and software.

23Em.44A1 - Internal Target: Voice Switching Control System (VSCS) - VSCS Indirect Access Keypad (VIK) Replacement

Owner: Clarissa Riffe

Description: Production decision granting the vendor authorization to proceed with manufacturing the Voice Switching and Control System (VSCS) Indirect Access Keypad (VIK) Replacement units.

Due Date: 06/30/23

23Em.44A6 - Internal Target: Voice Switching Control System (VSCS)-Common Switch Power Supply (CSPS) Replacement

Owner: Clarissa Riffe

Description:
Common Switch Power Supply (CSPS) Replacement - Preliminary Design Review (PDR) Complete

Due Date: 08/31/23

23Em.44A7 - Internal Target: Voice Switching Control System (VSCS) - Cyberex Static Transfer Switch (STS) Replacement

Owner: Clarissa Riffe

Description: Completion of site surveys at all twenty-one (21) Air Route Traffic Control Centers (ARTCC) in preparation for the implementation of the Voice Switching Control System (VSCS) Static Transfer Switch (STS) project.

Due Date: 07/31/23

23Em.44A9 - Internal Target: Voice Switching Control System (VSCS) - Control Subsystem Upgrade (VCSU) Server Tech Refresh

Owner: Clarissa Riffe

Description: Delivery Order Award for the development and procurement of the server sustainment units

Due Date: 05/31/23

23Em.44A10 - Internal Target: Voice Switching and Control System (VSCS) - GRIM/Back-Up Emergency Communication (BUEC) Circuit Card Assembly Reproduction

Owner: Clarissa Riffe

Description: Completion of manufacturing and successful production acceptance testing of the 3rd Lot of GRIM circuit card assemblies (CCA).

Due Date: 06/30/23

23Em.44A11 - Internal Target: Voice Switching Control System (VSCS) - Workstation Upgrade

Owner: Clarissa Riffe

Description: Successful completion of Voice Switching and Control System (VSCS) Workstation Upgrade Factory Acceptance Test (FAT) test procedures at the vendor facility.

Due Date: 09/30/23

23Em.45 - Internal Initiative: Communications Facilities Enhancement

Owner: Dieter Thigpen

Description: The Communications Facilities Enhancements (CFE) program provides new or relocated radio control facilities to enhance the A/G communications between air traffic control and aircraft when there are gaps in coverage or new routes are adopted by aircraft flying through the facility's airspace.

23Em.45A - Internal Activity: Expand Communications Facilities Enhancement (CFE)

Owner: Dieter Thigpen

Description: Expand Communications Facilities Enhancement (CFE)

23Em.45A1 - Internal Target: Air/Ground Voice Communications-Communication Facilities - Sustain (CF-S)

Owner: Dieter Thigpen

Description: Complete four (4) Communication Facilities - Sustain (CF-S) Corporate Work plan projects.

Due Date: 09/30/23

23Em.46 - Internal Initiative: Next-Generation VHF A/G Communications System (NEXCOM) - Segment 2-Phase 1

Owner: Joshua Gustin

Description: The NEXCOM program replaces and modernizes the aging and obsolete NAS air-to-ground (A/G) analog radios that allow direct voice communication with pilots. Segment 2 will implement new radios that will service the high-density terminal areas and the flight service operations from FY 2010 to FY 2022.

23Em.46A - Internal Activity: Next-Generation VHF A/G Communication System (NEXCOM2) - Phase 2

Owner: Dieter Thigpen

Description: Next-Generation VHF A/G Communication System (NEXCOM2) - Segment 2 Phase 1: Deploy Terminal and Flight Services Air Traffic Control Radios.

23Em.46A1 - Internal Target: Air/Ground Voice Communications-Next Generation Very High Frequency (VHF) and Ultra High Frequency (UHF) Air/Ground (A/G) Communications (NEXCOM) Phase 2

Owner: Dieter Thigpen

Description: Operational Readiness Demonstration (ORD) at 445th Next-Generation Air/Ground Communications (NEXCOM) Phase 2 site

Due Date: 09/30/23

23Em.46A3 - Internal Target: Air/Ground Voice Communications-Next Generation VHF and UHF A/G Communications (NEXCOM) Phase 2

Owner: Dieter Thigpen

Description: Complete Emergency Transceiver Factory Acceptance Testing (FAT).

Due Date: 09/30/23

23Em.46A4 - Internal Target: Air/Ground Voice Communications-Next Generation Very High Frequency (VHF) and Ultra High Frequency (UHF) Air/Ground Communications (NEXCOM) Phase 2

Owner: Dieter Thigpen

Description: Receive the first shipment of Mobile Communications Transceivers (MCT)

Due Date: 06/30/23

23Em.49 - Internal Initiative: Airport Cable Loop Systems Sustained Support

Owner: Joshua Gustin

Description: This program replaces existing on-airport, copper-based, signal/control cable lines that have deteriorated. The primary focus will be on projects at airports with high traffic counts and enplanements.

23Em.49A - Internal Activity: Airport Cable Loop Systems Sustained Support

Owner: Dieter Thigpen

Description: Airport Cable Loop Systems Sustained Support. Install fiber optic cable loop.

23Em.49A1 - Internal Target: Air/Ground Voice Communications-Airport Cable Loop Systems (ACLS) Sustained Support

Owner: Dieter Thigpen

Description: Complete two (2) Airport Cable Loop Systems (ACLS) Corporate Work plan projects.

Due Date: 09/30/23

23Em.51 - Internal Initiative: Improve Data Management Systems

Owner: Steven Hicks

Description: Improve capabilities of individual data management systems (SOAR, ADIP, ADMS, etc.) and provide integrated data tools supporting enhanced business analytics for ARP employees.

23Em.51A - Internal Activity: Create Airports Document Management System (ADMS) system

Owner: Richard Kula

Description: Implement new electronic document management system for ARP documents and records.

23Em.51A2 - Internal Target: Develop Plan to Transition from ARP Legacy Network Drives to ADMS

Owner: Mustafa Omar

Description: Establish an ADMS Transition Plan for ARP to move from the legacy network drives to using ADMS for all appropriate records. This transition plan will include the development of a communications strategy that provides guidance on milestones, timelines, naming conventions, and individual roles and responsibilities.

Due Date: 06/30/23

23Em.51A3 - Internal Target: ADMS enhancements

Owner: Mustafa Omar

Description: Develop, test and deploy the four primary ADMS enhancements that were identified by the ADMS users during rollout of the ADMS platform. This includes the following four items: (1) Ability to Save in Red Folders, (2) Ability to delete others files (in certain circumstances), (3) Regional Folder Modifications, and (4) Desktop Sync.

Due Date: 03/31/23

23Em.51A4 - Internal Target: ADMS training

Owner: Mustafa Omar

Description: Identify, prepare, and conducted ADMS training opportunities for new and advanced users across the Office of Airports. This will include soliciting ADMS training topics from staff, preparing the appropriate webinar based training materials and delivering training to ADMS users. This will include no fewer than 3 new user and 3 advanced user training opportunities.

Due Date: 08/31/23

23Em.51B - Internal Activity: Improve, transform and integrate SOAR modules (internal and external) to gain productivity and increase access to a wide variety of information in a timely manner.

Owner: Cameron Bryan

Description: Improve, transform and integrate SOAR to gain productivity and increase information availability and timeliness.

23Em.51B1 - Internal Target: SOAR Contract Officer Representative (COR) transition

Owner: Cameron Bryan

Description: Transition Contract Officer Representative (COR) functions from incumbent to new staff.

Due Date: 01/31/23

23Em.51B2 - Internal Target: SOAR support contract

Owner: Cameron Bryan

Description: Work with Contract Officer and AFN to ensure SOAR has continued contractor support for all of FY23 while contract re-competition in going through the necessary procurement process.

Due Date: 09/30/23

23Em.51B3 - Internal Target: Non-core SOAR transition projects

Owner: Cameron Bryan

Description: Identify and begin two non-core SOAR Transformation Projects (e.g., ACIP/DCL, Delphi API's)

Due Date: 09/30/23

23Em.51C - Internal Activity: Database Optimization

Owner: Steven Hicks

Description: Implement long-term data integration requirements for ARP used databases.

23Em.51C1 - Internal Target: Technology/database system life cycle cost

Owner: Steven Hicks

Description: Evaluate tools to track technology/database system life cycle cost.

Due Date: 09/30/23

23Em.51C2 - Internal Target: Technology request form

Owner: Steven Hicks

Description: Develop standardized electronic technology request form.

Due Date: 09/30/23

23Em.51D - Internal Activity: Continue modernization of the Airport Data Information Program (ADIP)

Owner: Michael Meyers

Description: Consolidate modules and implement improvements to the ADIP.

23Em.51D2 - Internal Target: Runway Airspace Management Tool

Owner: John Dermody

Description: Continue to develop the Runway Airspace Management tool in ADIP that includes but is not limited to the development of the Obstacle Action Plan.

Due Date: 09/30/23

23Em.51D3 - Internal Target: Establish ADIP QMS to ISO Criteria

Owner: Christopher Criswell

Description: Pursue formalizing the Airport Data & Information Portal (ADIP) Quality Management System (QMS) to comply with ISO 9001:2015 criteria. This brings ADIP in alignment with ICAO Annex 15 requirements.

Due Date: 09/30/23

23Em.51D4 - Internal Target: Vertiport Data Collection Standards

Owner: John Dermody

Description: AAS-120 to incorporate vertiport data collection requirements within the Airport Data and Information Portal (ADIP).

Due Date: 09/30/23

23Em.51D5 - Internal Target: Aeronautical Surveying and Data Standards

Owner: John Dermody

Description: AAS-120 will coordinate review of Draft Aeronautical Surveying and Data Standards with internal and external stakeholders.

Due Date: 09/30/23

23Em.51D6 - Internal Target: Airport Data Manager module

Owner: John Dermody

Description: AAS-120 will prepare draft revisions to AC150/5300-19 to incorporate requirements of Airport Data Manager (ADM) module.

Due Date: 09/30/23

23Em.51E - Internal Activity: Grant Administration Efficiency

Owner: Rob Hawks

Description: Evaluate and implement, as appropriate, the efficiency recommendations developed by the Grant Efficiency Focus (GEF) team in FY18.

23Em.51E1 - Internal Target: SOAR Grant Announcement List/Tool

Owner: Dave Cushing

Description: Develop and implement a dynamic Grant Announcement List/Tool internal to SOAR.

Due Date: 09/30/23

23Em.51E2 - Internal Target: Grant Document Index Automation

Owner: Dave Cushing

Description: Develop implementation plan for new capabilities in SOAR to generate the correct index for a given project.

Due Date: 09/30/23

23Em.51E3 - Internal Target: SOAR Enhanced Grant Tracking

Owner: Dave Cushing

Description: Develop implementation plan for new capabilities in SOAR to produce the 3-year ACIP, manage the DCL, and automate the justification process.

Due Date: 09/30/23

23Em.51E4 - Internal Target: State Block Grant Program (SBGP) Tracking Tool

Owner: Dave Cushing

Description: Expand the current working group to SBGS points of contacts for refined data needs for connection to SOAR. Determine technology needs to finalize business rules for SBGP subgrant tracking and reporting.

Due Date: 09/30/23

23Em.51E5 - Internal Target: SOAR Buy American Tracking and Reporting

Owner: Dave Cushing

Description: Establish a working group to develop input, tracking, and reporting requirements of Buy American waivers to projects in SOAR.

Due Date: 05/31/23

23Em.51F - Internal Activity: Implement Records Management System

Owner: Sabreenah Key

Description: Implement Records Management

23Em.51F1 - Internal Target: Complete review and update of all ARP official file plans to ensure currency.

Owner: Sabreenah Key

Description: Review and update all ARP official file plans for accuracy, consistency, and completeness.

Due Date: 11/30/22

23Em.51F2 - Internal Target: Establish and implement an ARP Records Management Plan

Owner: Sabreenah Key

Description: Establish an ARP Records Management workgroup representing ARP region and directorate records coordinators, file coordinators, and technical SMEs

Due Date: 01/31/23

23Em.51F3 - Internal Target: Establish and implement an ARP Records Management Plan

Owner: Sabreenah Key

Description: Create a draft ARP Records Management plan that addresses ARP records management practices, roles and responsibilities of records/file coordinators, and records management training.

Due Date: 06/30/23

23Em.51F4 - Internal Target: Ensure consistent management of ARP records and compliance with FAA Records Management policy

Owner: Sabreenah Key

Description: 50% of Records Coordinators/File Coordinators will complete NARA Level 1 Terminology and Level 1 Tools training

Due Date: 01/31/23

23Em.53 - Internal Initiative: Customer Experience and Messaging – Use Information to Improve System Performance

Owner: David Spencer

Description: The Customer Experience and Messaging group within ATO Management Services Customer Strategy addresses all internal communications within AJG and all external communications to our customers.

23Em.53A - Internal Activity: AJG Communication Plan [Core Work]

Owner: Nancy Dorr

Description: Incorporate and evolve communication strategies throughout Management Services with recurring and predictable strategy sessions.

23Em.53A1 - Internal Target: Communication Sessions

Owner: Nancy Dorr

Description: On a monthly basis, lead communication-themed sessions with all four directorates to review and forecast important communications stories and leadership updates affecting the workforce.

Due Date: 09/30/23

23Em.53A2 - Internal Target: Communication Metrics

Owner: Nancy Dorr

Description: On a quarterly basis, provide Management Services senior leadership team with important communication metrics (e.g. readership/click rates, qualitative feedback, etc.)

Due Date: 09/30/23

23Em.54 - Internal Initiative: ATO Strategic Planning – Use Information to Improve System Performance

Owner: David Spencer

Description: The Strategic Planning group leads the process of strategic and business planning and integration of the ATO Business Plan within FAA's context. The group facilitates the ATO service units' use of goals and performance measures. The Strategic Planning group also leads and coordinates the Capital Investment Plan submission to Congress.

23Em.54A - Internal Activity: ATO Business Planning and Strategic Reporting [CORE WORK]

Owner: Denis Ortega

Description: Primary FAA business plans document efforts towards accomplishing the Agency's major goals, highlight the Agency's Strategic Initiatives, and provide line of sight for Performance Management. The Strategic Planning Group leads the development of annual ATO business plans, including strategic initiatives, Corporate Goals and DOT reported performance measures. Strategic Planning also leads communication around major initiatives and planned accomplishments of interest for the coming fiscal year.

23Em.54A1 - Internal Target: ATO Strategic Business Planning

Owner: Irina Ioachim

Description: Lead ATO's effort to consistently report on ATO Performance Metrics and keep ATO's leadership team informed on progress and actionable items. Collaborate with FAA's planning office to integrate ATO's business planning activities, and align plans with FAA and ATO Priorities. Partner with all service unit lead planners on ATO Programs and performance metric efforts. Coordinate the preparation of an ATO Business Plan for the next FY based on FAA's guidelines and timeline, including the identification of ATO owned Corporate Goals and DOT reporting requirements.

Due Date: 09/30/23

23Em.54A2 - Internal Target: ATO Strategic Reporting Requirements

Owner: Irina Ioachim

Description: Coordinate ATO's response to requests from FAA and DOT for quarterly and annual reporting requirements. Coordinate development of annual Corporate Goals owned by the ATO, along with those requiring significant ATO support.

Due Date: 09/30/23

23Em.54B - Internal Activity: ATO-wide Projects [Integration]

Owner: Denis Ortega

Description: The Customer Strategy directorate leads work on ATO-wide initiatives and coordinates across service units to depict a unified framework.

23Em.54B1 - Internal Target: ATO Community Metrics

Owner: Holly Mullen

Description: Coordinate quarterly Community Metrics briefings, and facilitate ATO Leadership discussions and decisions throughout FY23.

Due Date: 09/30/23

23Em.54C - Internal Activity: Five Year Capital Investment Plan [CORE WORK]

Owner: Denis Ortega

Description: Develop and coordinate the FAA Five Year Capital Investment Plan.

23Em.54C1 - Internal Target: Abbreviated CIP

Owner: Charles Thorpe

Description: Coordinate and deliver the FY24-FY28 abbreviated Five-Year Capital Investment Plan to ABP-310 for submission with the FY24 President's budget.

Due Date: 04/30/23

23Em.54C2 - Internal Target: Five Year CIP Kickoff

Owner: Charles Thorpe

Description: Initiate formulation of the FY25-FY29 Five-Year Capital Investment Plan to include verification and validation of points of contact list and issuance of guidance, instructions, background information and other relevant input for updating program plans to all points of contact, business managers and program managers.

Due Date: 07/31/23

23Em.54C3 - Internal Target: CIP Overview

Owner: Charles Thorpe

Description: Deliver the final draft FY24-FY28 Five-Year Capital Investment Plan Overview to AOA after facilitating the collaboration and coordination of its review through the ATO COO’s office and other FAA LOBs.

Due Date: 07/31/23

23Em.55 - Internal Initiative: Airports Compliance Program

Owner: Kevin Willis

Description: Enhance the Office of Airports Compliance Program.

23Em.55A - Internal Activity: Update Compliance Guidance

Owner: Kevin Willis

Description: Update FAA Order 5190.6B and prepare air carrier incentives guidance.

23Em.55A1 - Internal Target: FAA 5190.6B Compliance Handbook Revision

Owner: Kevin Willis

Description: Continue revising FAA Order 5190.6B - Airport Compliance Manual.

Due Date: 09/30/23

23Em.55A2 - Internal Target: Air Carrier Incentive Guidance

Owner: Kevin Willis

Description: Conduct an industry day to discuss the Federal Register Notice on updates to the air carrier incentive policy and issue final guidance.

Due Date: 09/30/23

23Em.55A3 - Internal Target: Exclusive Rights Policy

Owner: Kevin Willis
Description: Prepare updated guidance for exclusive rights.

Due Date: 09/30/23

23Em.55A4 - Internal Target: Monitoring Airport Business Trends

Owner: Kevin Willis
Description: Establish a list of topics of interest to track and a create periodic reports for ARP Management.

Due Date: 09/30/23

23Em.55B - Internal Activity: Improve compliance tools and resources to increase program efficiency

Owner: Kevin Willis
Description: Implement ACAS (Airport Compliance Activity Suite) case management system to track Part 16

23Em.55B1 - Internal Target: FAA Order 5190.2R Training

Owner: Kevin Willis
Description: Once the upgrade is complete, provide training to compliance specialists and track the usage of HALO (FAA Order 5190.2R).

Due Date: 09/30/23

23Em.55B2 - Internal Target: Certification Activity Tracking System (CATS) Upgrade

Owner: Kevin Willis
Description: Enhance the accuracy of the sponsor’s reporting of CATS Forms by performing periodic assessments to determine abnormal entries , timely submittal, and a complete reporting population.

Due Date: 09/30/23

23Em.55B3 - Internal Target: Compliance Database Enhancements

Owner: Kevin Willis
Description: Conduct quarterly reporting of ACO database usage, including a geographic analysis of compliance issues and complaints.

Due Date: 09/30/23

23Em.56 - Internal Initiative: Enterprise Programs Communication Services

Owner: Gloria Richmond
Description: General Services Administration (GSA) Enterprise Infrastructure Solutions (EIS)

23Em.56A - Internal Activity: Enterprise Programs Communication Services

Owner: Gloria Richmond
Description: Transition/Transform Administrative Telecommunication services from existing GSA contracts to one GSA contract.

23Em.56A1 - Internal Target: Enterprise Programs Communication Services

Owner: Gloria Richmond

Description: Transition 40% of existing General Services Administration (GSA) services to the Enterprise Infrastructure Solutions (EIS) Contract.

Due Date: 09/30/23

23Em.59 - Internal Initiative: National Airport Infrastructure Strategy

Owner: Rob Hawks

Description: Create a streamlined, efficient, resilient, and integrated National Airport, Vertiport, and Spaceport System that is safe, affordable, and sustainable in support of national security, community, and economic interests.

23Em.59A - Internal Activity: Align FAA investments in airport infrastructure and FAA-owned facilities

Owner: Rob Hawks

Description: Develop a coordinated FAA national infrastructure strategy to help define, prioritize, align where possible AIP and F&E infrastructure investments, and inform future budget requests.

23Em.59A1 - Internal Target: Update Strategy to V2.0

Owner: Jason Brez

Description: Refine initial version of strategy to V2.0 to include Key Performance Indicators, Strategy Execution Planning, refinement of action plan and collaboration with external stakeholders.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.60 - Internal Initiative: Runway Pavement Maintenance

Owner: John Dermody

Description: Ensure airport infrastructure is kept in a safe and serviceable condition through capital improvements and airport inspections.

23Em.60A - Internal Activity: Ensure runway pavement is kept in a safe and serviceable condition

Owner: John Dermody

Description: Maintain eligible runway pavement in Excellent, Good, or Fair condition

23Em.60A1 - Internal Target: Ensure runway pavement is kept in a safe and serviceable condition

Owner: John Dermody

Description: Maintain eligible runway pavement in Excellent, Good, or Fair condition (based on visual inspections) for 93% of the paved runways in the National Plan of Integrated Airport Systems.

Due Date: 09/30/23

23Em.61 - Internal Initiative: ATO UAS Services Plan Priority 4 – UGIMS, Infrastructure, and Automation

Owner: Dan Hicok

Description: Integrating UAS into the NAS presents numerous challenges to existing systems and infrastructure used to authorize, inform, track, and support individual operations. The ATO must be able to use, store, process and manipulate large amounts of data in a secure manner to ensure safe and seamless integration of UAS services. In response to these expected challenges, the ATO is prioritizing the continued development of the UAS Geospatial Information Management System (UGIMS), FAA communication and surveillance infrastructure, automation systems (e.g., LAANC), and related processes and components.

23Em.61A - Internal Activity: Managing UAS Geospatial Information

Owner: Sean Bodkin

Description: Finalize Shortfall Analysis Report and complete CRDRD for an enterprise capability to manage UAS geospatial information, which considers operational need for the submission, management, and publication of shape files associated with managing UAS Geospatial Information.

23Em.61A1 - Internal Target: Acquisition strategy for the Enterprise UAS Geospatial Information Management System (UGIMS)

Owner: James Sizemore

Description: Finalize and obtain concurrence on the acquisition strategy for the Enterprise UAS Geospatial Information Management System (UGIMS), including successful completion of the Concept and Requirements Definition Readiness Decision (CRDRD) and Shortfall Analysis Report.

Due Date: 09/30/23

23Em.61B - Internal Activity: Geospatial Data Feed Service (GDFS) initial integration

Owner: Victoria Gallagher

Description: Geospatial Data Feed Service (GDFS) initial integration

Core Coordinated: Agreed

23Em.61B1 - Internal Target: Low Altitude Authorization and Notification Capability (LAANC) - Geospatial Data Feed Service (GDFS) Initial Integration-Core Coordination

Owner: Victoria Gallagher

Description: Complete Geospatial Data Feed Service (GDFS) initial integration evaluation with LAANC. This includes completing the GDFS minimum viable product (MVP) development

Due Date: 09/30/23

23Em.61C - Internal Activity: UAS Risk Automated Analysis Tool (URAAT)

Owner: Gregory Pray

Description: Create or enhance FAA internal capabilities to support UAS-related processes, such as UAS Risk Automated Analysis Tool (URAAT).

Core Coordinated: Agreed

23Em.61C1 - Internal Target: Conduct Risk Analysis (URAAT)

Owner: Kelsey Sydney

Description: Develop a URAAT Training Plan.

Due Date: 09/30/23

23Em.61C2 - Internal Target: UAS Risk Analysis

Owner: Gerald Pilj

Description: Develop system requirements to transition risk assessment capabilities to a web-based platform and explore the viability of a graphic user interface to depict drone operation areas.

Due Date: 09/30/23

23Em.61C3 - Internal Target: Develop Training Package

Owner: Gerald Pilj

Description: Develop training package on use of MRAAT/URAAT – including likelihood calculation and identifying common mistakes by collaborating with AJI 31.

Due Date: 09/30/23

23Em.63 - Internal Initiative: FY23 Critical Acquisition Milestones

Owner: Bo Cappabianca

Description: This serves as the repository of AEM FY23 Critical Acquisition Milestones.

23Em.63A - Internal Activity: Safety Workforce Device Deployment FY23 Critical Acquisition Milestone

Owner: Bo Cappabianca

Description: Regulation and Certification Infrastructure for System Safety (RCISS) has FY23 Capital Investment Plan (CIP) milestones that must be met according to the Financial Services (ABA) goal to meet 90% of approved milestones. One of these milestones is to complete the deployment of the safety critical workforce devices.

23Em.63A1 - Internal Target: Safety Workforce Device Deployment - T1

Owner: Emily Phillips

Description: Replace 25% (or 1,746 units) of safety critical workforce equipment.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.63B - Internal Activity: DroneZone FY23 Critical Acquisition Milestone

Owner: Bo Cappabianca

Description: AEM FY23 Critical Acquisition Milestone for DroneZone.

23Em.63B1 - Internal Target: Foreign Notice of Identification - T1

Owner: Christopher Foster

Description: Deploy an initial operating capable (IOC) service in the FAA DroneZone that will allow users to submit a notice of identification for a foreign registered drone and create the certificate of identification as required by Part 89 Remote Identification (RID) rule.

Due Date: 07/31/23

23Em.64 - Internal Initiative: Creative Services

Owner: Allison LePage

Description: Use creative communications products (graphics/video/live events) in support of improving external communications.

23Em.64A - Internal Activity: Creative Services

Owner: Allison LePage

Description: Use digital communications products to improve education and outreach about the NAS.

23Em.64A1 - Internal Target: Activity Target 1

Owner: Allison LePage

Description: Produce 15 creative communications products (graphics/video/live events) in support of improving external communications.

Due Date: 09/30/23

23Em.65 - Internal Initiative: Educate and Inform the Public

Owner: Cynthia Ramsay

Description: Plan and execute proactive communications activities to provide agency stakeholders and the traveling public with accurate and timely information.

23Em.65A - Internal Activity: Public Information

Owner: Cynthia Ramsay

Description: Increase positive media coverage of FAA efficiency and capacity enhancements.

23Em.65A1 - Internal Target: Activity Target 1

Owner: Cynthia Ramsay

Description: Respond to media requests and/or acknowledge receipt of media inquiries within 1 hour and coordinate accurate and timely responses.

Due Date: 09/30/23

23Em.65A2 - Internal Target: Activity Target 2

Owner: Cynthia Ramsay

Description: Advise agency leadership on strategies to effectively and creatively communicate with the public. Coordinate agency-wide projects to ensure that information delivered to the public are consistent agency-wide and that public events are transparent and inclusive.

Due Date: 09/30/23

23Em.65B - Internal Activity: Public Education of NAS Safety Initiatives

Owner: Kristen Alsop

Description: Increase public, congressional, media, industry and pilot education and understanding of National Air System initiatives by providing them with safety information and the opportunity to directly engage with FAA subject matter experts.

23Em.65B1 - Internal Target: Increase Engagement for Digital Communications

Owner: Kristen Alsop

Description: Increase public, Congressional, Industry and pilot awareness by 25% from FY22 levels on various digital media platforms about safety initiatives and how to operate safely in the National Airspace System.

Due Date: 09/30/23

23Em.65B2 - Internal Target: Increase Engagement for Live Events

Owner: Kristen Alsop

Description: Exceed user participation and engagement via questions and comments for live digital events hosted in FY22 by 15% through FY23 to provide the general public and key stakeholders with safety information and opportunity to engage with FAA subject matter experts.

Due Date: 09/30/23

23Em.65B3 - Internal Target: Increase Awareness of National Air System Initiatives

Owner: Kristen Alsop

Description: Exceed user participation and engagement by measuring participation and engagement metrics for live digital events hosted in FY22 by 15% through FY23.

Due Date: 09/30/23

23Em.67 - Internal Initiative: Support Open Government Initiative

Owner: Tom Parisi

Description: Support the Open Government Initiative, the President's Executive Order on Streamlining Service Delivery and Improving Customer Service (EO 13571) and the 21st Century Digital Government directive by leveraging technology to make data available, improve web service efficiencies and increase productive collaboration with citizens, stakeholders and other government agencies while reducing duplicative efforts.

23Em.67A - Internal Activity: Effectively communicate as “one FAA”

Owner: Tom Parisi

Description: Establish consistent and unified messaging from the top down across all lines of business.

23Em.67A1 - Internal Target: Activity Target 1

Owner: Tom Parisi

Description: Modernize and stabilize MyFAA.gov platform. Working with AIT, complete migration from CQ5 to AEM.

Due Date: 01/30/23

23Em.67A2 - Internal Target: Activity Target 2

Owner: Tom Parisi

Description: Work with LOB and Staff office web liaisons to validate 90% of faa.gov web content is reviewed and updated annually.

Due Date: 09/30/23

23Em.67B - Internal Activity: Content Management Modernization: Modernize www.FAA.gov content management

Owner: Tom Parisi

Description: Modernize www.FAA.gov content management

23Em.67B1 - Internal Target: Activity Target 1

Owner: Tom Parisi

Description: In collaboration with AIT, identify remaining Adobe ColdFusion complex content/applications on FAA.gov to be migrated to CMS. Establish migration plan and targets for each area.

Due Date: 04/30/23

23Em.67B2 - Internal Target: Activity Target 2

Owner: Tom Parisi

Description: Implement Search.gov on FAA.gov.

Due Date: 04/30/23

23Em.67B3 - Internal Target: Activity Target 3

Owner: Tom Parisi

Description: Develop a SEO analytics program for FAA.gov with monthly reporting including a baseline of SEO performance for future goal setting.

Due Date: 09/30/23

23Em.68 - Internal Initiative: Proactively Inform the Public and Stakeholders

Owner: Kristen Alsop

Description: Conduct proactive outreach activities to provide the public with accurate and timely access to information needed to operate in the NAS safely and to obtain other aviation safety related information.

23Em.68A - Internal Activity: Social Media Coverage

Owner: Kristen Alsop

Description: Increase awareness on social media platforms about safety initiatives and how to operate safety in the National Airspace System.

23Em.68A1 - Internal Target: Activity Target 1

Owner: Kristen Alsop

Description: Respond to social media requests and/or acknowledge receipt of social media requests daily and coordinate with public affairs to ensure accurate and timely responses.

Due Date: 09/30/23

23Em.68A2 - Internal Target: Activity Target 2

Owner: Kristen Alsop

Description: Manage and develop a minimum of 15 communications strategies, plans and campaigns to deliver safety information to the public that deliver a positive return on investment. Strategies will be based on agency priorities, news judgment and public interest according to stakeholder metrics/data.

Due Date: 09/30/23

23Em.68A3 - Internal Target: Activity Target 3

Owner: Kristen Alsop

Description: Provide customer service no less than 365 times in one year, through timely and accurate responses by answering questions from the media, public, and key stakeholders.

Due Date: 09/30/23

23Em.68A4 - Internal Target: Improved Quality of Applications (AOC) for UAS Waivers and Authorizations

Owner: Kristen Alsop

Description: Through education and outreach provide drone pilots tips and information to increase public engagement by 10% from FY22 on social media and live events.

Due Date: 09/30/23

23Em.68B - Internal Activity: Increased Data Accessibility

Owner: Kristen Alsop

Description: Use modern, open technologies to communicate and help the public and FAA employees operate safely and make informed decisions.

23Em.68B1 - Internal Target: Increase User Satisfaction

Owner: Kristen Alsop

Description: Increase user satisfaction by 30% from FY22 by making more information and data available to a wider and non-traditional audience by routinely webcasting public meetings and safety summits, deploying tools that work on mobile devices, and providing data outside of the FAA's network through modern platforms such as application programming interfaces (API) and geographic information systems (GIS) and data visualizations.

Due Date: 09/30/23

23Em.70 - Internal Initiative: Aerospace Medicine Equipment Needs (AMEN) Sustainment 2

Owner: Carla Hackworth

Description: GATTOR In-Service

23Em.70A - Internal Activity: Track and monitor the various installations for GATTOR In-service.

Owner: Carla Hackworth

Description: Track and monitor the various installations for GATTOR In-service.

23Em.70A1 - Internal Target: Visual and angle detection performance research data and installed.

Owner: Carla Hackworth

Description: Visual and angle detection performance research data and installed.

Due Date: 12/31/22

23Em.70A2 - Internal Target: Re-recorded tower simulation-based performance measure scenarios and installed.

Owner: Carla Hackworth

Description: Re-recorded tower simulation-based performance measure scenarios and installed.

Due Date: 12/31/22

23Em.70A3 - Internal Target: New COVATCH performance measures integrated into the lab.

Owner: Carla Hackworth

Description: New COVATCH performance measures integrated into the lab.

Due Date: 05/30/23

23Em.72 - Internal Initiative: Centralized Dashboards

Owner: Tonya Coultas

Description: Develop centralized executive-level dashboards to track outcomes across Program Offices and streamline reporting.

23Em.72A - Internal Activity: Provide data visualization on dangerous goods safety oversight and engage across the FAA and aviation industry to increase understanding and mitigation of risks.

Owner: Atilla Akgun

Description: The Office of Hazardous Materials Safety's (AXH) data collection tools help to identify and rank safety risks and help to inform safety decisions. It is important for AXH to advance communication of safety issues being prioritized for action and for further stakeholder engagement. Data visualization can help support both presentation and understanding by curating data and information.

23Em.72A1 - Internal Target: Mature Data Visualization Capabilities

Owner: Atilla Akgun

Description: Operationalize enhanced data visualization capabilities for identifying the top dangerous goods related safety risks in each program area using the Risk Profile Assessment Tools (RPAT) in SAS and other related data sources to enable AXH decision makers to make better informed safety decisions. Progress toward this target will be measured through the following milestones:
• Provide a project plan by the end of Q1.
• By the end of Q2, provide a draft executive-level briefing document for review and input.
• By the target due date, establish a quarterly briefing that visualizes AXH top risks for executive level decision-making.

Due Date: 09/30/23

23Em.72A2 - Internal Target: Evaluate Data Quality

Owner: Atilla Akgun

Description: Conduct an evaluation of internal and external data sources to identify areas to fuse data from multiple sources and improve the quality of internal data to better enable AXH to identify and manage dangerous goods safety risks. Progress toward this target will be measured through the following milestones:
• Evaluate data sources, to include identifying the most relevant data sets, by the end of Q1.
• Provide a list of data sources by the end of Q2.
• Present data sources and initial findings during the AXH Q2 Quarterly Program Review (QPR) meeting.
• By the target due date, create an executive summary of the findings and a project plan to address the findings.

Due Date: 03/31/23

23Em.73 - Internal Initiative: Increase Awareness for Airspace Efficiency

Owner: Tom Parisi

Description: Support Executive level initiatives and orders on improving customer service and digital government by leveraging technology to make data available

23Em.73A - Internal Activity: Increase Data Awareness

Owner: Tom Parisi

Description: Support Executive level initiatives and orders on improving customer service and digital government by leveraging technology to make data available, improve web service efficiencies and increase productive collaboration with citizens, stakeholders and other government agencies while reducing duplicative efforts.

23Em.73A1 - Internal Target: Activity Target 1

Owner: Tom Parisi

Description: Develop new data visualizations to support the FAA data culture and better connect stakeholders with information they can use.

Due Date: 09/30/23

23Em.74 - Internal Initiative: Organizational Risk Management

Owner: Tonya Coultas

Description: Implement a framework and process for regularly assessing organizational risk and mitigation or maintenance strategies for each risk.

23Em.74A - Internal Activity: Improve Planning and Identify Safety Oversight Actions to Manage Hazardous Materials Safety Risks

Owner: Atilla Akgun

Description: Safety Assurance includes processes within the SMS that function systematically to ensure the acceptable safety performance and the effectiveness of safety risk controls. Safety performance is monitored and measured through the collection, analysis, and assessment of data and information identification of adverse safety trends using operational data collection and analysis and through the auditing of SMS performance, compliance, and processes.

23Em.74A1 - Internal Target: Operational Risk Management

Owner: Atilla Akgun

Description: During the second month of each quarter, provide AXH leadership with progress reports on planned, prioritized, and completed oversight surveillance activities for Part 121, 129, 135, 145 operators, and other regulated entities, utilizing the Hazardous Materials Safety Certificate Holder Assessment Tool (CHAT) and Risk Profile Assessment Tool (RPAT) in Safety Assurance System (SAS). The oversight activities will increase the active management of Part 129, 135, and 145 operators by at least 5% from FY22 levels.

Due Date: 09/30/23

23Em.74B - Internal Activity: Investigations and Professional Responsibility

Owner: Michelle Root

Description: The Office of Investigations and Professional Responsibility (AXI), collects and disseminates evidence in support of investigations, e-Discovery, UAS and FOIA requests, and guides procedural standards for the FAA's OPR program. Responsibilities include evaluating allegations, planning, conducting, documenting, and distributing investigations of FAA employees, contractors and non-employees, based on established guidelines, suspected of violating various FAA orders, policies, and procedures, ensuring the safety of the National Air Space and flying public is not affected by workforce misconduct.

23Em.74B2 - Internal Target: Establish the Investigations and Professional Responsibility (OPR) Program

Owner: Michelle Root

Description: Stand up a fully functional pilot program for OPR within selected LOB/SO's with a sound organizational structure by end of 1st Quarter FY-23.
• Create national intake branch for conducting evaluations of all allegations of misconduct and assignment of investigations;
• Create a data analysis and oversight branch.
Further develop the OPR pilot program incorporating the following: protections against Whistle-Blower retaliation, recorded interviews, and standardization of agency misconduct investigations by the end of FY-23.

Due Date: 09/30/23

23Em.74C - Internal Activity: Personnel Security Program Improvement

Owner: Gerald Moore

Description: Develop analytics/metrics to assess AXP's overall impact on reducing security risks at the FAA.

23Em.74C1 - Internal Target: Develop PerSec eLMS Course for Contracting Audience and Vendor Applicant Portal (VAP)

Owner: Gerald Moore

Description: Co-Lead with AXM the efforts to update the Vendor Applicant Portal to align with new personnel security processes and develop e-Learning Management System (eLMS) course for FAA Contracting audience and educate LOB's on their duties and responsibilities of on/off-boarding and managing the FAA contractor workforce (VAP entry, PIV card retrieval, etc.).
• Develop the VAP User Guide by February 15, 2023.
• Develop a communication plan and implementation strategy to educate LOB's on their roles and responsibilities for on-boarding and off-boarding contractors utilizing the new Vendor Applicant Portal and new eLMS training course by November 1, 2022.

Due Date: 09/30/23

23Em.74C2 - Internal Target: Same Day PIV Issuance at ASH ID Media Offices

Owner: Gerald Moore

Description: Start printing PIV cards directly at the ASH ID Media offices--enabling PIV card enrollment and issuance on the same day (one-visit PIV card issuance).
• Upon receipt of the equipment and supplies, we will implement same-day PIV issuance project pilot at MMAC.
• Upon completion of project pilot, implement same-day PIV issuance at the other 11 ASH PIV offices by September 30, 2023

Due Date: 09/30/23

23Em.75 - Internal Initiative: Stakeholder Management Plan

Owner: Tonya Coultas

Description: Develop a centralized stakeholder management plan detailing the relationships and functional dynamics between ASH and its stakeholders, insights into stakeholder needs and desired experience, and stakeholder engagement activities.

23Em.75A - Internal Activity: Stakeholder Management Approach

Owner: Bob Young

Description: Develop approaches to involve stakeholders based on their needs, expectations, interests, and potential impact.

23Em.75A1 - Internal Target: Stakeholder Identification

Owner: Bob Young

Description: Identify and catalog stakeholders directly impacted by ASH programs using a responsibility assignment matrix (RACI format) to document relevant information regarding their interests, influence, and participation.

Due Date: 06/30/23

23Em.80 - Internal Initiative: Improve FAA Public Health Capacity

Owner: Mara Jenkins

Description: Establish a public health working group across the agency, Department, and other agencies to serve as a forum to address, connect, coordinate, collaborate, respond to, and support public health activities, events, and responses.

23Em.80A - Internal Activity: Establish and Implement a Core Public Health Group

Owner: Mara Jenkins

Description: Establish and implement a core group across the agency, Department and other agencies.

23Em.80A1 - Internal Target: Identify the Roles and Responsibilities Workgroup

Owner: Mara Jenkins

Description: Identify the roles and responsibilities for the members of the public health core working group.

Due Date: 01/31/23

23Em.80A2 - Internal Target: Approve Workgroup Charter

Owner: Mara Jenkins

Description: Create and get an approval for charter for the core workgroup

Due Date: 05/31/23

23Em.80A3 - Internal Target: Create Communication Plan

Owner: Mara Jenkins

Description: Develop and implement a communication plan about the purpose and function of the core public health workgroup.

Due Date: 06/30/23

23Em.80A4 - Internal Target: Public Health Tabletop Exercise

Owner: Mara Jenkins

Description: Conduct at least one tabletop exercise.

Due Date: 09/15/23

23Em.82 - Internal Initiative: Modernization of William J. Hughes Technical Center's Operations and Infrastructure

Owner: Shelley Yak

Description: Modernization of The Technical Center's infrastructure to ensure facilities operate efficiently and effectively by initiating, continuing and completing the design and construction of Capital Investment projects. Such projects include: Remove Mold and Replace Air Conditioning Units 2 & 3 in the Technical Administrative Building 300; Building 300 Floor Replacement; Sustainment of Electrical Distribution Feeder on the West side of the campus; and Replacement of the Roofing System at the Cockpit Simulation Facility Building 201.

23Em.82A - Internal Activity: Remove Mold and Replace Air Conditioning in the Technical Administrative Building

Owner: Michael Sears

Description: Complete the Technical and Administrative Building 300 mold removal and the replacement of air conditioner units 2 and 3. This project will alleviate health and safety concerns. It will remove suspected contaminated ductwork, extend the life cycle of the HVAC system by replacing two 30-year-old air handling units, and improve energy efficiency by replacing fluorescent lights with new LED lights.

23Em.82A1 - Internal Target: Demo of 4th Floor

Owner: Andrew Abraham

Description: Complete demolition on the 4th floor of the Technical and Administrative Building 300 Mold Removal and AC-2 & 3 Replacement project.

Due Date: 03/31/23

23Em.82A2 - Internal Target: Complete Construction

Owner: Andrew Abraham

Description: Complete new construction on the 4th floor of the Technical and Administrative Building 300 Mold Removal and AC-2 & 3 Replacement project.

Due Date: 07/31/23

23Em.82B - Internal Activity: Design Electric Vehicles Charging Stations

Owner: Michael Sears

Description: Identify sites for centralized and distributed electric vehicle charging stations, and complete design and development of construction documents for electric vehicle charging stations. This activity supports compliance with Executive Order 14057 which targets the acquisition of 100% electric Light Duty Vehicles by 2027, and the acquisition of 100% Zero Emission Vehicles by 2035.

23Em.82B1 - Internal Target: Research and Identify best site(s)

Owner: Andrew Abraham

Description: Research and identify the best site or sites for electric vehicle charging stations. Locations are to be selected based upon available power and space.

Due Date: 03/31/23

23Em.82B2 - Internal Target: Complete design

Owner: Andrew Abraham

Description: Complete the design of electric vehicle charging stations via a task order on an existing A/E contract. Design submissions will be reviewed by the FAA and comments will be resolved at each iteration. Completed design will be used for a future construction project.

Due Date: 08/31/23

23Em.83 - Internal Initiative: Research and Development Management

Owner: Shelley Yak

Description: A vibrant aviation sector relies on a safe, efficient, and cost-effective aerospace system. To that end, the FAA will invest in and manage a research and development portfolio that engages aviation stakeholders across industry, academia, and federal partners to promote aviation technology innovation, enable new entrants, leverage non-federal research investments and prioritize FAA investments to address critical industry needs and drivers.

23Em.83A - Internal Activity: Establish Process for Reimbursable Lab Partnerships

Owner: Jon Schleifer

Description: Establish a pilot program to develop the processes for external partners to access federal personnel, facilities, and expertise. This effort will extend lab use availability to industry, academia and government to mature innovative technologies and to maximize laboratory use rates. .

23Em.83A1 - Internal Target: Distribute the pilot program plan

Owner: Michele Holmes

Description: Provide the pilot program plan to other federal laboratories that have an existing fee for service program to ensure a successful implementation at the William J Hughes Technical Center.

Due Date: 06/30/23

23Em.83A2 - Internal Target: Develop a Master Outreach and Partnerships Communication Plan

Owner: Jon Schleifer

Description: Draft a communication plan to highlight: laboratories and Research, Development, Test and Evaluation (RDT&E) conducted at the William J. Hughes Technical Center. This effort will enhance the Tech Center strategy map and carry the Technical Center into the next decade.

Due Date: 06/30/23

23Em.83B - Internal Activity: Conduct FAA/Airforce Field Demonstrations of Smart Airport Technologies

Owner: Jon Schleifer

Description: Participate with Department of Defense Air Force Mobility Command to demonstrate smart airport technologies. The field demonstrations will be conducted at the Atlantic City International Airport and the Joint Base McGuire, Dix, Lakehurst. Industry participants will demonstrate innovative technologies in communication, foreign object debris detection and removal, autonomous maintenance, and perimeter patrol/wildlife mitigation.

23Em.83B1 - Internal Target: Host an Airfield Autonomy Initiative (AAI) symposium

Owner: Jon Schleifer

Description: Present Airfield Autonomy Initiative Demonstration Use Case overview to attendees. Determine with AAI partners a path to Airfield Autonomous Capability Adoption. Finalize test card requirements for field demonstrations. The requirements will identify the variables that must be satisfactorily completed in order to move their technology from the demonstration area titled ""Phase 1"" to Phase 2, 3, and 4.

Due Date: 12/31/22

23Em.83B2 - Internal Target: Conduct Field Demonstrations for Use Case #1

Owner: Jon Schleifer

Description: Engage with Department of Defense (DoD) and industry teams at Atlantic City International Airport (ACY) and Joint Base McGuire-Dix-Lakehurst (JB MDL) to advance Smart Technologies at dual use facilities. The steps are too numerous to identify between the nine (9) companies and two site locations. Nine (9) companies will demonstrate their technology at JB MDL and ACY. It is intended to foster and mature their technology to continue for use at DoD bases and potentially civilian airports.

Due Date: 07/30/23

23Em.83C - Internal Activity: Accelerate Technology Transfer and use of Federal Research

Owner: Lisa Smith

Description: Share information and technologies among Federal Laboratories, private industry, and academia. Increase the sharing of resources such as personnel, facilities, expertise, and technical information. This activity will up-level the Technology Transfer Strategic Plan to encompass an Agency-wide perspective to expand government/ industry agreements and to align to Department of Transportation initiatives.

23Em.83C1 - Internal Target: Share information and technologies among Federal laboratories, private industry, and academia

Owner: Lisa Smith

Description: Deliver FAA technology transfer metrics including all FAA Cooperative Research & Development Agreements, patents, licenses, and royalties to the Department of Transportation (DOT). This input is mandated by the Federal Technology Transfer Act of 1986, 15 USC 3710(f), and related legislation. DOT requests the data from all modes in April, DOT then compiles it, and delivers it to the National Institute of Standards for inclusion in their annual Technology Transfer report to the President of the United States and Congress. The report is a critical metric to assess the success of the United States Federal Government technology transfer legislation.

Due Date: 04/30/23

23Em.83C2 - Internal Target: Expand Technology Transfer Partnerships

Owner: Lisa Smith

Description: The Technology Transfer Program will execute new Cooperative Research and Development Agreements (CRADAs) with industry and academic partners to support critical FAA research needs. CRADAs are authorized by statute under 15 USC 3714(a). The Technology Transfer Program will conduct FAA workforce training regarding CRADAs, help FAA researchers identify industry and academic partners, support CRADA development, and steward the agreements through execution. To accomplish this, the Technology Transfer Program will participate in meetings to identify potential partners at the National Aerospace Research & Technology Park and at venues such as FAA Technical Center Tuesday, Cyber Rodeo, and Air Traffic Control Association Global Conference. Our office will help identify new partnership opportunities by participating as a member of the ANG-E4 Outreach & Partnerships Outreach Tiger Team and as a committee member on the FAA Technical Center's Innovation and Technology Advisory Council. The FAA Technology Transfer Program will deliver information on emerging technologies to FAA researchers to aid them in identifying potential partnering opportunities and maintaining awareness of technological advances and innovation.

Due Date: 07/30/23

23Em.83D - Internal Activity: Manage FAA’s Research and Development Portfolio

Owner: Jon Schleifer

Description: Manage key processes and activities for the Agency's Research and Development (R&D) portfolio. In alignment with statutory research planning requirements, develop and submit various research, performance and funding plans and reports by fiscal year end to ensure FAA research enables and safely advances aviation and reduces the overlap of research areas with other DOT modal agencies. The plans and reports including the National Aviation Research Plan and the Annual Modal Research Plan highlight planned research for the upcoming fiscal year and communicates research impacts to facilitate government and private sector partnerships leading to the commercialization of aviation ideas, concepts, and products.

23Em.83D1 - Internal Target: "Draft annual RE&D budget formulation package for distribution to Congress. "

Owner: Lisa Smith

Description: Coordinate development with research stakeholders across the FAA and submit the Research, Engineering and Development (RE&D) budget formulation request to the Office of Budget Programs in June 2023 describing the forty-four RE&D budget line items and proposed investment request for the fiscal year 2025 President’s Budget. The FAA Research and Development (R&D) Executive Board - representing major R&D sponsors across the Agency – contributed to ensure proposed research priorities meet FAA strategic goals and objectives while optimizing the overall R&D portfolio.

Due Date: 06/30/23

23Em.83D2 - Internal Target: Fiscal Year 2024 Annual Modal Research Plan

Owner: Lisa Smith

Description: Draft and deliver the statutorily required annual DOT modal plan by May 1 outlining research and development program plans across the Research, Engineering and Development, Facilities and Equipment and Airport Improvement Program funding accounts for fiscal year 2024 and outlook plans for fiscal year 2025. All Department of Transportation (DOT) operating administrations, or modes, must submit this plan annually to the Assistant Secretary of Research and Technology for review and approval, as statutorily mandated. DOT uses the report as input to reduce the overlap of research areas with other modes and facilitates government partnerships by connecting modal agencies together for collaboration efforts when commonalities within research areas are identified.

Due Date: 06/30/23

23Em.83D3 - Internal Target: National Aviation Research Plan 2024-2028

Owner: Lisa Smith

Description: Draft and deliver the congressionally required annual National Aviation Research Plan (NARP) that charts the course for the Agency's five (5) year plan to ensure continued capacity and maintain the safest, most efficient airspace system in the world. The 2024-2028 report, due with the fiscal year 2024 President's Budget, describes how the FAAs investments in research and development address national aerospace priorities and provides a close-up view of a selection of the FAAs research and development priorities that collectively support and drive innovation, represent areas of congressional or public interest, support near-term regulatory actions, and have a global impact.

Due Date: 09/30/23

23Em.84 - Internal Initiative: Contract Administration, Agreements, and Grant Management

Owner: Antoine Charles

Description: Perform contract, agreements, and grant administration managed by ANG-A.

23Em.84A - Internal Activity: Forecasting; Acquisition and Grants Planning; Acquisition and Grants Support Reporting

Owner: Miranda Haywood

Description: Develop, manage and implement acquisition strategy to improve contract award process.

23Em.84A1 - Internal Target: Quarterly Procurement and Grants Forecast Reports

Owner: Jacqueline Williams

Description: Provide quarterly Procurement and Grants Forecast Reports to each ANG Directorate for situational awareness. Due Date: 10/31/2022, 01/31/2023, 04/30/2023, 07/31/2023

Due Date: 09/30/23

23Em.84B - Internal Activity: Center for Advanced Aviation System Development

Owner: Miranda Haywood

Description: Proactively administer contracts to provide improved communication and customer service.

23Em.84B1 - Internal Target: Center for Advanced Aviation System Development Work Plan

Owner: Marie Sharpe

Description: Develop Center for Advanced Aviation System Development (CAASD) FY24 Work Plan.

Due Date: 09/30/23

23Em.84C - Internal Activity: Technical Service Contracts

Owner: Miranda Haywood

Description: Proactively administer contracts to provide effective communication and customer service.

23Em.84C1 - Internal Target: Execute Memorandum of Understanding (MOU)

Owner: Victoria Frazier

Description: Execute Memorandum of Understanding (MOU) with all Lines of Business (LOBs) supported from the Systems Engineering and Development Support Budget Line item (BLI).

Due Date: 09/30/23

23Em.84D - Internal Activity: Grant Management Reporting

Owner: Miranda Haywood

Description: Grant reporting is required for FAA to demonstrate accountability for the administration of funding. The Grant Management branch will deliver the FY23 Centers of Excellence (COE) report and FY23 execution plan.

23Em.84D1 - Internal Target: FY 2022 Centers of Excellence Annual Report to Congress

Owner: Marie Sharpe

Description: Submit FY 2022 Centers of Excellence (COE) Report to Congress that depicts grant awards and financial data.

Due Date: 09/30/23

23Em.84D2 - Internal Target: FY 2023 Grant Management Execution Plan

Owner: Marie Sharpe

Description: Submit FY 2023 Grant Management Execution Plan that provides a consolidated report of planned awards and financial data.

Due Date: 09/30/23

23Em.85 - Internal Initiative: Financial Management and Organizational Planning

Owner: Antoine Charles

Description: Implement improvements to enhance NextGen financial management. Ensure all funds are executed in accordance with federal guidelines and FAA procedures; Develop and Maintain ANG Strategic and Core Business Plan.

23Em.85A - Internal Activity: ANG Business Planning

Owner: James Hogan

Description: Lead ANG leadership and planners in the coordination and development of the upcoming fiscal year's business plan to establish FY23 priorities and linkages to work units.

23Em.85A1 - Internal Target: ANG's Business Plan Framework

Owner: Alana Horne

Description: Facilitate leadership review and update of ANG's Business Plan Framework to establish upcoming fiscal year objectives and initiatives.

Due Date: 09/30/23

23Em.85A2 - Internal Target: Conduct ANG Business Plan Kickoff

Owner: Alana Horne

Description: Conduct ANG Business Plan Kickoff to deliver the upcoming fiscal year business plan development guidance, requirements and timelines to ANG planners.

Due Date: 09/30/23

23Em.85A3 - Internal Target: Conduct One-on-One Reviews

Owner: Alana Horne

Description: Coordinate individual ANG-1 meetings with directorates to review directorate-level activities supporting the priorities.

Due Date: 09/30/23

23Em.85A4 - Internal Target: Upcoming Fiscal Year ANG Business Plan

Owner: Alana Horne

Description: Gain ANG Leadership approval of upcoming fiscal year ANG Business Plan for submission to APO via SPIRE SBM.

Due Date: 09/30/23

23Em.85A5 - Internal Target: ANG Resource Program Management Reviews

Owner: Alana Horne

Description: Conduct Resource Program Management Review (RPMR) for all directorates to capture personnel and fiscal resources allocated in executing FY23 Business Plan priorities.

Due Date: 09/30/23

23Em.85B - Internal Activity: Budget Formulation, Execution and Financial Planning

Owner: James Hogan

Description: Lead development of annual budget submissions (OST, OMB and President's) and execute enacted budget in accordance with agency policy and regulations.

23Em.85B1 - Internal Target: Timely Delivery of Annual Budget Submissions

Owner: James Hogan

Description: Collaborate across ANG Directorates to ensure timely delivery of annual budget submissions in accordance with FAA timelines and provide a monthly assessment of F&E, OPS and R,E&D budget obligation rates (Due monthly).

Due Date: 09/30/23

23Em.85B2 - Internal Target: Perform Fund Certification Activities

Owner: Karen Rivera

Description: Perform fund certification activities within 3 business days of receipt of obligating documents that comply with FAA policy and regulations for 85 percent of randomly selected transactions, averaged over the fiscal year. (The statistical analysis is conducted once every quarter. DUE: 10/31/2022, 1/31/2023, 4/30/2023 and 7/31/2023).

Due Date: 09/30/23

23Em.85C - Internal Activity: NextGen Portfolio Management

Owner: Vaughn Yates

Description: Collaborate with stakeholders to continually improve NextGen planning and benefits delivery. Ensure all funds are executed in accordance with Federal guidelines and FAA procedures.

Core Coordinated: Agreed

23Em.85C1 - Internal Target: First Quarter Report Status of Project Level Agreement

Owner: Vaughn Yates

Description: Quarterly report status of Project Level Agreement (PLA) deliverable execution for all active PLAs. Ensure 100% tracking of all deliverables.

Due Date: 12/31/22

23Em.85C2 - Internal Target: Systems Engineering Portal

Owner: Vaughn Yates

Description: Complete all Systems Engineering Portal changes to 2023 NAS Segment Implementation Plan (NSIP) Information

Due Date: 01/31/23

23Em.85C3 - Internal Target: Second Quarter Report Status of Project Level Agreement

Owner: Vaughn Yates

Description: Quarterly report status of Project Level Agreement (PLA) deliverable execution for all active PLAs. Ensure 100% tracking of all deliverables.

Due Date: 03/31/23

23Em.85C4 - Internal Target: Third Quarter Report Status of Project Level Agreement

Owner: Vaughn Yates

Description: Quarterly report status of Project Level Agreement (PLA) deliverable execution for all active PLAs. Ensure 100% tracking of all deliverables.

Due Date: 06/30/23

23Em.85C5 - Internal Target: Fourth Quarter Report Status of Project Level Agreement

Owner: Vaughn Yates

Description: Quarterly report status of Project Level Agreement (PLA) deliverable execution for all active PLAs. Ensure 100% tracking of all deliverables.

Due Date: 09/30/23

23Em.87 - Internal Initiative: Increase Agency Data Literacy and Advanced Data Analytics Skills

Owner: Ann Sheehan

Description: Providing the FAA's analysts with more advanced skills through education and training is a priority in the FAA Data Strategy. The Chief Data Office (CDO) is partnering with a University to pilot a new Data Science Certificate program for FAA participants.

23Em.87A - Internal Activity: Enhance the knowledge, skills and abilities of the workforce to enable greater utilization of data and analytics.

Owner: Ann Sheehan

Description: Establish a foundational basis of critical data and analytics concepts and diversify knowledge and skills to accommodate specialists and subject matter experts that can leverage data and predictive analytics to support business outcomes.

23Em.87A1 - Internal Target: Pilot Data Science Certificate Program

Owner: Ann Sheehan

Description: Obtain representation of 70% of the lines of businesses and staff offices in the Data Science Certificate Program. Participants will master the ability to analyze and visualize data in meaningful ways using Python to help solve complex business problems as well as practice framing machine learning problems and construct a mental model to understand how data scientists approach these problems programmatically.

Due Date: 09/30/23

23Em.88 - Internal Initiative: Deployment of Microsoft Operating System (OS)

Owner: Bo Cappabianca

Description: Continue Windows 10 feature updates to the Office of Information & Technology (AIT) managed clients in order to meet security concerns and ensure computers and devices are on the latest tested and supported operating system.

23Em.88A - Internal Activity: Deployment of Microsoft OS

Owner: Bo Cappabianca

Description: Continue Windows 10 feature updates to AIT managed clients in order to meet security concerns that computers on the FAA network are secure and at the latest FAA supported operating system (OS). Once on Windows 10, the computers must also continue to be updated to the latest FAA supported Windows 10 feature update.

23Em.88A1 - Internal Target: Complete testing of all Air Traffic Organization (ATO) owned specialized software – T1

Owner: Gina Oliver

Description: ATO Technical Operation Services (AJW) to assure compatibility of ATO specialized software with Win10 21H2 update for AJW managed devices within four calendar months of receipt of image.

Core Coordinated: Agreed

Due Date: 12/31/22

23Em.88A2 - Internal Target: Complete remediation of all critical software defects identified critical by AJW for Win10 21H2 - T2

Owner: Jason Armstrong

Description: Infrastructure & Operations Service (AIF) to ensure remediation for all AJW-identified deficiencies within three calendar months upon AJW's completion of compatibility testing.

Core Coordinated: Agreed

Due Date: 03/31/23

23Em.88A3 - Internal Target: Complete deployment of all AJW managed devices to Win10 21H2 - T3

Owner: Jason Armstrong

Description: AIF to complete 99% deployment of AJW managed Win10 devices to Win10 21H2 within three calendar months of defect resolution.

Core Coordinated: Agreed

Due Date: 06/30/23

23Em.88A4 - Internal Target: Begin Testing of the Windows 11 operating system within AJW environment in conjunction with AIT - T4

Owner: Gina Oliver

Description: AIF to deploy Windows 11 test image to 20 testing devices allocated to AJW for specialized software testing to align with AIT testing (based on final availability of gold standard image).

Core Coordinated: Agreed

Due Date: 04/30/23

23Em.88A5 - Internal Target: Complete testing and finalize Windows 11 image for deployment – T5

Owner: Jason Armstrong

Description: Complete testing and achieve ECMB approval for production deployment of Windows 11 operating system image.

Core Coordinated: Agreed

Due Date: 08/31/23

23Em.89 - Internal Initiative: Update to FAA Order JO 7210.3, Chapter 19, Waivers to Air Traffic Procedures

Owner: Richard Parks

Description: There is no policy today for processing waivers to air traffic procedures. Very little information exists regarding the process a facility must follow for submitting a new waiver request. There is the need for coordination with various offices in Headquarters, and the need for the development of appropriate safety documentation (i.e., AFS Study, SRMD). Once a waiver has been approved, there is very little guidance regarding the waiver renewal process. We have in the past used the guidance that exists in FAA Order JO 7210.3, Chapter 19, Waivers, Authorizations, and Exemptions, for crafting waivers and establishing effective periods, but that section pertains to regulatory matters, not air traffic procedural matters.

23Em.89A - Internal Activity: Air Traffic Procedure Waiver Process

Owner: Natking Estevez

Description: Establish a Policy for Processing Waivers to Air Traffic Procedures. The Policy Directorate will coordinate with all impacted stakeholders to codify the processes and procedures that are in place today for approving new waivers and renewing existing waivers.

23Em.89A1 - Internal Target: Policy Guidance for Processing Waivers to Air Traffic Procedures.

Owner: Natking Estevez

Description: AJV-P will coordinate and reach consensus with all impacted stakeholders that have a functional role in processing air traffic procedures waivers.

Due Date: 11/30/22

23Em.89A2 - Internal Target: AJV-P will develop a Document Change Proposal

Owner: Natking Estevez

Description: AJV-P will develop a Document Change Proposal and coordinate for publication.

Due Date: 05/31/23

23Em.90 - Internal Initiative: Unmanned Aircraft Systems (UAS) Services

Owner: Victoria Gallagher

Description: UAS Services Low Altitude Authorization and Notification Capability (LAANC) provides an automated approval process for airspace authorizations in controlled airspace under 400ft. Through automated applications developed by an FAA Approved UAS Service Suppliers (USS), drone pilots apply for an airspace authorization.

23Em.90A - Internal Activity: Unmanned Aircraft Systems (UAS) Services

Owner: Victoria Gallagher

Description: Unmanned Aircraft Systems (UAS) Services

23Em.90A1 - Internal Target: Low Altitude Authorization and Notification Capability (LAANC)

Owner: Victoria Gallagher

Description: Complete Phase 1 of audit of Low Altitude Authorization and Notification Capability (LAANC) Unmanned Aircraft System Service Suppliers (USS) and their individual compliance with Articles 20 and 22 of the Memorandum of Agreement (MOA).

Due Date: 09/30/23

23Em.90A2 - Internal Target: Small Unmanned Aircraft. Systems (sUAS) Services Drone Information for Security, Compliance, Validation, and Reporting (DISCVR)

Owner: Victoria Gallagher

Description: Complete responsive design for Drone Information for Security, Compliance, Validation, and Reporting (DISCVR) to optimize for mobile browser use

Due Date: 03/31/23

23Em.91 - Internal Initiative: Aerospace Medicine Equipment Needs (AMEN) – Sustainment #3 – Critical Acquisition/Operational Excellence

Owner: Dotti Call

Description: Installation of Medical Monitoring Equipment

23Em.91A - Internal Activity: Complete the installation of Medical Monitoring Equipment

Owner: Dotti Call

Description: Complete the installation of Medical Monitoring Equipment

23Em.91A1 - Internal Target: This milestone will be considered complete when the MME equipment is delivered and installed.

Owner: Dotti Call

Description: This milestone will be considered complete when the MME equipment is delivered and installed.

Due Date: 03/30/23

23Em.92 - Internal Initiative: Airborne Wind Energy System (AWES)

Owner: Eric Jennings

Description: Airborne Wind Energy Systems (AWES) remain viable entrants to the NAS as described by a Department of Energy 2021 report. FAA issued policy in 2011 stating that part 77 applies to temporary AWES [testing] proposals. FAA requested information and invited comments on potential future policy applying part 77 to all AWES proposals. Additional policy, a pre-requisite to the part 77 rulemaking NPRM, is still needed.

23Em.92A - Internal Activity: Policy Statement in the Federal Register

Owner: Eric Jennings

Description: Develop a policy statement that includes an Airborne Wind Energy System (AWES) definition, ensures clear guidance for all AWES proposals, and enables part 77 rulemaking progress.

23Em.92A1 - Internal Target: Publish Airborne Wind Energy System (AWES) Policy Statement in the Federal Register

Owner: Eric Jennings

Description: Publish Airborne Wind Energy System (AWES) Policy Statement in the Federal Register

Due Date: 09/30/23

23Em.93 - Internal Initiative: Develop a Plan for Updating 7000 Series Air Traffic Orders and Publications to Adopt Inclusive Language

Owner: Richard Parks

Description: Recently, the FAA began to update gender-bias language in its Orders, Publications, and Online Media platforms in an effort to promote inclusion and diversity. For example, the term “NOTAM” was recently changed from Notices to Airmen, to Notices to Air Missions. Globally, these changes are also in the beginning stages. During the 2021 International Women’s Day, the ICAO Council stated its commitment to protecting ICAO policies and standards from gender-discriminatory language, and promoting gender-neutral language in its communications. This plan will support the FAA’s commitment to adopt inclusive language in internal and external communications, policies, procedures, orders, and regulations which will strengthen the FAA’s goal to use inclusive language in all activities to achieve an equitable and inclusive work environment, and the agency’s mission to be a global leader.

23Em.93A - Internal Activity: Develop a Plan for Updating 7000 Series Air Traffic Orders and Publications to Adopt Inclusive Language

Owner: Natking Estevez

Description: AJV-P will develop a plan for updating 7000 series air traffic orders and publications to adopt inclusive language.

23Em.93A1 - Internal Target: Identify Non-inclusive Terms in FAA Orders and Publications

Owner: Natking Estevez

Description: The AJV-P Directorate will identify non-inclusive terms (e.g., Airman/Airmen/Unmanned) that will need to be changed in the orders and publications for which AJV-P is the OPR.

Due Date: 12/31/22

23Em.93A2 - Internal Target: Coordinate the changes to orders and publications with impacted stakeholders

Owner: Natking Estevez

Description: AJV-P will coordinate the changes to orders and publications with impacted stakeholders.

Due Date: 04/30/23

23Em.93A3 - Internal Target: Initiate the document change proposal (DCP) process for the changes

Owner: Natking Estevez

Description: AJV-P will initiate the document change proposal (DCP) process for the changes.

Due Date: 09/30/23

23Em.94 - Internal Initiative: Management Staff Support

Owner: James Hersh

Description: Provide a broad range of personnel, financial management, travel, transportation and logistical services for the APL organization as well as all the Regional Offices and FAA lines of business and staff offices in support of FAA's international programs.

23Em.94A - Internal Activity: Personnel Support

Owner: Quiana Shaw

Description: Provide personnel support to the APL organization, regional offices, and FAA's operations in foreign areas.

23Em.94A1 - Internal Target: Response Time

Owner: Quiana Shaw

Description: Respond to FAA managers and employees within 1 business day and provide accurate information about human resource issues.

Due Date: 09/30/23

23Em.94A2 - Internal Target: Mandatory Training

Owner: Quiana Shaw

Description: Track and issue monthly reminders to APL and ARA employees on mandatory FAA training requirements

Due Date: 09/30/23

23Em.94A3 - Internal Target: LDR Compliance

Owner: Quiana Shaw

Description: Track and issue biweekly reminders to employees for LDR entries. Maintain at least a 98% compliance rate.

Due Date: 09/30/23

23Em.94A4 - Internal Target: ICAO Detailee Support

Owner: Quiana Shaw

Description: Provide advice and guidance to employees seconded and detailed to International Civil Aviation Organization (ICAO) in support of Global Leadership Initiative.

Due Date: 09/30/23

23Em.94A5 - Internal Target: Access to Classified Information Training

Owner: Quiana Shaw

Description: Ensure completion of required security training (Access to Classified Information), both annual and situational, by all personnel in accordance with prescribed standards for appropriate levels of access. Annual audit and provide documentation of completed training to APL-1/2 and ARA.

Due Date: 09/30/23

23Em.94A6 - Internal Target: Performance Management

Owner: Quiana Shaw

Description: Provide advice and guidance to managers and employees on performance management issues, and ensuring that 100% of employees receive a new performance plan, mid-year review and EOY final rating.

Due Date: 09/30/23

23Em.94A7 - Internal Target: APL New Employee Webinar

Owner: Quiana Shaw

Description: Develop a webinar to orient new employees with the organization, senior leadership, and introduce major APL initiatives.

Due Date: 09/30/23

23Em.94A9 - Internal Target: Internal Standard Operating Procedures (SOPs) and Checklists

Owner: Quiana Shaw

Description: Develop SOPs and Checklists for personnel activities to include: Permanent Change of Stations (PCS), Temporary Change of Stations (TCS), new hires, and details.

Due Date: 09/30/23

23Em.94A10 - Internal Target: Personnel Drive Clean-Up and Re-Organization

Owner: Quiana Shaw

Description: Perform comprehensive review and re-organization of the personnel drive establishing standard electronic filing system.

Due Date: 09/30/23

23Em.94B - Internal Activity: Finance and Training Support

Owner: Cassandra Cutter

Description: Provide financial and acquisition support to the APL organization, regional offices, and FAA's operations in foreign areas. Support the registration of international students for resident training courses at the FAA Academy.

23Em.94B1 - Internal Target: Response Time

Owner: Cassandra Cutter

Description: Respond to FAA managers and employees within 1 business day and provide accurate information about financial management issues.

Due Date: 09/30/23

23Em.94B2 - Internal Target: Budget Reviews

Owner: Cassandra Cutter

Description: Provide quarterly budget reviews to each of the APL and ARA office directors within three weeks of the close of each quarter.

Due Date: 09/30/23

23Em.94B3 - Internal Target: FIT Plans

Owner: Cassandra Cutter

Description: Develop annual spending plans and cost estimates within established Office of Budget & Programs (ABP) deadlines throughout FY 2023.

Due Date: 09/30/23

23Em.94B4 - Internal Target: Reimbursable Closeouts

Owner: Cassandra Cutter

Description: Close out international reimbursable agreements within 60 days of the activity conclusion.

Due Date: 09/30/23

23Em.94B5 - Internal Target: R&R Requests

Owner: Cassandra Cutter

Description: Coordinate 100% of new Reception and Representation (R&R) requests within 2 business days of receiving a complete request from the program office and send a draft request to OST when the request is routed for internal FAA approvals.

Due Date: 09/30/23

23Em.94B6 - Internal Target: Monthly Reconciliations

Owner: Cassandra Cutter

Description: Complete previous month reconciliations within 5 business days of the beginning of the next month and maintain a monthly green status (>95%) in REGIS for APL and ARA.

Due Date: 09/30/23

23Em.94B7 - Internal Target: DIR Tracking

Owner: Cassandra Cutter

Description: Complete special project tracking (pay and non-pay) for AVSED-STEM, Noise, and UAS activities for the prior month within 8 business days of the beginning of the next month.

Due Date: 09/30/23

23Em.94B9 - Internal Target: International Training

Owner: Cassandra Cutter

Description: Coordinate 100% of new International Training Agreements (ITAs) within 2 business days of receiving a complete request from the sponsor.

Due Date: 09/30/23

23Em.94C - Internal Activity: Travel and Transportation Support

Owner: Shelah Howze-Lumpkin

Description: Provide travel and transportation support to the APL organization, regional offices, and FAA's operations in foreign areas.

23Em.94C1 - Internal Target: Response Time

Owner: Shelah Howze-Lumpkin

Description: Respond to FAA managers and employees within 1 business day and provide accurate information about travel and transportation issues.

Due Date: 09/30/23

23Em.94C3 - Internal Target: Passport and Visa Applications

Owner: Shelah Howze-Lumpkin

Description: Forward all visa and passport applications for official travel within 1 day of receipt.

Due Date: 09/30/23

23Em.94C4 - Internal Target: Courier Actions

Owner: Shelah Howze-Lumpkin

Description: Ensure all courier actions are delivered within 1 business day to Department of State and Embassies.

Due Date: 09/30/23

23Em.94C5 - Internal Target: eCountry Clearances

Owner: Shelah Howze-Lumpkin

Description: Track and issue monthly reminders to FAA employees who have traveled internationally and have not obtained the required official passport or submitted an eCountry Clearance.

Due Date: 09/30/23

23Em.94C6 - Internal Target: PCS Portal

Owner: Shelah Howze-Lumpkin

Description: Permanent Change of Station (PCS) portal system that consolidates the end to end transfer of the employee's PCS move. Track travelers monthly to ensure the Portal is being actively utilized.

Due Date: 09/30/23

23Em.94D - Internal Activity: Logistical Support

Owner: Tom Brown

Description: Provide logistical support to the APL organization, regional offices, and FAA's operations in foreign areas.

23Em.94D1 - Internal Target: Response Time

Owner: Tom Brown

Description: Respond to APL managers and employees within 1 business day and provide accurate information about logistical issues.

Due Date: 09/30/23

23Em.94D2 - Internal Target: AITS

Owner: Tom Brown

Description: Work collaboratively with AIT Shared Services to ensure that the issuing, tracking, and disposing of accountable equipment in accordance with FAA's property management policies. Verify and maintain a 90% compliance rate that APL's accountable equipment is inventoried and input into the FAA's Automated Inventory Tracking System (AITS).

Due Date: 09/30/23

23Em.94D3 - Internal Target: Records Management

Owner: Tom Brown

Description: Work collaboratively with the designated APL Record Coordinators to ensure each office is following the federal government's records management responsibilities. Attend monthly FAA Records Management Officer meetings and report minutes to record custodians.

Due Date: 09/30/23

23Em.94D4 - Internal Target: Internal Target: Occupational Safety & Health and Emergency Action Plan

Owner: Tom Brown

Description: Participate in monthly Occupational Safety & Health (OSH) meetings and submit POC reports as necessary. Review and update the Emergency Action Plan (EAP) for APL.

Due Date: 09/30/23

23Em.94D5 - Internal Target: ENS Support

Owner: Tom Brown

Description: Support the FAA Emergency Notification System (ENS) through APL. Send at least one test message every quarter.

Due Date: 09/30/23

23Em.94D6 - Internal Target: VP Tool

Owner: Tom Brown

Description: Maintain tool to evaluate VP narrative ratings in accordance with HRPM 9.1a and 2.25c.

Due Date: 09/30/23

23Em.94D7 - Internal Target: APL Devolution/Succession Plan Update

Owner: Tom Brown

Description: Finalize updated devolution plan and submit to ASH.

Due Date: 09/30/23

23Em.94D8 - Internal Target: Mobile Device Charges

Owner: Tom Brown

Description: Quarterly review and update mobile device inventory and usage charges with the National Wireless Program Office (NWPO) for accuracy and minimize costs.

Due Date: 09/30/23

23Em.95 - Internal Initiative: Training Administration

Owner: Susan O'Hara

Description: Improve Technical Training's Administration through establishment of new tools and processes.

23Em.95A - Internal Activity: Corporate Workplan (CWP) Rollout Enhancements

Owner: Mark Folsom

Description: Implement Corporate Workplan (CWP) Rollout Enhancements (e.g. Financial Mgmt Module, Project Status Module, All Projects into CWP)

23Em.95A1 - Internal Target: Implement Corporate Workplan (CWP) Rollout Enhancements

Owner: Mark Folsom

Description: Implement CWP Rollout Enhancements e,g, financial management module, project status module, & add all of projects in AJI-2 portfolio into CWP.

Due Date: 06/30/23

23Em.95B - Internal Activity: Technical Training Curriculum Content Files
Owner: John Stillings
Description: Centralize Technical Training Curriculum Content Files

23Em.95B1 - Internal Target: Centralize Technical Training Curriculum Content Files
Owner: John Stillings
Description: Centralize Technical Training curriculum content files.
Due Date: 08/31/23

23Em.95C - Internal Activity: FAA JO 3120.4 Air Traffic Technical Training
Owner: Shawn Pope
Description: Update FAA JO 3120.4 Air Traffic Technical Training

23Em.95C1 - Internal Target: Update FAA JO 3120.4 Air Traffic Technical Training
Owner: Shawn Pope
Description: Publish Change 1 to JO 3120.4 Air Traffic Technical Training

Due Date: 03/31/23

23Em.95D - Internal Activity: Tower Simulation System (TSS) Annual Reporting
Owner: Joy Aspiazu
Description: Modernize Tower Simulation System (TSS) Annual Reporting

23Em.95D1 - Internal Target: Modernize Tower Simulation System (TSS) Annual Reporting
Owner: Joy Aspiazu
Description: Modernize the process for gathering data for the annual report from the facilities using TSS.
Due Date: 09/30/23

23Em.95E - Internal Activity: Predictive Learning Analysis Network (PLAN) Data Architecture Topology
Owner: Viviana Gonzalez
Description: Produce a Predictive Learning Analysis Network (PLAN) Data Architecture Topology

23Em.95E1 - Internal Target: Predictive Learning Analysis Network (PLAN) Data Architecture Topology
Owner: Viviana Gonzalez
Description: Produce a Predictive Learning Analysis Network (PLAN) Data Architecture Topology.
Due Date: 06/30/23

23Em.95F - Internal Activity: Deploy TEAM and Train Remaining Facilities
Owner: Scott Brown
Description: Deploy TEAM and Train Remaining 274 Facilities

23Em.95F1 - Internal Target: Deploy TEAM and Train remaining facilities

Owner: Scott Brown

Description: Deploy TEAM and train remaining 274 facilities

Due Date: 06/30/23

23Em.95G - Internal Activity: Business Functions for Using Shared Services

Owner: Amber Pittser

Description: Assess Business Functions for Using Shared Services

23Em.95G1 - Internal Target: Assess Business Functions for Using Shared Services

Owner: Amber Pittser

Description: Develop list of potential no cost services available in the Agency (e.g., Huddle, help desk, SharePoint).

Due Date: 06/30/23

23Em.96 - Internal Initiative: AJI Organization Development

Owner: Katie Cook

Description: Utilize communications plans to effectively disseminate information to AJI personnel and external stakeholders.

23Em.96A - Internal Activity: Enhance AJI Communication with Internal and External Stakeholders

Owner: Christy Jaworsky

Description: Develop and execute four communications campaigns to effectively disseminate information to AJI personnel and stakeholders at headquarters and in the field.

23Em.96A1 - Internal Target: Develop AJI Communications Vehicles

Owner: Christy Jaworsky

Description: Partner with AOC to develop and execute four tailored AJI communication campaigns and vehicles based on the intended audience to target AJI personnel and stakeholders at HQ and in the field.

Due Date: 08/31/23

23Em.96A2 - Internal Target: Student Travel Program

Owner: Timothy Evans

Description: In collaboration with agency stakeholders, commence managing ATO Student Travel budget and expense as a “program” by consolidating student travel funding and expenses in a single data source to formalize student travel funding forecast, presentation, and execution with specified outcomes to include: a.) a documented forecast funding model, b.) identification of gaps in agency-wide systems processes, c.) proposed changes for agency wide submission of student travel expenses, and d.) standardized regular reporting for senior leadership. Project plan completion by January 15, 2023, single data source beta completion by March 31, 2023, and recommended process improvements by June 15, 2023 in preparation for FY24 rollout.

Due Date: 06/15/23

23Em.96A3 - Internal Target: Acquisition Evaluation

Owner: Timothy Evans

Description: Evaluate the FY22 implementation of the Automated Acquisition Support KSN (AASK) tool, identify recommendations for improvements, changes, etc. by November 30, 2022, develop project plan by January 30, 2023, and implement changes by May 31, 2023.

Due Date: 05/31/23

23Em.98 - Internal Initiative: AJW-B NAS Security and Enterprise Operations

Owner: Brian Peters

Description: Maintain the current mission, vision, and core values of NAS Security and Enterprise Operations (NASEO). Provide operational management of systems providing data in the areas of flight planning, weather data, traffic flow, aeronautical information, and satellite navigation, for US and international stakeholders.

23Em.98A - Internal Activity: AJW-B0 NAS Security and Enterprise Operations

Owner: Brian Peters

Description: Institute a robust outreach initiative supporting the ATO Cybersecurity Group (ACG) as the comprehensive cyber organization for the ATO.

23Em.98A1 - Internal Target: Cyber Security Conference

Owner: Brian Peters

Description: Execute the annual ATO Cybersecurity Day Conference during the first quarter FY22 to promote awareness of cybersecurity as well as awareness of ATO, FAA, and Federal cybersecurity policy, organizational structure, and cybersecurity collaboration activities and initiatives.

Due Date: 09/30/23

23Em.98B - Internal Activity: AJW-B110/B130/B160/B170 Enterprise Operations Group

Owner: Jorge Boubion

Description: Demonstrate operations resiliency of Enterprise Operations Services

23Em.98B1 - Internal Target: Enterprise Operations Group

Owner: Jorge Boubion

Description: Conduct Operations and Maintenance from single location for a minimum of 24 to 48 hours (NTE 48 hours)

Due Date: 09/30/23

23Em.98B2 - Internal Target: AJW-B11 NEMC Team

Owner: Brian Miller

Description: Complete the draft version of the E-IDS Helpdesk Standard Operating Procedure (SOP) Document including documentation of E-IDS helpdesk escalation and coordination processes between the various NASEO teams.

Due Date: 09/29/23

23Em.98B3 - Internal Target: AJW-B130 Enterprise Data Services Team (Disaster Recovery Processes and Procedures)

Owner: Paul Lavelle

Description: Complete the draft version of the DR plan for failover of NCO operations to the EDS incorporating NAS Cyber Ops Team AJW-B340 into the planning and execution phases. (The plan will describe the processes and procedures as well as roles and responsibilities of this transfer. Establishing a standard operating procedure to outline actions required to complete the failover. The collaborative effort increases diversity within the NAS of anomaly monitoring from diverse locations.)

Due Date: 09/29/23

23Em.98C - Internal Activity: AJW-B310/311/312/313/314/340 National Operations Group

Owner: Ed Tirado

Description: Provide national oversight and operational management of Technical Operations services, systems, and infrastructure. Provide situational awareness and focus on minimizing operational impact to the NAS. Participate in the national field incident response program, including the Joint Air Traffic Operations Command Crisis Action Team (JCAT). Assist in coordinating the distribution of resources to mitigate NAS service impacts. Provide coordination to assist with resolution of operational events in accordance with national priorities. Serve as advocate for Technical Operations and liaison to senior leadership to form a systemic picture of the NAS and improve coordination amongst the Joint Air Traffic Operations Command.

23Em.98C1 - Internal Target: Communications

Owner: Ed Tirado

Description: Update/refine the One Message Concept that provides real-time upward reporting to Executive leadership.

Due Date: 09/30/23

23Em.98C2 - Internal Target: Cyber Operations Process Improvements

Owner: John Duncan

Description: Review/update the NCO Cyber Incident Response Team (NCIRT) process SOP to incorporate additional stakeholders/participants (NOCC/STOWO/JATOC) and annotate the inclusion of leveraging JCAT's upward reporting structure for concise, single-source, cyber incident information sharing.

Due Date: 09/29/23

23Em.98F - Internal Activity: NAS Information Security Group, AJW-B400 (Vulnerability Processes)

Owner: Luci Holemans

Description: Protect and defend FAA information, information systems and networks to mitigate risks to the FAA mission and services. Mitigate evolving cyber threats and Information Systems Security (ISS) vulnerabilities that have the potential to impact Air Traffic Operations. This is done by providing Risk Management System Authorization, Governance, Architectural Development, Monitoring, Detection, and Response through NAS Cyber Operations.

23Em.98F1 - Internal Target: Authority to Operate

Owner: Luci Holemans

Description: Achieve Authority to Operate (ATO) for 90 systems

Due Date: 09/30/23

23Em.98F2 - Internal Target: FISMA Testing

Owner: Tayo Olagunju

Description: Conduct security testing on 120 FISMA Reportable and new Systems that are testable.

Due Date: 09/30/23

23Em.98F3 - Internal Target: Penetration Testing

Owner: Tayo Olagunju

Description: Conduct penetration testing (partial or full system) on 25 FIPS 199 high systems to meet requirements of NIST 800-53 Security Controls CA-2 with CA-8 systems.

Due Date: 09/30/23

23Em.98F4 - Internal Target: Vendor Security Enclave (VSE) M31.05-01

Owner: Nathan Stephan

Description: Vendor Security Enclave (VSE): Complete the authorization process and start on-boarding systems to the ACY instance of VSE.

Due Date: 09/30/23

23Em.98F5 - Internal Target: Remote Management Access Gateway (RMAG)

Owner: Nathan Stephan

Description: Stand up an instance of RMAG at Mike Mulroney Aeronautical Center (OEX) which operates in parallel with ACY

Due Date: 09/30/23

23Em.98F6 - Internal Target: Zero Trust Pilot

Owner: Hector Morales

Description: Implementation of a Zero Trust prototype environment.

Due Date: 09/30/23

23Em.98F7 - Internal Target: FAA International Forum

Owner: Michael Radford

Description: Establish a FAA forum for coordination between the Threat and Risk Work Group and Governance and Materials Work group, under the ICAO Cybersecurity Panel (CYSECP) along with the TRON workgroup under the Aviation Trust Framework Panel.

Due Date: 09/30/23

23Em.98F8 - Internal Target: Enhancement of FAA SUI Protection

Owner: Michael Radford

Description: Develop a draft set of minimum confidentiality cybersecurity requirements to enhance the protection of FAA SUI when shared with external non-federal entities, encompassing guidance provided by NIST SP 800-171, FAA Order 1370.121B, and ATO tailored cybersecurity controls.

Due Date: 09/30/23

23Em.98F9 - Internal Target: FAA Incident Response Process Exercise (IRP23)

Owner: Michael Radford

Description: Lead ATO’s cross-organizational participation by developing the NAS system specific scenario for the FAA’s Incident Response Process Exercise (IRP23).

Due Date: 09/30/23

23Em.100 - Internal Initiative: Very High Frequency Omni-Directional Range (VOR) - Tactical Air Navigation (TACAN) (VORTAC) - Landing and Lighting Portfolio

Owner: Malcolm Andrews

Description: The VOR collocated with Tactical Air Navigation (VORTAC) Program relocates, refreshes technology at VOR and VORTAC facilities, and improves VOR operational performance by procuring and installing Doppler electronic kits and Doppler antenna hardware kits to upgrade the conventional systems. Numerous VORs have radial restrictions because of encroachment by obstacles that block the transmission of VOR signals. Doppler upgrades for a VOR eliminates the signal reflection restrictions caused by newly constructed tall buildings, nearby industrial parks with a high concentration of metallic buildings, overhead transmission lines, radio, television and cellphone towers, and, more recently, wind farm stations. The VOR and VORTAC (a combination of VOR and Tactical Air Navigation (TACAN) system) provide navigational guidance for civilian and military aircraft in both the en-route and terminal areas.

23Em.100A - Internal Activity: Ground Based NavAids –Very High Frequency Omni-Directional Range (VOR) - Tactical Air Navigation (TACAN) (VORTAC)

Owner: Deborah Lawrence

Description: In FY23 the VORTAC Program will enhance VOR signal performance by converting TACANS to DMEs. There are numerous VORs that have signal restrictions due to encroachment of obstacles that block the transmission of VOR signals. These restrictions are having a serious impact on en-route, arrival, and departure procedures. Natural encroachment also comes from trees located outside the boundaries of the FAA controlled area where the VOR is located which have grown tall enough to cause electromagnetic interference. Many manmade obstacles can cause the same interference. Examples include: newly constructed tall buildings; nearby industrial parks with a high concentration of metal buildings; overhead transmission lines; towers for radio, television, and cell service; and more recently, wind farms. Dopplerizing a VOR eliminates the signal reflection restrictions caused by most of these obstacles.

23Em.100A1 - Internal Target: Very High Frequency Omni-Directional Range (VOR) - Tactical Air Navigation (TACAN) (VORTAC) - Landing and Lighting Portfolio

Owner: Jim Hanrahan

Description: Convert five (5) Tactical Air Navigation (TACAN) systems to Distance Measuring Equipment (DME). (CAM Goal)

Due Date: 09/30/23

23Em.104 - Internal Initiative: Civil Aviation Manufacturing Supply Chain Resiliency Report

Owner: Thomas Cuddy

Description: Executive Order 14017 required a report on supply chain resiliency for the Transportation Industrial Base. DOT split the report into two sections (Civil Aviation Manufacturing and Freight/Logistics). DOT is the lead on this report and has requested FAA to co-lead. The Office of Policy and Plans (APO) has agreed to be the point of contact for this effort.

23Em.104A - Internal Activity: Civil Aviation Manufacturing Supply Chain Resiliency Report

Owner: Phillip Mahaney

Description: Executive Order 14017 required a report on supply chain resiliency for the Transportation Industrial Base. The report is broken down into two sections: Civil Aviation Manufacturing and Freight and Logistics. The Executive Order requires the report be finished and with the White House by February 22, 2022.

23Em.104A1 - Internal Target: Civil Aviation Manufacturing Supply Chain Resiliency Report

Owner: Phillip Mahaney

Description: Submit draft Civil Aviation Manufacturing Supply Chain Resiliency Report to OST.

Due Date: 09/30/23

23Em.105 - Internal Initiative: Bi-Annual Litigation Update to Managers

Owner: Taneesha Marshall

Description: Provide AGC managers a litigation update relating to all Federal court litigation pending and being handled by AGC attorneys.

23Em.105A - Internal Activity: Provide litigation update to managers

Owner: Taneesha Marshall

Description: Provide litigation update to managers

23Em.105A1 - Internal Target: Provide litigation update to managers

Owner: Taneesha Marshall

Description: By April 1, 2022, provide litigation update to managers

Due Date: 09/30/23

23Em.105A2 - Internal Target: Provide litigation update to managers

Owner: Taneesha Marshall

Description: By September 30, 2022, provide litigation update to managers

Due Date: 09/30/23

23Em.108 - Internal Initiative: Make AST's Regulatory and Business Operations More Efficient

Owner: Daniel Murray

Description: As the number of commercial space operators and the pace of operations increases, AST must sustain its current level of responsiveness to commercial space operators and ensure regulatory compliance. Improving the efficiency of AST’s regulatory and business operations will enable AST to obtain more value from its resources. AST will invest in technology to implement automation, simplify processes, improve communication, and better manage data and resources. AST will also continue to examine its regulations and guidance to identify rules for clarifications and modification.

AST will realize a measurable improvement in the efficiency of processing license applications by establishing (measurable & trackable) business processes that enforce adherence to regulations and enable improved efficiency of the evaluation of licenses and experimental permits. This improvement will allow AST to better serve the American people and the Commercial Space Industry.

23Em.108A - Internal Activity: Evaluate and Improve the Licensing Process

Owner: Michelle Murray

Description: Evaluate the licensing process and eliminate or simplify inefficient tasks.

23Em.108A1 - Internal Target: Timely Licensing Determinations for Commercial Space

Owner: Michelle Murray

Description: Complete thorough well-documented licensing determinations for launch and reentry vehicle and site operations within statutory deadlines for all new authorization applications received.

Due Date: 09/30/23

23Em.108A2 - Internal Target: Analyze Commercial Space Transportation License Application Processes

Owner: Michelle Murray

Description: Analyze Commercial Space Transportation license evaluation processes to identify opportunities for efficiency improvement.

Due Date: 09/30/23

23Em.108B - Internal Activity: Enhance AST's Applications and Tools

Owner: Brian Rushforth

Description: Coordinate the development and utilization of IT tools to improve efficiency of the licensing process.

23Em.108B1 - Internal Target: Application Portal (LEAP)

Owner: Brian Rushforth

Description: Implement the LEAP plan as approved by the Operations Governance Board to the maximum extent allowed by the budget.

Due Date: 09/30/23

23Em.108C - Internal Activity: NARA Compliant Records Management Program

Owner: Dawn Toaso

Description: Create a NARA compliant records management program.

23Em.108C1 - Internal Target: NARA Compliant Records Management Program

Owner: Christina Vernon

Description: Implement NARA complaint records management program by Quarter 3 FY23.

Due Date: 03/31/23

23Em.110 - Internal Initiative: Flight Program Operations

Owner: Floyd Badsky

Description: Perform airborne inspection of civil and military NAVAIDS; perform flight validation/certification of Instrument Flight Procedures (IFPs); and provide services to NextGen programs and other FAA and non-FAA project sponsors that require flight inspection support.

23Em.110A - Internal Activity: Flight Program Operations (NAS maintenance/sustainment)

Owner: Floyd Badsky

Description: Conduct periodic and special maintenance inspections of civil and military NAVAIDS as required by FAA Order 8200.1, U.S. Standard Flight Inspection Manual. Conduct flight validation/certification of original and amended Instrument Flight Procedures (IFPs).

23Em.110A1 - Internal Target: Flight Program Operations (NAS maintenance/sustainment)

Owner: James Meek

Description: Complete 93% of unscheduled restoral inspections at focus airports once scheduled and agreed upon with Air Traffic Services (AJT), Technical Operations AJW), and the applicable airport authority.

Due Date: 09/30/23

23Em.110A2 - Internal Target: Flight Program Operations (NAS maintenance/sustainment)

Owner: James Meek

Description: Complete 97% of all periodic flight inspections at focus airports before the expiration date of the periodic interval.

Due Date: 09/30/23

23Em.111 - Internal Initiative: Customer Experience and Mission Completion

Owner: Floyd Badsky

Description: Identify and leverage internal best practices from government and industry for customer experience and mission completion.

23Em.111A - Internal Activity: Customer Experience and Mission Completion

Owner: Floyd Badsky

Description: Identify and leverage internal best practices from government and industry for customer experience and mission completion.

23Em.111A1 - Internal Target: Customer Experience and Mission Completion

Owner: James Meek

Description: Follow-up and respond (where response is appropriate) to 95% of Aviation Safety Training Customer Experience Questionnaires.

Due Date: 09/30/23

23Em.112 - Internal Initiative: Visual Navigational Aids (NavAids) for New Qualifiers - Landing and Lighting Portfolio, CIP# N04.01-00

Owner: Malcolm Andrews

Description: Visual NavAid systems facilitate the transition from cockpit instruments to external visual references during the final landing phase. Different categories and types of approaches require different visual NavAids equipment. This program supports the procurement, installation, and commissioning of PAPI systems and Runway End Identifier Lights (REIL) systems.

The PAPI provides visual approach glide slope information to pilots and enables them to make a stabilized descent with a safe margin of approach clearance over obstructions. PAPI projects a pattern of red and white lights along the desired glide slope so a pilot can tell whether they are on the glide slope and how to correct their glide slope if they are above or below it.

A REIL is a visual aid that provides the pilot with a rapid and positive identification of the runway end in use during approach. The REIL system consists of two simultaneously flashing white lights, one on each side of the runway landing threshold.

23Em.112A - Internal Activity: Visual Navigational Aids (NavAids) - New Qualifiers - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: In FY23 the VNNQ program will provide engineering and technical services support in order to procure and Install Precision Approach Path Indicator (PAPI) Systems for newly established locations.

23Em.112A1 - Internal Target: Visual Navigational Aids (NavAids) - New Qualifiers - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Procure four (4) Precision Approach Path Indicators (PAPI) systems for newly established locations.

Due Date: 08/31/23

23Em.112A2 - Internal Target: Visual Navigational Aids (NavAids) - New Qualifiers - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Complete installation for two (2) Precision Approach Path Indicators (PAPI) systems for newly established locations (CAM Goal).

Due Date: 09/30/23

23Em.113 - Internal Initiative: Runway Safety Area - Navigation Mitigation

Owner: Malcolm Andrews

Description: The Runway Safety Area (RSA) Sustainment 2 program will correct FAA-owned facilities and equipment (F&E) that are not in compliance with RSA Standards defined in the Advisory Circular 150/5300-13A and not part of the RSA Phase I effort. Compliance with the RSA standards provide a measure of safety in the event of an aircraft's excursion from the runway by significantly reducing the extent of personal injury or aircraft damage during overruns, undershoots and veer-offs. Thus, the primary benefit of the RSA Phase II program is the prevention of loss of life from aircraft striking non-compliant NAVAIDs located in designated RSAs.

Under the previous RSA Phase I effort, between FY 2010 and December 2018, the FAA successfully executed 1,401 projects to correct violations at 611 RSAs. Although significant progress has been made to mitigate all known RSA violations, additional RSA violations have been found during routine Air Traffic Organization and ARP inspections. RSA Phase II will ensure that previously undiscovered violations are corrected in a timely manner.

23Em.113A - Internal Activity: Runway Safety Area (RSA) Navigation Mitigation Phase II

Owner: Deborah Lawrence

Description: In FY23 the RSA program will upgrade Runway Safety Areas to meet standards.

23Em.113A1 - Internal Target: Runway Safety Area (RSA) 2

Owner: Don Wilkerson

Description: Initiate one (1) Runway Safety Area (RSA) project

Due Date: 08/31/23

23Em.113A2 - Internal Target: Runway Safety Area (RSA) 2

Owner: Don Wilkerson

Description: Complete three (3) Runway Safety Area (RSA) violations in FY23. (CAM Goal)

Due Date: 09/30/23

23Em.114 - Internal Initiative: Initiative: Controller Training Solutions (CTS) Program

Owner: Jane Christoff

Description: Manage the Controller Training Solutions (CTS) Program to provide agency-required Air Traffic Control (ATC) training support

23Em.114A - Internal Activity: -- Activity: Controller Training Solutions (CTS) Program Management

Owner: Jane Christoff

Description: Manage the execution of the Controller Training Solutions (CTS) Program

23Em.114A1 - Internal Target: Controller Training Solutions (CTS) Task Order Management

Owner: Jane Christoff

Description: Provide program management oversight for Controller Training Solutions (CTS) Task Order efforts identified by CTS stakeholders.

Due Date: 09/30/23

23Em.114A2 - Internal Target: Controller Training Solutions (CTS) Budget

Owner: Jane Christoff

Description: Manage Controller Training Solutions (CTS) FY23 budget to support delivery of agency-required Air Traffic Control (ATC) training support.

Due Date: 09/30/23

23Em.114A3 - Internal Target: Controller Training Solutions (CTS) Innovations

Owner: Jane Christoff

Description: Provide program management oversight for innovation opportunities identified by Controller Training Solutions (CTS) stakeholders.

Due Date: 09/30/23

23Em.114A4 - Internal Target: Controller Training Solutions (CTS) Management System (CMS)

Owner: Jane Christoff

Description: Manage the operations and maintenance of the Controller Training Solutions Management System (CMS) to support the execution and management of the Controller Training Solutions (CTS) Contract.

Due Date: 09/30/23

23Em.115 - Internal Initiative: Visual NavAids - Replace Visual Approach Slope Indicator (VASI) with Precision Approach Path Indicators (PAPI) - Landing and Lighting Portfolio

Owner: Malcolm Andrews

Description: The International Civil Aviation Organization (ICAO) has recommended that all International airports replace the Visual Approach Slope Indicator (VASI) lights with Precision Approach Path Indicators (PAPI) lights. This standardizes the equipment used to allow pilots to determine visually that they are on the proper glideslope for landing. The program supports the procurement, installation, and commissioning of PAPI systems in order to comply with this ICAO recommendation. At the inception of this program, there were approximately 1,387 older (pre-1970's) VASIs at international and other validated locations requiring replacement. The first phase of the program addresses replacement of VASI systems at approximately 329 ICAO runway ends. The remaining VASI systems in the NAS will be replaced during the second phase of the program.

23Em.115A - Internal Activity: Visual NavAids - Replace Visual Approach Slope Indicator (VASI) with Precision Approach Path Indicators (PAPI) - Landing and Lighting Portfolio

Owner: Deborah Lawrence

Description: In FY23 VASI systems will be replaced with PAPI systems. The replacements will improve on-time performance by improving availability of the visual approach slope guidance systems used to help pilots touch down at the appropriate location on the runway.

23Em.115A1 - Internal Target: Visual NavAids - Replace Visual Approach Slope Indicator (VASI) with Precision Approach Path Indicators (PAPI) - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Procure four (4) Precision Approach Path Indicators (PAPI) systems to replace Visual Approach Slope Indicators (VASI)'s.

Due Date: 08/31/23

23Em.115A2 - Internal Target: Visual NavAids - Replace Visual Approach Slope Indicator (VASI) with Precision Approach Path Indicators (PAPI) - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Complete installation for eleven (11) Precision Approach Path Indicator (PAPI) systems to replace Visual Approach Slope Indicator (VASI) systems. (CAM Goal)

Due Date: 09/30/23

23Em.116 - Internal Initiative: N12.01-11: Augmentations for GPS Wide Area Augmentation System (WAAS)

Owner: Malcolm Andrews

Description: Wide Area Augmentation System (WAAS) is a combination of ground based and space-based system that augments the GPS Standard Positioning Service. WAAS utilizes GPS signals to refine position and provide improved accuracy. WAAS consists of a network of 38 precisely located ground reference stations distributed across the United States, Canada and Mexico that monitor the Global Positioning System (GPS) satellite signals. Three master stations collect reference station data and calculate corrections and integrity messages for each GPS satellite. The WAAS messages are broadcast to user receivers via leased navigation transponders on three commercial geostationary (GEO) satellites. The receiver on the aircraft applies corrections and uses integrity information from the WAAS message, to ensure the validity and obtains a precise navigation position.

23Em.116A - Internal Activity: Augmentations for GPS Wide Area Augmentation System (WAAS) Phase 4B

Owner: Deborah Lawrence

Description: During Phase 4B, the WAAS Program Office will continue to support GPS civil technical oversight efforts. The GPS technical oversight ensures changes the Department of Defense (DoD) makes to the GPS constellation does not impact the FAAs WAAS and GPS based aviation users.

23Em.116A1 - Internal Target: Augmentations for GPS Wide Area Augmentation System (WAAS) Phase 4B

Owner: Greg Thompson

Description: Award the contract for G-III receivers, to be installed at Ground Uplink Stations by the prime contract award. (CAM Goal)

Due Date: 03/31/23

23Em.116B - Internal Activity: Augmentations for GPS Wide Area Augmentation System (WAAS) Phase 4B

Owner: Deborah Lawrence

Description: The program will ensure Localizer Performance with Vertical Guidance/Localizer Performance (LPV/LP) approach procedures are available at each of the 5,218 runways in the NAS that meet the criteria.

23Em.116B1 - Internal Target: Augmentations for GPS Wide Area Augmentation System (WAAS) Phase 4B

Owner: Greg Thompson

Description: Fund AJV, AJW, and Operations Support Group (OSG) Flight Procedures Team (FPT)s to design, develop, chart, flight inspect, and publish twenty-five (25) Wide Area Augmentation System (WAAS) Localizer Performance with Vertical Guidance/Localizer Performance (LPV/LP) procedures

Due Date: 09/30/23

23Em.116B2 - Internal Target: AJV-A: WAAS Localizer Performance with Vertical Guidance/Localizer Performance (LPV/LP) Description: Support Activities to develop and publish 25 WAAS Localizer Performance with Vertical Guidance/Localizer Performance (LPV/LP) approach procedures

Owner: Bev Bordy

Description: Design, development, charting, and publication of procedures.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.116B4 - Internal Target: AJF-1: Support Activities to publish the WAAS Localizer Performance with Vertical Guidance/Localizer Performance (LPV/LP) approach procedures.

Owner: James Meek

Description: Procedure flight inspection.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.117 - Internal Initiative: Final Construction of Wind and Wave Facility (WiWAVES)

Owner: Racquel Crisp

Description: WiWAVES New Facility Exterior Structure Completed.

23Em.117A - Internal Activity: WIWAVES Site Completion

Owner: Racquel Crisp

Description: WiWAVES New Facility Exterior Structure Completed.

23Em.117A2 - Internal Target: WIWAVES SITE COMPLETION

Owner: Racquel Crisp

Description: Foundation, Concrete Walls, precast structure and exterior panels, steel erection, concrete floor slab, roofing, curtain wall system, exterior building finishes, framing, doors, glazing complete.

Due Date: 02/28/23

23Em.118 - Internal Initiative: Voice Communications Systems (VCS)

Owner: Malcolm Andrews

Description: The Voice Communications Systems (VCS) program will support the FAA's mission to provide reliable voice communication equipment to air traffic controllers in order to manage and direct air traffic operations.

23Em.118A - Internal Activity: Voice Communications Systems (VCS) – Phase 1

Owner: David Gray

Description: Voice Communications Systems (VCS) – Phase 1 will address the need to replace the aging and increasingly unsupportable Radio Control Equipment (RCE) while allowing IP-enabled VCS systems to interface with legacy voice communications switches and radios.

23Em.118A1 - Internal Target: VoICE Communications Systems (VCS) - Air to Ground Protocol Converters (APC)

Owner: Clarissa Riffe

Description: Submission of draft Stage 1 Evaluation Report to Source Evaluation Team (SET) Chairpersons for review and approval.

Due Date: 03/31/23

23Em.119 - Internal Initiative: Internal Initiative: Flight Program Fleet Modernization

Owner: Suzanne Koppanen

Description: The Flight Program Fleet Modernization (FPFM) will provide the FAA with a streamlined, modernized fleet of aircraft to support all of the dynamic mission needs. This program will be completed in 2 phases, Phase 1 will streamline the jet aircraft and Phase 2 will streamline the turboprop aircraft.

23Em.119A - Internal Activity: Internal Activity: FPFM Phase 1

Owner: Victoria Gallagher

Description: FPFM Phase 1 will streamline and modernize the FAA jet aircraft down to one make and model type from 6 and consolidate the jet aircraft owned by the FAA from 13 to 6. The FAA will purchase 4 used aircraft from the open market to supplement already owned aircraft. Each aircraft will be multi-use and will be able to support all mission types, Flight Inspection, RDT&E, critical event response and transportation missions.

23Em.119A1 - Internal Target: Flight Program Fleet Modernization, Phase 1

Owner: Victoria Gallagher

Description: Aircraft 4 Procured - Procure final used Challenger 605 or 650. (EP Goal)

Due Date: 09/30/23

23Em.119A2 - Internal Target: Flight Program Fleet Modernization, Phase 1

Owner: Victoria Gallagher

Description: Modifications to Aircraft 1 completed

Due Date: 09/30/23

23Em.120 - Internal Initiative: Runway Visual Range (RVR) - Landing and Lighting Portfolio

Owner: Deborah Lawrence

Description: The Runway Visual Range (RVR) Replacement/Establishment program allows airports to conduct takeoff and landing operations during conditions of low visibility. Replaces older RVR equipment with Personal Computer (PC) Based RVR equipment as well as equipment for sites that have qualified for an upgrade from a Category I to a Category II/III precision approach. RVR provides air traffic controllers with a measurement of the visibility at key points along a runway that is used to decide whether it is safe to take off or land during limited visibility conditions. During reduced visibility weather conditions, RVR system measurements are used by Air Traffic to establish airport operating categories; thus, properly equipped aircraft with a trained crew may continue operations under reduced visibility Category I, Category II and Category III conditions. RVR decreases diversions and delays at an airport by providing an accurate measure of the runway visibility. The RVR information affects airline scheduling decisions and air traffic management decisions regarding whether flight plans should be approved for an aircraft to fly to or take off from an airport with low visibility.

23Em.120A - Internal Activity: Runway Visual Range (RVR) - Landing and Lighting Portfolio

Owner: Deborah Lawrence

Description: In FY23 the RVR program will procure and install the new-generation RVR and PC-based RVR\ systems. Replacement decisions are prioritized based on the level of Internal Activity at the airport, equipment age and life-cycle issues, such as: Reliability, Availability and Maintainability. This project also provides the equipment for sites that have recently qualified for an upgrade from a Category I to a Category II/III precision approach. The replacement or upgraded equipment will require less maintenance and repair time, which reduces system downtime, and supports the performance measure to maintain operational availability of the NAS.

23Em.120A1 - Internal Target: Runway Visual Range (RVR) - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Procure Runway Visual Range (RVR) equipment to support twenty (20) site installations.

Due Date: 08/31/23

23Em.120A2 - Internal Target: Runway Visual Range (RVR) - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Complete installation of twenty (20) Runway Visual Range (RVR) systems. (CAM Goal)

Due Date: 09/30/23

23Em.121 - Internal Initiative: Visual Navigational Aids - NavAids - Sustainment - Landing and Lighting Portfolio

Owner: Malcolm Andrews

Description: The NavAids Sustainment Program renovates or replaces airport approach lighting systems at sites where there is a high risk for failure and where that failure would result in loss of the primary precision approach. NavAids include: MALSR for Category I approaches, ALSF-2 for Category II/III approaches, Runway End Identifier Lights (REIL), Lead-In Lights (LDIN), and Precision Approach Path Indicator (PAPI).

23Em.121A - Internal Activity: Visual Navigational Aids - NavAids - Sustainment - Landing and Lighting Portfolio

Owner: Deborah Lawrence

Description: In FY23 this program will renovate or replace airport approach lighting systems at sites where there is a high risk for failure of these systems and where failure would result in denying use of the primary precision approach. NAVAIDS include: * Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights (MALSR) for Category I approaches, * High Intensity Approach Lighting System with Sequenced Flashing Lights (ALSF-2) at Category II/III approaches, and * Runway End Identifier Lights (REIL).

23Em.121A1 - Internal Target: Visual Navigational Aids - NavAids - Sustainment - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Procure Semi-Flush Equipment for one (1) Approach Lighting System (ALS).

Due Date: 08/31/23

23Em.121A2 - Internal Target: Visual Navigational Aids - NavAids - Sustainment - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Complete two (2) Medium Intensity Approach Lighting System (MALSR) replacement project. (CAM Goal)

Due Date: 09/30/23

23Em.121A3 - Internal Target: Visual Navigational Aids - NavAids - Sustainment - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Complete three (3) Runway End Identifier Lights (REIL) Installations. (CAM Goal)

Due Date: 09/30/23

23Em.122 - Internal Initiative: Instrument Landing System (ILS) - Landing and Lighting Portfolio

Owner: Malcolm Andrews

Description: The Instrument Landing Systems (ILS) Program supports the establishment and sustainment of ILS and/or Approach Lighting System with Sequencing Flashing Lights (ALSF-2) systems needed for Category (CAT) II/III precision approach procedures. In addition, sustainment of CAT I ILSs and Medium Approach Lighting System with Runway Alignment Indicator Lights (MALSR) work is conducted. An ILS precision approach is comprised of a grouping of electronic devices: Localizer, Glide Slope and marker beacons and, in some cases, ancillary aids (e.g. Distance Measuring Equipment, Approach Lighting System, Runway Visual Range, etc.) that provide landing aircraft with both electronic guidance and visual landing aids.

These systems allow properly equipped aircraft to land safely in adverse weather conditions. The ILS provides both vertical and lateral guidance information for the pilot to allow safe landing to touchdown and rollout. The ILS sends information to instruments in the cockpit so that the pilot can maintain a predetermined flight path to the runway even in low visibility. The ILS also provides a backup landing capability in the event of a loss of Global Navigation Satellite System (GNSS) service. The ALSF-2 and the MALSR are lighting systems installed along the extended centerline extending a distance of 2,400 feet outward into the approach zone and ending at the runway threshold to provide visual cues to help the pilot see the runway.

23Em.122A - Internal Activity: Instrument Landing System (ILS) - Landing and Lighting Portfolio

Owner: Deborah Lawrence

Description: In FY23 the ILS Program will provide engineering and technical services/support, procure ILSs and ancillary equipment, and complete ILS replacement projects, and complete one on-going ALSF-2 establishment projects. This effort will improve both system safety and capacity at equipped runways by providing precision approach capability in the U.S. and worldwide for aircraft landing in adverse weather conditions.

23Em.122A1 - Internal Target: Instrument Landing System (ILS) - Landing and Lighting Portfolio

Owner: Rowena Mendez

Description: Procure five (5) Instrument Landing Systems (including 5 Glide Slope (GS) and 5 Localizer (LOC))

Due Date: 09/30/23

23Em.122A2 - Internal Target: Instrument Landing System (ILS) - Landing and Lighting Portfolio

Owner: Rowena Mendez

Description: Complete two (2) Instrument Landing System Projects. (CAM Goal)

Due Date: 09/30/23

23Em.123 - Internal Initiative: Distance Measuring Equipment (DME) - Landing and Lighting Portfolio

Owner: Malcolm Andrews

Description: The Distance Measuring Equipment (DME) is a radio navigation aid used by pilots to determine the aircraft slant distance from the DME location. The program is procuring and installing state-of-the-art DME systems to: support replacement of DMEs that have exceeded their service life expectancy, establish new DMEs at qualifying airports, to relocate DME facilities, and establish DMEs in lieu of Instrument Landing System marker beacons. DMEs reduce the need for less desirable step-down non-precision approach procedures in which a pilot descends to the minimum allowable altitude to visually locate the runway. DMEs lead to better specification and control over the vertical descent profile and reduces controlled-flight-into-terrain (CFIT) risk.

23Em.123A - Internal Activity: Distance Measuring Equipment (DME) - Landing and Lighting Portfolio

Owner: Deborah Lawrence

Description: In FY23, the DME Program will provide program management, system engineering, logistics support, procurement of DME systems, to complete establish/replacement DME projects.

23Em.123A2 - Internal Target: Distance Measuring Equipment (DME) - Landing and Lighting Portfolio

Owner: Gonghe Zhang

Description: Complete installations of nine (9) Distance Measuring Equipment (DME) systems. (CAM Goal)

Due Date: 09/30/23

23Em.124 - Internal Initiative: Terminal Voice Switch

Owner: Malcolm Andrews

Description: Terminal Voice Switch Replacement (TVSR) II -The TVSR program manages NAS voice communications systems in the terminal environment through system replacements and continued sustainment efforts. These activities allow continuous availability of the following NAS services: air-to ground communications between controllers and aircraft, ground-to-ground communications between controllers, and emergency back-up communications.

23Em.124A - Internal Activity: Terminal Voice Switch- Sustainment 2

Owner: David Gray

Description: The TVSR program has been in place for more than 25 years. TVSR has historically undertaken deployments and sustainment efforts as required to keep the terminal switches operational. TVSR I started in FY89, and TVSR II started in FY95. Voice switches managed by the TVSR program include RDVS I, RDVS II, RDVS IIA, ETVS, STVS, and IVSR. RDVS, ETVS, and STVS were deployed in the 1990's and early to mid- 2000's. IVSR began deploying in 2005 and the IVSR contract with Frequentis, USA is now the only voice switch procurement vehicle available. The TVSR program office also manages Voice Switch By-Pass (VSBP) efforts; VSBP provides backup capabilities at terminal facilities

23Em.124A1 - Internal Target: Terminal Voice Switch - Rapid Deployment Voice Switch (RDVS) Power Supply Replacement

Owner: Clarissa Riffe

Description: Deliver the last of the Rapid Deployment Voice Switch (RDVS) replacement retrofit kits to Prime Vendor warehouse.

Due Date: 09/30/23

23Em.124A2 - Internal Target: Terminal Voice Switch - Small Tower Voice Switch (STVS) Tech Refresh

Owner: Clarissa Riffe

Description: Complete installation of the Small Tower Voice Switch (STVS) Tech Refresh Retrofit Kit at one of two Key Sites - San Diego Brown Field (SDM) or Carlsbad, CA (CRQ).

Due Date: 09/30/23

23Em.124A3 - Internal Target: Terminal Voice Switch Sustainment (TVSS) - Voice Switch Bypass (VSBP)

Owner: Clarissa Riffe

Description: Deliver one (1) Voice Switch By-Pass (VSBP) system to a Federal Aviation Administration (FAA) facility.

Due Date: 09/30/23

23Em.124A4 - Internal Target: Terminal Voice Switch (TVS)- Enhanced Terminal Voice Switch (ETVS) Position Integration Project - Replacement (PIP-R)

Owner: Clarissa Riffe

Description: Task Order Award for non-recurring engineering effort necessary to create the design for the replacement of the Enhanced Terminal Voice Switch (ETVS) Position Integration Project (PIP) Module.

Due Date: 06/30/23

23Em.124A5 - Internal Target: Terminal Voice Switch (TVS) - Rapid Deployment Voice Switch (RDVS) Speaker Module

Owner: Clarissa Riffe

Description: Task Order Award for non-recurring engineering effort necessary to create the design to replace the Rapid Deployment Voice Switch (RDVS) Speaker Module

Due Date: 06/30/23

23Em.124A6 - Internal Target: Terminal Voice Switch (TVS)- Enhanced Terminal Voice Switch (ETVS) Power Supply Replacement

Owner: Clarissa Riffe

Description: Complete installation of Enhanced Terminal Voice Switch (ETVS) Power Supply Replacement at 40th sites.

Due Date: 08/31/23

23Em.125 - Internal Initiative: DVT Sustainment Program

Owner: Deborah Lawrence

Description: The Distance Measuring Equipment (DME), Very High-Frequency Omni-Directional Range (VOR), Tactical Air Navigation (TACAN) [DVT] Sustainment Program intends to provide long term sustainment of DME, VOR, and TACAN navigation services. DMEs provide slant range (Distance) information to all aircraft and enables RNAV service for air carrier aircraft.

Area navigation (RNAV) is a method of instrument flight rules (IFR) navigation that allows an aircraft to choose any course within a network of navigation beacons, rather than navigate point to point. VORs provide azimuth (position) information for en-route navigation and approach services. VOR navigation allows aircraft to fly point to point along established airways between VORs. TACANs provide azimuth information to military aircraft and slant range information to military and civilian aircraft.

23Em.125A - Internal Activity: DME/VOR/TACAN (DVT)

Owner: Deborah Lawrence

Description: In FY23 the DVT Program will provide program management support for all the activities related to the management of the program, contractual documentation and procurement planning and completion of specification development.

23Em.125A1 - Internal Target: Very High Frequency Omni-Directional Range (VOR) - DME/VOR/TACAN (DVT) - DME, VOR, TACAN (DVT) Sustainment Portfolio

Owner: Nnaemeka Nnamani

Description: Release the DME/VOR/TACAN (DVT) Screening Information Request (SIR) and Task Orders for Industry Review

Due Date: 05/31/23

23Em.128 - Internal Initiative: Very High Frequency Omni-Directional Range (VOR) - Minimum Operational Network (MON) Implementation Program - Phase 2

Owner: Deborah Lawrence

Description: Very High Frequency Omni-Directional Range (VOR) - Minimum Operational Network (MON) Implementation Program - Phase 2 - The Very-High-Frequency Omni-Directional Range (VOR) MON Program is repurposing the VOR network in the contiguous United States (CONUS) to serve as a backup during unplanned Global Positioning System (GPS) outages. The scope of the program includes the following: program management, amendment/cancelation/replacement of Instrument Flight Procedures (IFPs), flight inspect and publication of new service volumes, relocation of any services/equipment dependent on a VOR transmitter. The VOR MON program will transition the legacy network of 896 VORs in CONUS to a MON of approximately 590 VORs with a target date of FY 2030. The MON allows aircraft to navigate VOR-to-VOR and/or land under Instrument Flight Rules (IFR) in the event of unplanned disruption in a GPS signal.

23Em.128A - Internal Activity: Very High Frequency Omni-Directional Range (VOR) Minimum Operational Network (MON)

Owner: Leonixa Salcedo

Description: AJM-3: Discontinue twenty two (22) Very High Frequency Omni-directional Ranges (VORs).

23Em.128A2 - Internal Target: AJV- W3: Complete the JO 7400.2 NAVAID Discontinuance process in support of the VOR MON Program

Owner: Clark Desing

Description: Complete the instrument flight procedures preliminary design/amendment/cancellation and coordination activities required to support VOR MON Program’s national discontinuance goal of twenty two (22) VORs.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.128A3 - Internal Target: AJV-E3: Complete the JO.7400.2 NAVAID Discontinuance process in support of the VOR MON Program.

Owner: Ryan Almasy

Description: Complete the JO.7400.2 NAVAID Discontinuance process to support the VOR MON Program's national discontinuance goal of twenty two (22) VORs.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.128A4 - Internal Target: AJV-A: Complete Instrument Flight Procedures in support of VOR MON

Owner: Bev Bordy

Description: Complete all Instrument Flight Procedure (IFP) activities required to discontinue twenty two (22) VORs.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.128A5 - Internal Target: AJV-P: Initiate Part 71 rulemaking actions required in support of VOR MON

Owner: Michael Beckles

Description: Initiate Part 71 rulemaking actions required, upon receipt of Service Center OSG request packages, resulting from twenty two (22) VOR discontinuance determinations associated with the VOR MON program Phase 2 FY23 milestones.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.128A6 - Internal Target: AJV-S: Provide required PBN procedure support for the discontinuance of twenty two (22) VORs.

Owner: Michael Hilbert

Description: Provide required PBN procedure support for the discontinuance of twenty two (22) VORs.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.128A7 - Internal Target: AJV-C3: Complete the JO 7400.2 NAVAID Discontinuance process to support the VOR MON Program

Owner: Robert Beck

Description: Complete the JO 7400.2 NAVAID Discontinuance process to support the VOR MON Program's national discontinuance goal of twenty two (22) VORs.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.128A8 - Internal Target: AJV-C2: Complete the instrument flight procedures coordination activities in support of the VOR MON Program

Owner: Robert Beck

Description: Complete the instrument flight procedures preliminary design/amendment/cancellation and coordination activities required to support VOR MON Program’s national discontinuance goal of twenty two (22) VORs.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.128A9 - Internal Target: AJV-E2: Complete the instrument flight procedures coordination activities in support of the VOR MON Program

Owner: Ryan Almasy

Description: Complete the instrument flight procedures preliminary design/amendment/cancellation and coordination activities required to support VOR MON Program’s national discontinuance goal of twenty two (22) VORs.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.128A10 - Internal Target: AJV-W2: Complete the instrument flight procedures coordination activities in support of the VOR MON Program

Owner: Clark Desing

Description: Complete the instrument flight procedures preliminary design/amendment/cancellation and coordination activities required to support VOR MON Program's national discontinuance goal of twenty two (22) VORs.

Core Coordinated: Agreed

Due Date: 09/30/23

23Em.132 - Internal Initiative: NextGen Distance Measuring Equipment (DME) Program

Owner: Deborah Lawrence

Description: Performance Based Navigation (PBN) uses Area Navigation (RNAV) and Required Navigation Performance (RNP) to improve access and flexibility in the National Airspace System (NAS) with the goal of providing the most direct and efficient aircraft routes possible. This begins with leaving the departure runway to arriving at the destination runway while also enabling right-sizing of conventional procedures and navigation infrastructure. PBN defines the requirements for routes and procedures that enable aircraft to navigate with greater precision and accuracy. It provides a basis for designing and implementing new flight paths, redesigning airspace, and providing safe obstacle clearance. In support of PBN, the objective of NextGen DME is to provide a resilient network to continue PBN operations during a Global Navigation Satellite System (GNSS) disruption.

23Em.132A - Internal Activity: NextGen Distance Measuring Equipment (DME) Program

Owner: Rowena Mendez

Description: For FY23 the NextGen Program will complete activities for successful installation of critical Distance Measuring Equipment (DME) Systems and fill coverage gaps to enable DME Area Navigation (RNAV) aircraft.

23Em.132A1 - Internal Target: NextGen Distance Measuring Equipment (DME) Program

Owner: Rowena Mendez

Description: Complete the installation of one (1) Distance Measuring Equipment (DME) System. (CAM Goal)

Due Date: 09/30/23

23Em.133 - Internal Initiative: Financial Services Communication - Develop a Workforce for a Modern Operation

Owner: Charles Mauro

Description: Increase communication internally to be more effective. Collaborate with and point our customers to the right place, improve customer service through effective communication, and ensure our employees understand who we are, what we do, and where we are going.

23Em.133A - Internal Activity: Budget Awareness

Owner: Laura Williams

Description: Provide financial overview to new DVPs.

23Em.133A1 - Internal Target: DVP Onboarding [Process]

Owner: Laura Williams

Description: Present DVP onboarding when requested and when a new DVP starts.

Due Date: 09/30/23

23Em.133B - Internal Activity: AJG-R2 Service Request Communications

Owner: Aimee Johnson

Description: Develop an ATO Minute Article on the automated tools that streamline wireless fulfillment and space management requests. Article will promote AJG's commitment to continuously improve tools and processes for our ATO customers.

23Em.133B1 - Internal Target: ATO Minute Article Preparation: Develop potential interview questions and identify customers for testimonials [Image]

Owner: Aimee Johnson

Description: Partner with AJG-C2 to come up with interview questions for customer testimonials. Identify frequent users of old and new tools to obtain comprehensive testimonials.

Due Date: 10/15/22

23Em.133B2 - Internal Target: ATO Minute Article Development: Conduct Interviews and Write Article [Image]

Owner: Aimee Johnson

Description: Conduct interviews with identified customers and partner with AJG-C2 to write and submit article for publication.

Due Date: 11/30/22

23Em.133C - Internal Activity: Assess Performance and Capabilities

Owner: Walter Harris

Description: Implement strategies, techniques and procedures to improve internal and external communications with our Customers.

23Em.133C1 - Internal Target: Budget Awareness [Process]

Owner: Walter Harris

Description: Increase fiscal budget awareness to assist internal and external customers.

Due Date: 09/30/23

23Em.134 - Internal Initiative: Financial Services Education - Use Information to Improve System Performance

Owner: Charles Mauro

Description: Conduct assessments of training needed for AJG-R to maintain a highly skilled workforce that is using the most efficient tools and methodologies. Improve personal development for all employees and service delivery to our customers, and improve the customer perception on AJG-R.

23Em.134A - Internal Activity: Acquisition Education

Owner: Aimee Johnson

Description: Develop and conduct ATO-wide acquisition training.

23Em.134A1 - Internal Target: Contracts 103 [Delivery]

Owner: George Gunder

Description: Develop and deliver semi-annual contract training via a webinar format; first offering by 4/30/2023, second offering by 10/31/2023.

Due Date: 04/30/23

23Em.134A2 - Internal Target: CORe Clips [Delivery]

Owner: Sol Tillett

Description: Develop and coordinate production of the second micro-learning in the CORe Clips series.

Due Date: 06/30/23

23Em.134B - Internal Activity: Budget Process

Owner: Walter Harris

Description: Provide overall understanding of ATO's budget process, products and services to increase stakeholder knowledge base.

23Em.134B1 - Internal Target: Training [Process]

Owner: Walter Harris

Description: Assist in developing materials to educate our internal and external customers on the ATO budget process.

Due Date: 03/31/23

23Em.135 - Internal Initiative: Financial Services Automation - Use Information to Improve System Performance

Owner: Charles Mauro

Description: Identify automated processes and products that eliminate the need for one-off reports and free up our analysts to accomplish more quality work. Produce better and faster reports, accompanied by quality analysis and recommendations for our customers using new tools, consolidated databases, and dashboards.

23Em.135A - Internal Activity: Business Analytics

Owner: Walter Harris

Description: Develop, integrate, and evaluate business analytics products for ATO Financial Services support information. Connect and communicate Financial Services information across AJG-R in a standard way by utilizing a data user group to review and standardize data sources.

23Em.135A1 - Internal Target: Business Analytics [Process]

Owner: Angela Davis

Description: Review and update AJG-R350 organizational structure and processes for compliance with AJG and ATO priorities.

Due Date: 12/31/22

23Em.135B - Internal Activity: Service Request Enhancements

Owner: Aimee Johnson

Description: Enhance tools to improve forms and processes.

23Em.135B1 - Internal Target: Service Request Tool Change Control [Process]

Owner: George Gunder

Description: Gather feedback on tools and consolidate into Change Control Document. Conduct review of changes and evaluate feasibility, and adopt accepted changes.

Due Date: 05/31/23

23Em.135B2 - Internal Target: Service Request Tool Version Updates and Communications [Delivery]

Owner: George Gunder

Description: Adopt accepted tool changes, test changes to ensure tool functionality, post new version changes, and coordinate communication of version changes to users.

Due Date: 08/31/23

23Em.135C - Internal Activity: Travel Administration

Owner: Aimee Johnson

Description: Initiate and conduct annual travel administration routing verification for E2 system.

23Em.135C1 - Internal Target: Travel System Infrastructure Validation [Process]

Owner: Dacia Kelly

Description: Download listing of current E2 pools by Service Unit; develop verification formatting and messaging; distribute data call to Service Units and obtain information needed to update the information in the E2 system.

Due Date: 03/31/23

23Em.135C2 - Internal Target: Travel System Infrastructure Update [Image]

Owner: Dacia Kelly

Description: Validate information from Service Units and update E2 system.

Due Date: 06/30/23

23Em.135D - Internal Activity: Develop System Automation

Owner: Walter Harris

Description: Develop budget formulation and tracking tools.

23Em.135D1 - Internal Target: Interactive and Connection Enhancements [Delivery]

Owner: Walter Harris

Description: Enhance the ATO Dashboard, ORB Tool and Pay Dashboard.

Due Date: 07/31/23

23Em.135E - Internal Activity: Automated Spend Plan Tool

Owner: Austin Selvakumar

Description: Revisit spend plan tool requirements and determine solution to meet ATO spend plan needs.

23Em.135E1 - Internal Target: Determine Outcomes [Process]

Owner: Austin Selvakumar

Description: Meet with stakeholders (Director, customers, R3, FA, FM) to determine areas for improvement.

Due Date: 12/31/22

23Em.135E2 - Internal Target: Identify Requirements [Process]

Owner: Austin Selvakumar

Description: Identify and draft requirements for enhancements or alternate solutions.

Due Date: 04/30/23

23Em.136 - Internal Initiative: Financial Services Integration - Use Information to Improve System Performance

Owner: Charles Mauro

Description: Integrate our work within AJG-R and AJG so that AJG's customers receive complete, seamless service.

23Em.136A - Internal Activity: AJG Integrated Customer Teams (ICTs)

Owner: Aimee Johnson

Description: Commence Integrated Customer Team (ICT) Service approach providing seamless services across all functional areas in Management Services to our Service Unit customers.

23Em.136A1 - Internal Target: Integrated Customer Teams (ICTs) Establishment [Process]

Owner: Charles Mauro

Description: Pilot the ICT process for Mission Support Services, AJV. The pilot will use leads from AJG-R and AJG-P. The co-leads will involve AJG-L and AJG-C, as necessary. The co-leads will develop a process, apply it to AJV and develop lessons learned.

Due Date: 03/31/23

23Em.136A2 - Internal Target: ICT Process for second Service Unit [Process]

Owner: Charles Mauro

Description: Establish the same ICT process with a second Service Unit.

Due Date: 06/30/23

23Em.136A3 - Internal Target: Expand ICT process across Service Units [Process]

Owner: Charles Mauro

Description: Develop a schedule and begin implementation with the remaining Service Units.

Due Date: 09/30/23

23Em.136A4 - Internal Target: Integrated Customer Teams (ICTs) Deliverables [Delivery]

Owner: Charles Mauro

Description: Complete a Service Level Agreement with Mission Support Services, AJV. Submit to AJV for review and approval. Obtain feedback on value and content with AJV and AJG. Develop Lessons Learned and a Monthly Business Review report.

Due Date: 03/31/23

23Em.136A5 - Internal Target: Draft a second Service Level Agreement [Delivery]

Owner: Charles Mauro

Description: Draft a second Service Level Agreement with a second Service Unit in the ICT process implementation.

Due Date: 06/30/23

23Em.136A6 - Internal Target: Expand Service Level Agreements across Service Units [Delivery]

Owner: Charles Mauro

Description: Develop a schedule and begin implementation of Service Level Agreements with the remaining Service Units.

Due Date: 09/30/23

23Em.137 - Internal Initiative: Financial Services Core Work - Use Information to Improve System Performance

Owner: Charles Mauro

Description: Complete the most important services that AJG provides to add value to all ATO Service Units to support and enable Air Traffic operations.

23Em.137A - Internal Activity: Manage Business Rules

Owner: Laura Williams

Description: Manage process for interim updates to business rules when requested by ATO Deputy Vice Presidents with approval from ATO Vice Presidents and ATO Chief Operating Officer.

23Em.137A1 - Internal Target: Execute Business Rules Interim Process [Process]

Owner: Laura Williams

Description: Adjudicate business rules comments from Spring 2022 review and post-June 2022 signature.

Due Date: 04/30/23

23Em.137A2 - Internal Target: Business Rules Review [Delivery]

Owner: Laura Williams

Description: Review business rules with sub-team and provide recommended updates for business rules.

Due Date: 10/31/22

23Em.137B - Internal Activity: ATO Budget Stakeholder Collaboration

Owner: Walter Harris

Description: Collaborate with Internal and External Stakeholders on the ATO Budget.

23Em.137B1 - Internal Target: System Performance [Delivery]

Owner: Walter Harris

Description: Alignment of Spend Plans, Operation Review Board (ORB) Tool technology and Business rules/objectives that align with customer funding requirements.

Due Date: 09/30/23

23Em.137C - Internal Activity: Administer Contracts

Owner: Aimee Johnson

Description: Provide procurement planning, contract formation (pre-award), interpretation of contract requirements, contract administration (ensuring requirements are being met), contract modifications, contract performance monitoring, inspection and acceptance, payment including review of invoices, and contract closeout for AJG supported contracts.

23Em.137C1 - Internal Target: ATO Executive Coaching Support [Delivery]

Owner: Sol Tillett

Description: Coordinate the preparation of all pre- award documents to clearly communicate customers' requirements to the vendor during the exercise of option for executive coaching support.

Due Date: 03/31/23

23Em.137C2 - Internal Target: Transition AJV Administrative Support Services contracts to AJG [Delivery]

Owner: Patricia Ambush

Description: Transition AJV Administrative Support Services contracts in accordance with the Transition Plan.

Due Date: 12/31/22

23Em.137C3 - Internal Target: Deliver to CFO a Contract package for international support, oceanic separation and UAS procedures [Delivery]

Owner: Alan Gibson

Description: Cooperate with Air Navigation Service Providers (ANSP) to increase communications, navigation, and surveillance data sharing. Support the FAA's Space-based Automatic Dependent Surveillance-Broadcast (ADS–B) project and facilitate the safe and secure integration of UAS into the FAA National Airspace System (NAS).

Due Date: 08/31/23

23Em.137C4 - Internal Target: Contracting Administration for AJF and AJW [Delivery]

Owner: George Gunder

Description: During the year, establish new acquisitions and monitor existing contracts for AJG-R2 in support of AJF and AJW. Ensuring stakeholder's requirements are properly captured; adequate funding is provided for current year requirements; invoices are paid according to the Prompt Payment Act.

Due Date: 08/15/23

23Em.137D - Internal Activity: Provide Workspace Management and Facility Services

Owner: Aimee Johnson

Description: Coordinate workspace management and facility security activities for Headquarters and the MMAC.

23Em.137D1 - Internal Target: National Capital Region (NCR) Workspace Management [Delivery]

Owner: Roger Lewis

Description: Coordinate collocation efforts for AJT and AJW, AJV, and AJM. Continue to provide workspace support for Service Units on all space logistic management needs; provide requirement documents to Aviation Property Management (APM) for the 901 D Street and 950 L'Enfant Plaza lease extension efforts; FB-10A 700 East: Executive Suite Dynamic Space Renovation; support design efforts to 100% construction documents so that GSA solicitation can begin.

Due Date: 09/30/23

23Em.137D2 - Internal Target: Mike Monroney Aeronautical Center (MMAC) Workspace Management Services for Lighting [Delivery]

Owner: Jeffrey Santiago

Description: Support AJV and MMAC LED Light Project ANF1 Building 5, 1st and 2nd floors.

Due Date: 09/30/23

23Em.137E - Internal Activity: Support ATO end users with Wireless Devices, Property, and E2

Owner: Aimee Johnson

Description: Support ATO end users with wireless device needs, property management, and travel administration (E2).

23Em.137E1 - Internal Target: Support ATO end users with Wireless Devices, Property, and E2 [Delivery]

Owner: Dacia Kelly

Description: Support ATO end users with wireless needs and continue to identify cost reduction opportunities. Continued engagement and support with ATO Service Units on property management initiatives.

Due Date: 09/30/23

23Em.137F - Internal Activity: Execute Non-Pay budget

Owner: Laura Williams

Description: Execute ATO's Non-Pay Budgets.

23Em.137F1 - Internal Target: Execute Non-Pay budget [Delivery]

Owner: Laura Williams

Description: Monitor, track and report obligations and expenditures for ATO service units. Support the acquisition request process including requisition, funds certification, and approval of purchase card/travel and purchase requisitions for assigned service units.

Due Date: 09/30/23

23Em.137G - Internal Activity: President's Budget Formulation

Owner: Walter Harris

Description: Formulate the ATO Budget.

23Em.137G1 - Internal Target: Financial Management [Delivery]

Owner: Walter Harris

Description: Provide comprehensive financial services and analytical expertise that enables ATO, FAA, and DOT customers to make informed decisions in support of the core mission.

Due Date: 09/30/23

23Em.138 - Internal Initiative: Financial Services Continuous Improvement - Use Information to Improve System Performance

Owner: Charles Mauro

Description: Map out processes, identify overlaps and gaps, and update them to be more efficient to foster collaboration.

23Em.138A - Internal Activity: OCR Internal Process

Owner: Laura Williams

Description: Coordinate with People Services to develop holistic Management Services OCR process.

23Em.138A1 - Internal Target: Draft Financial OCR Internal Process [Process]

Owner: Laura Williams

Description: Draft financial side of OCR internal process and integrate with People Services on OCR SOP.

Due Date: 04/30/23

23Em.144 - Internal Initiative: Regulatory Evaluations: Regulatory Analysis and Support

Owner: Nellie Lew

Description: Provide timely Regulatory Impact Analyses as required in rulemaking using accepted economic principles and statistical analysis. Provide consulting for agency regulatory and deregulatory projects.

23Em.144A - Internal Activity: Economic Evaluations and Support of Aviation Regulations

Owner: Nellie Lew

Description: Conduct economic analyses for agency rulemaking projects and policy initiatives to promote a safe and efficient National Airspace System. Support FAA's priorities for safety-first rulemaking policy development under the requirements under EO 12866, Regulatory Planning and Review.

23Em.144A1 - Internal Target: Produce Draft Regulatory Evaluations

Owner: Nellie Lew

Description: Produce draft regulatory impact analyses for the FAA priority strategic rulemaking projects (RAMP-1 projects), in a timely manner as approved by the Rulemaking Management Committee or by a Principals Brief decision, unless projects are on hold due to a key policy consideration or prioritization of other projects.

Due Date: 09/30/23

23Em.144A2 - Internal Target: Improve data sources and methods used for regulatory impact analyses

Owner: Eloise Trabka

Description: Conduct market research to identify potential data sources that would enable analyses of regulated entities based on employment and revenue size.

Due Date: 09/30/23

23Em.144A3 - Internal Target: Develop a Training Module on Regulatory Impact Analysis

Owner: Esther Barto

Description: Develop a prototype training module that could be deployed either on the “Employee Learning Management System” (eLMS) or internal APO website and would be available on-demand to all FAA Lines of Business and Staff Offices interested in the economic analysis of rulemaking.

Due Date: 09/30/23

23Em.146 - Internal Initiative: Enhanced Resource Efficiency

Owner: Ronna Porter

Description: Advance collaboration and integration across System Operations through personnel support, contract management, and financial services to add value to NAS stakeholders.

23Em.146A - Internal Activity: Resource Planning and Support

Owner: Ronna Porter

Description: We are a proactive, innovative and service-oriented organization delivering essential services to our customers. We set the standard for the internal management of people, budgets, contracts, and processes by strengthening both our own resource management capabilities and our relationship with the ATO/FAA business and financial service organization.

23Em.146A1 - Internal Target: Generate Financial Data

Owner: Rhodesia Wyatt

Description: Manage budget formulation and execution in the areas of Financial/Budget and Contract management. Provide standardized business services to System Operations while ensuring proper stewardship of allocated resources through internal control programs.

Collaborate with FAA/ATO business and financial services organizations to provide timely delivery of OPS/F&E funding requirements and contracts documentation.

Through the Financial Integration and Operational Review Board Tools and improvements, provide robust data to assist staff and customers with accurate funding data and reports. Provide previous fiscal year undeliverable and current fiscal year funding with advanced and future funding expectations. Continue with the development of the System Operations Financial Dashboard that will give appropriate access to allocations, obligations and balances. Track Continuing Resolutions dates and allowances and continue efforts to streamline contracts.

Due Date: 09/30/23

23Em.146A2 - Internal Target: Streamline Onboarding Process

Owner: Natisha Bailey

Description: Create a Job Analysis Tool (JAT) repository for all service unit classified positions to speed up the hiring process. Create more standardized JATs that cover a broader spectrum allowing for directorates to utilize JATs with employees in similar roles.

Gather JATs data throughout FY23, and develop a hiring process baseline to follow in FY24 and future years.

Due Date: 09/30/23

23Em.146A3 - Internal Target: Create e-Learning Tracking Database

Owner: Natisha Bailey

Description: Create a tracking database for all e-learning from ELMS for System Operations. This database will allow management to manage compliance, track all trainings due by System Operations employees, and use the data to identify gaps in training that may increase performance.

Due Date: 09/30/23

23Em.152 - Internal Initiative: FAA Air Traffic Cost Allocation Study (Section 519. FAA Data Transparency, FAA's Reauthorization Act of 2018)

Owner: Jeffrey Wharff

Description: Produce the FAA's Cost Allocation and Revenue Estimation Model (CAREM) per Section 519 of FAA 2018 Reauthorization.

23Em.152A - Internal Activity: Produce the FAA's Air Traffic Cost Allocation Study

Owner: Jeffrey Wharff

Description: To understand the relationship between the cost of providing air traffic services to various air service users and the revenue derived from these users, Section 519 of FAA 2018 Reauthorization has instructed the Federal Aviation Administration (FAA) to develop a Cost Allocation and Revenue Estimation Model (CAREM). This model will distribute air traffic service costs to a minimum of 15 distinct user groups, as specified in Section 519 (3) (A) of FAA's 2018 Reauthorization, and estimate the revenue derived from each of these user groups. The model is currently at the Office of Inspector General for review and validation. Upon validation a separate report to Congress detailing the results of the model will be produced.

23Em.152A1 - Internal Target: Integrate Recommendations from OIG into the Cost Allocation Model

Owner: Jeffrey Wharff

Description: Integrate Recommendations from OIG into the Cost Allocation Model.

Due Date: 09/30/23

23Em.152A2 - Internal Target: Develop Draft Report to Congress on Cost Allocation Model Results

Owner: Jeffrey Wharff

Description: Develop draft report to Congress on Cost Allocation Model results.

Due Date: 09/30/23

23Em.152A3 - Internal Target: Finalize Report to Congress on Cost Allocation Model Results

Owner: Jeffrey Wharff

Description: Finalize Report to Congress on Cost Allocation Model results and transmit to OST.

Due Date: 09/30/23

23Em.154 - Internal Initiative: Strategic and Business Planning: Strategic and Business Planning Development and Oversight

Owner: Leslie Higgins

Description: Enhance FAA's business planning, strategic planning, and performance management activities.

23Em.154A - Internal Activity: FAA Business Planning and Performance Reporting

Owner: Daniel Milano

Description: Provide guidance on strategic and business planning procedures, obtain stakeholder input on the planning process, and support the user community through troubleshooting, training, and enhancement of business planning processes and tools for the SPIRE 2.1 Strategic Business Management (SBM) module and FEDTool. Work with DOT and OMB on all reporting requirements.

23Em.154A1 - Internal Target: Provide Guidance on Business Planning and Performance Reporting

Owner: Daniel Milano

Description: Facilitate 2023 business planning and communications through weekly business planner and monthly Performance Committee meetings, and formal and informal customer communications training sessions. Respond to business owner and business planner questions. Develop and deliver a draft FY 2023 FAA Business Plan, and facilitate development and delivery of draft FY24 Corporate Goals. Collaborate with LOB/SOs to complete all DOT/OMB reports on time.

Due Date: 09/30/23

23Em.154B - Internal Activity: Support DOT and FAA Strategic Planning

Owner: Joe Miller

Description: Support the implementation of the FAA's Flight Plan 21 strategic plan, involving DOT and FAA performance measurement and reporting.

23Em.154B1 - Internal Target: Support Implementation for DOT & FAA Strategic Plans and Provide Performance Measures Oversight

Owner: Joe Miller

Description: Support implementation of the Flight Plan 21 Strategic Plan and oversight structure, involving DOT and FAA performance measurement and reporting.

Due Date: 09/30/23

23Em.155 - Internal Initiative: Policy Development and Monitoring: Legislative, Policy and Funding Activities

Owner: Thomas Cuddy

Description: Timely and high-quality support to senior management and stakeholders in monitoring and developing cross-agency policies, including but not limited to funding stability and adequacy, and other high-level objectives. Support the FAA Reauthorization process and cross-cutting policy issues.

23Em.155A - Internal Activity: FY23 Reauthorization Legislative Support

Owner: Thomas Cuddy

Description: Facilitate development and coordination of the agency’s legislative proposals in support of the FY23 FAA Reauthorization bill.

23Em.155A1 - Internal Target: FY23 FAA Reauthorization Development and Coordination

Owner: Thomas Cuddy

Description: Working in collaboration with all LOB/SOs, identify and coordinate potential legislation to put forward in the reauthorization bill reflective of FAA priorities.

Due Date: 09/30/23

23Em.155B - Internal Activity: Emerging Policies

Owner: Thomas Cuddy

Description: Lead cross-organizational efforts to facilitate maturation of emerging policy issues impacting FAA and the aviation industry.

23Em.155B1 - Internal Target: Identify, Coordinate, and Develop Emerging Aviation Policies

Owner: Thomas Cuddy

Description: Identify, coordinate, and develop policies associated with emerging aviation technologies, working across and outside of the agency. These may include UAS and counter-UAS, UAS preemption, and spectrum issues including Position, Navigation, and Timing (PNT) analyses. Deliverable: Provide a monthly report on the progress of emerging technologies to the Deputy Director of Policy and Plans, develop policy/status memos, prepare FAA senior leaders for meetings with DOT/OST and industry, and provide staffing support.

Due Date: 09/30/23

23Em.156 - Internal Initiative: Develop Forecasts and Reports for the Aviation Industry

Owner: Roger Schaufele

Description: Forecast of overall demand for FY23 as measured by passengers enplaned is within levels established by COVID-19 recovery scenarios: Develop and publish national, international, and facility forecasts of the demand for aerospace services (including Commercial Space Launch and Re-Entry) and the workload it will impose on the National Airspace System (NAS) and support the agency's safety mission.

23Em.156A - Internal Activity: FAA Aerospace Forecast Development and Publishing

Owner: Roger Schaufele

Description: Develop and publish an annual FAA Aerospace Activity Forecast out to FY 2042 including forecasts for Air Route Traffic Control Center (ARTCC) Forecasts, UAS, and Commercial Space Launch and Re-Entry activity.

23Em.156A1 - Internal Target: Publish the Annual Aerospace Forecast for FY 2023-2043

Owner: Michael Lukacs

Description: Publish the annual Aerospace Forecast for FY 2023-2043 (including a UAS forecast)

Due Date: 09/30/23

23Em.156A2 - Internal Target: Develop Forecasts for UAS

Owner: Dipasis Bhadra

Description: Develop forecasts for UAS activity, including small and large UAS (as needed).

Due Date: 09/30/23

23Em.156B - Internal Activity: Terminal Area Forecasts (TAF) Development and Publishing

Owner: Michael Lukacs

Description: Develop and publish Terminal Area Forecasts (TAF).

23Em.156B1 - Internal Target: TAF Publication

Owner: Michael Lukacs

Description: Prepare the TAF for publication. Once management approves release, publish on the internet within one week

Due Date: 09/30/23

23Em.156C - Internal Activity: Publish Air Route Traffic Control Center (ARTCC) and Commercial Space Launch and Re-Entry Forecasts

Owner: Michael Lukacs

Description: Develop and publish additional aerospace forecasts, including an Air Route Traffic Control Center (ARTCC) and Commercial Space Launch and Re-Entry forecasts.

23Em.156C1 - Internal Target: Publish the Air Route Traffic Control Center (ARTCC) Forecast

Owner: Chia-Mei Liu

Description: Publish the Air Route Traffic Control Center (ARTCC) Forecasts for Aircraft Handled.

Due Date: 09/30/23

23Em.156C2 - Internal Target: Publication of Commercial Space Launch and Re-Entry Forecast

Owner: LaVada Strickland

Description: Work with the Office of Commercial Space Transportation (AST) to generate and publish Commercial Space Launch and Re-Entry Forecast.

Due Date: 09/30/23

23Em.156E - Internal Activity: Industry Trends and Operations Report(s)

Owner: Michael Lukacs

Description: Publish quarterly report highlighting aviation industry traffic and revenue trends.

23Em.156E1 - Internal Target: Inform Stakeholders on Aviation Trends

Owner: Jonathan Corning

Description: Publish and distribute quarterly reports to stakeholders highlighting aviation industry traffic and revenue trends. Hold at least two live webinars with stakeholders to socialize trends in aviation industry.

Due Date: 09/30/23

23Em.156E2 - Internal Target: Publish Report on Economic Impact

Owner: Jared Teeter

Description: Prepare report for publication on Economic Impact of Civil Aviation in U.S. that contains 2020 data reflecting impact of COVID-19.

Due Date: 09/30/23

23Em.156F - Internal Activity: UAS Implementation Plan and Strategic Analysis

Owner: Michael Lukacs

Description: Support and identify UAS integration research activities that align to FAA strategic priorities. Conduct testing for survey deployment, analyze findings and integrate into the FY23 UAS forecast.

23Em.156F1 - Internal Target: Define FAA UAS Data Collections

Owner: Michael Lukacs

Description: Define FAA UAS data collection and analysis requirements.

Due Date: 09/30/23

23Em.156F2 - Internal Target: UAS Survey Analysis

Owner: William Ekins

Description: Complete tests for survey deployment and analyze survey results.

Due Date: 09/30/23

23Em.158 - Internal Initiative: Develop and Implement Modernized Forecast Tools and Products

Owner: Roger Schaufele

Description: Develop and implement modernized forecast tools to enhance efficiency.

23Em.158A - Internal Activity: Modernize the Terminal Area Forecast (TAF-L)

Owner: Roger Schaufele

Description: Select a recommended option for modernizing TAF-L from list of options presented in TAF-L audit.

23Em.158A1 - Internal Target: Terminal Area Forecast Improvements

Owner: Roger Schaufele

Description: Implement at least 1 recommended improvement from TAF-L audit.

Due Date: 09/30/23

23Em.162 - Internal Initiative: ARA Key Operational Activities

Owner: Sean Torpey

Description: This initiative represents key activities and projects performed by ARA which are not clearly aligned under other APL Initiatives and serves as a repository for short term incentives for ARA Executives.

23Em.162A - Internal Activity: Regional Office Annual Training

Owner: James O'leary

Description: As the Facility Manager for their respective Regional Offices the Regional Administrator is responsible for ensuring proper training and exercises take place each year. Many of these are driven by FAA Orders, (Security & COOP), some are required by Federal, State or Local codes and others are recognized good practice that should be conducted at regular intervals to ensure proficiency and awareness. The new hybrid work environment due to the Covid-19 pandemic has introduced new challenges that will change the way training and exercising is conducted with a hybrid workforce.

23Em.162A1 - Internal Target: Identify Annual Training/Exercises

Owner: James O'leary

Description: Identify minimum annual training/exercises by Regional Office

Due Date: 02/28/23

23Em.162A2 - Internal Target: Reach Hybrid Workforce

Owner: James O'leary

Description: Identify most efficient and effective methods to reach hybrid workforce.

Due Date: 09/30/23

23Em.162B - Internal Activity: Implement Improvements to the ARA Devolution Processes and Procedures

Owner: James O'leary

Description: The Regional Emergency Planners (EPs) will continue to work with all ARA functional areas to implement continued improvements to the ARA Devolution process.

23Em.162B1 - Internal Target: Conduct Regional Devolution Exercises

Owner: James O'leary

Description: A minimum of one devolution pair in each service area will conduct a devolution exercise with their identified devolution partner to test the ability to perform essential functions in a devolution event. Regional EP's will publish an After Action Report for each exercise.

Due Date: 09/30/23

23Em.162C - Internal Activity: Emergency Operating Facility Assessment

Owner: James O'leary

Description: In accordance with Federal Continuity Directives (FCD) 1 & 2 each Regional Office is required to establish and maintain an Alternate Facility in which Mission Essential Functions can be performed when the Primary Facility is not available. To meet this requirement each Region has established an Emergency Operating Facility, (EOF). During the COVID-19 Pandemic and the implementation of Max Telework these EOF's have not been adequately used, tested or maintained.

23Em.162C1 - Internal Target: Evaluate current status of Regional Office EOF's

Owner: James O'leary

Description: The Regional Emergency Planners (EP's) will review current FCD's and FAA Orders to identify current EOF requirements. Regional EP's will conduct an evaluation of the current status of each Regional Office EOF in accordance with FCD alternate facility requirements.

Due Date: 02/28/23

23Em.162C2 - Internal Target: Recommend Changes to Regional EOF's

Owner: James O'leary

Description: Regional EP's will identify existing capabilities and shortfalls of each Regional Office EOF. Regional EPs will provide a recommendation to ARA leadership for any necessary changes and updates to each Regional Office EOF to ensure compliance with current FCD's and has the capability to perform Mission Essential Functions in a continuity event.

Due Date: 09/30/23

23Em.165 - Internal Initiative: NY Operational Initiative

Owner: Marie Kennington-Gardiner

Description: As identified with industry stakeholders, continue implementing operational initiatives at the New York Metropolitan airports.

23Em.165A - Internal Activity: NY Operational Initiative

Owner: Marie Kennington-Gardiner

Description: As identified with industry stakeholders, continue implementing operational initiatives at the New York Metropolitan airports.

23Em.165A1 - Internal Target: Amendments to Address Newark Airport (EWR) /LaGuardia Airport (LGA) Airspace Boundary Issues

Owner: Marie Kennington-Gardiner

Description: Support development of procedural amendments to address Newark Airport/LaGuardia Airport (EWR/LGA) airspace boundary issues by moving the ELVAE fix. ELVAE appears on 6 departure procedures: EWR: LIBERTY FIVE/NEWARK FOUR. Teterboro Airport (TEB): TETERBORO THREE. Morristown Municipal Airport (MMU): MORRISTOWN SEVEN.

Due Date: 09/30/23

23Em.165A2 - Internal Target: Revisions to Newark Procedures to Deconflict with Teterboro Airport (TEB)

Owner: Marie Kennington-Gardiner

Description: Support revisions to Newark Airport (EWR) procedures to deconflict Teterboro Airport (TEB) and Newark Airport (EWR). Revisions to 6 EWR procedures will deconflict EWR with TEB RUUDY Standard Instrument Departure (SID) and reduce Traffic Alert and Collision Avoidance System/Resolution Advisories (TCAS/RA) events by moving the Final Approach Fix (FAF). This will allow TEB departures to climb and avoid the EWR final.

Due Date: 09/30/23

23Em.165A3 - Internal Target: Replacement of Teterboro Airport Runway 19 Instrument Landing System (ILS)

Owner: Marie Kennington-Gardiner

Description: Support replacement of Teterboro Airport (TEB) RWY 19 Instrument Landing System (ILS) to help minimize equipment and operational impacts. Track and complete all critical path Integrated Master Schedule (IMS) activities.

Due Date: 12/30/22

23Em.165A4 - Internal Target: Replacement of LaGuardia Airport (LGA) Approach Lighting Systems

Owner: Marie Kennington-Gardiner

Description: Support the replacement of LaGuardia Airport (LGA) Approach Lighting on RWY 4 and RWY 13 to help minimize operation impacts. Track and complete all critical path Integrated Master Schedule (IMS) activities scheduled in FY23.

Due Date: 09/30/23

23Em.165B - Internal Activity: AJT-E NY Operational Initiative

Owner: Rolando Caparas

Description: As identified with industry stakeholders, continue implementing operational initiatives at the New York Metropolitan airports.

Core Coordinated: Agreed

23Em.165B1 - Internal Target: Replacement of Teterboro Airport (TEB) RWY 19 Instrument Landing System (ILS)

Owner: Rolando Caparas

Description: Support replacement of Teterboro Airport (TEB) RWY 19 Instrument Landing System (ILS) to help minimize equipment and operational impacts. Track and complete all critical path Integrated Master Schedule (IMS) activities.

Due Date: 12/31/22

23Em.165C - Internal Activity: AJV-E NY Operational Initiative

Owner: Ryan Almasy

Description: As identified with industry stakeholders, continue implementing operational initiatives at the New York Metropolitan airports.

Core Coordinated: Agreed

23Em.165C1 - Internal Target: Replacement of LaGuardia Airport Approach Lighting System

Owner: Ryan Almasy

Description: Support the replacement of LaGuardia Airport (LGA) Approach Lighting on RWY 4 and RWY 13 to help minimize operation impacts. Track and complete all critical path Integrated Master Schedule (IMS) activities scheduled in FY23.

Due Date: 09/30/23

23Em.165C2 - Internal Target: Address Newark (EWG) and LaGuardia (LGA) Airspace Boundary Issues

Owner: Ryan Almasy

Description: Support development of procedural amendments to address Newark (EWR)/LaGuardia (LGA) airspace boundary issues by moving the ELVAE fix. ELVAE appears on 6 departure procedures: EWR: LIBERTY FIVE/NEWARK FOUR. TEB: TETERBORO THREE. MMU: MORRISTOWN SEVEN.

Due Date: 09/30/23

23Em.165C3 - Internal Target: Revisions to Newark (EWR) procedures to deconflict Teterboro (TEB) and Newark (EWR)

Owner: Ryan Almasy

Description: Support revisions to Newark (EWR) procedures to de-conflict - Teterboro (TEB) and Newark (EWR). Revisions to 6 EWR procedures will de-conflict - EWR with TEB RUUDY Standard Instrument Departure (SID) and reduce Traffic Alert and Collision Avoidance System/Resolution Advisories (TCAS/RA) events by moving the Final Approach Fix (FAF) closer in & raising the fix alt by 500ft. This will allow TEB departures to climb and avoid the EWR final.

Due Date: 09/30/23

23Em.167 - Internal Initiative: Develop Commercial Space Transportation Strategic Plan

Owner: Minh Nguyen

Description: Develop Strategic Plan for the Office of Commercial Space Transportation consistent with Department of Transportation and FAA Goals, Objectives, and Guidance

23Em.167A - Internal Activity: Commercial Space Transportation Strategic Plan

Owner: Dawn Toaso

Description: Develop Strategic Plan for the Office of Commercial Space Transportation

23Em.167A1 - Internal Target: Develop Strategic Plan for the Office of Commercial Space Transportation

Owner: Dawn Toaso

Description: Finalize a Strategic Plan for the Office of Commercial Space Transportation which incorporates the Goals, Objectives, and guidance of the Department of Transportation and FAA to include planning criteria for programs, resources, and manpower necessary to execute the AST strategic program.

Due Date: 03/31/23

23Em.167A2 - Internal Target: Enhance a Comprehensive Metrics Program

Owner: Dawn Toaso

Description: Enhance the metrics development program incorporating the Department, FAA, and AST Strategic Plans and the FAA and AST Business Plans to include wider participation and access across AST.

Due Date: 09/30/23

23Em.167A3 - Internal Target: Develop a Draft of a Requirements-Based Budget Programming Process for AST

Owner: Dawn Toaso

Description: Develop a draft requirements-based budget programming process to incorporate required capabilities derived from the AST Strategic Plan, a Requirements Documentation process and document format, and integration into a budget requirements submission

Due Date: 09/30/23

23Em.169 - Internal Initiative: Legal Services Supporting the Agency Compliance and Enforcement Program

Owner: Taneesha Marshall

Description: Prioritize and prosecute enforcement actions timely in accordance with the agency's safety goals by taking the first legal action in at least 70% of cases within 90 days of receipt by legal counsel and 85% within 180 days. Conduct 70% of informal conferences within 90 days of receipt of a respondent's request and 90% of informal conferences within 180 days.
Provide legal support for the compliance and enforcement activities of AVS, ASH, ARP, and AST, which include representing the agency before the NTSB, DOT, the FAA decision maker, and the Federal courts, providing timely and effective legal advice and policy document review in support of enforcement activities, and providing and assisting with training that improves the effectiveness of the agency's enforcement program.

23Em.169A - Internal Activity: Legal Services supporting the Agency Compliance and Enforcement Program

Owner: Taneesha Marshall

Description: Provide legal services supporting the Agency Compliance and Enforcement Program

23Em.169A1 - Internal Target: First Legal Action

Owner: Taneesha Marshall

Description: Take first legal action (initiate case, transmit case alert to headquarters, return case to program office, take other significant action (EIS legal event code 20)) in at least 70% of cases within 90 days of receipt by a legal counsel and 85% within 180 days.

Due Date: 09/30/23

23Em.169A2 - Internal Target: Monitor and Report

Owner: Taneesha Marshall

Description: Monitor and report results for each Field Enforcement Team, AGC-300 HQ. Due quarterly and final report due at the end of the fiscal year.

Due Date: 09/30/23

23Em.169A3 - Internal Target: Target 1 Accountability

Owner: Taneesha Marshall

Description: If any Team or AGC-300 HQ does not meet Activity Target 1 over two consecutive quarters, evaluate and determine the root cause of the lapse and make adjustments as necessary to achieve timely prosecution of legal enforcement actions. Due at close of second quarter, if necessary, and final report due at the end of the fiscal year

Due Date: 09/30/23

23Em.169A4 - Internal Target: Efficient Processing of Enforcement Actions

Owner: Taneesha Marshall

Description: Process legal enforcement cases efficiently by conducting 70% of informal conferences with 90 days of receipt of a respondent's request and 90% within 180 days.

Due Date: 09/30/23

23Em.169A5 - Internal Target: New Attorney Training

Owner: Taneesha Marshall

Description: Develop and initiate standardized training on the fundamental areas of the Enforcement Practice and the Aviation Tort Litigation Practice for new attorneys within 30 days of joining the Aviation Litigation Division and throughout the Fiscal Year. Assign a mentor attorney to each new attorney within 60 days of joining the Aviation Litigation Division. Provide training and/or mentor opportunities to all J and K band attorneys throughout the fiscal year.

Due Date: 09/30/23

23Em.169A6 - Internal Target: Integration of Enforcement and Tort Litigation Work Portfolios for Division Attorneys

Owner: Taneesha Marshall

Description: Provide recurrent training for Division attorneys on Enforcement and Tort Litigation practice areas as necessary.

Due Date: 09/30/23

23Em.169A7 - Internal Target: Provide recurrent training for Division attorneys on Enforcement and Tort Litigation practice areas as necessary.

Owner: Taneesha Marshall

Description: Description: Assign 10% of Enforcement Practice attorneys at least one tort litigation matter (either a part 9 request, administrative tort claim (e.g., minor car accident claim) or Bivens or Westfall claim against FAA employee); and assign each Tort Litigation Practice attorney at least one civil penalty assessment case.

Due Date: 09/30/23

23Em.169A8 - Internal Target: Appellate reporting

Owner: Daphne Fuller

Description: Within 45 days of end of the first three quarters, provide practice attorneys with written summaries of judicial decisions in cases where the FAA is a party to the litigation or where the decision may have a direct impact on future Agency Litigation handled by AGC-300.

Due Date: 09/30/23

23Em.170 - Internal Initiative: Provide Legal Analysis of Agency Regulations and Documents Associated with Existing Regulations

Owner: Lorelei Peter

Description: Provide legal analysis of agency regulations to Office of Rulemaking and program offices and provide the regulated community with timely guidance.

23Em.170A - Internal Activity: Provide Legal Services on Agency Rulemaking

Owner: Lorelei Peter

Description: Provide legal advice, representation, policy guidance, and legal sufficiency reviews relating to rulemaking.

23Em.170A1 - Internal Target: Rulemaking

Owner: Sara Mikolop

Description: The division meets the milestones approved by the Rulemaking Council, unless projects are placed on hold for AGC due to prioritization of other projects.

Due Date: 09/30/23

23Em.170A2 - Internal Target: Training and Professional Development

Owner: Sara Mikolop

Description: Develop plan for attorneys to work on projects outside their respective branches that facilitates cross-training and professional development.

Due Date: 09/30/23

23Em.170A3 - Internal Target: Timely Legal Review

Owner: Sara Mikolop

Description: AGC-200 will respond within 30 days to 80 percent of the petition for exemption projects submitted by ARM with either concurrence or return the package with explanation of why concurrence cannot be given.

Due Date: 09/30/23

23Em.171 - Internal Initiative: Provide Internal Recurrent Training to AGC-400 Staff

Owner: Alexandra Randazzo

Description: Conduct regular and internal Training for AGC-400 Staff.

23Em.171A - Internal Activity: Establish Yearly Training Sessions

Owner: Alexandra Randazzo

Description: Continue In-House Training Sessions in AGC-400.

23Em.171A1 - Internal Target: Annual Training Sessions

Owner: Alexandra Randazzo

Description: Using the 400 staff and relevant stakeholders, continue providing yearly training on the various topics that the staff handles to the full 400 staff (e.g., FOIA processing, FOIA exemptions, Intellectual Property, Privacy Act, COPPA, PRA, and Aircraft Registry, etc.). Topics will vary year to year based on need. Continue yearly training sessions to reoccur each year thereafter.

Due Date: 09/30/23

23Em.171B - Internal Activity: Establish Recurrent Litigation Training

Owner: Daphne Fuller

Description: Assess AGC training needs in collaboration with the Operating Division. Continue to develop and provide trial and appellate litigation skills training to AGC counsel.

23Em.171B1 - Internal Target: Continue to develop trial and appellate litigation skills the training

Owner: Daphne Fuller

Description: Collaborate with senior and experienced litigation attorneys and stakeholders to develop training, to enhance skills of attorneys in coordination with litigation attorneys in practice areas across AGC.

Due Date: 09/30/23

23Em.171B2 - Internal Target: Schedule and provide training sessions

Owner: Daphne Fuller

Description: Schedule and provide training to AGC attorneys focused on litigation skills in at least three critical areas.

Due Date: 09/30/23

23Em.172 - Internal Initiative: Inter-Agency Cybersecurity Task Force

Owner: Mary Mason

Description: Coordinate and assist in the FAA's response to DOT, DHS, and NSC requests pertaining to cybersecurity.

23Em.172A - Internal Activity: Coordinate with the Inter-Agency Cybersecurity Task Force

Owner: Mary Mason

Description: Coordinate and assist in the FAA's response to DOT, DHS, and NSC requests pertaining to cybersecurity.

23Em.172A1 - Internal Target: Inter-Agency Cybersecurity Task Force

Owner: Russell Christensen

Description: Coordinate and assist in the FAA's response to DOT, DHS, and NSC requests pertaining to cybersecurity initiatives and policy documents, reports to congress, hearings, round tables and other inter-agency policy matters.

Due Date: 09/30/23

23Em.173 - Internal Initiative: Employment and Labor Law

Owner: Brett Daee

Description: In support of the agency's objective of building and enhancing our high performance workforce, AGC continues to support the numerous agency-wide strategic initiatives and provide legal services in support of the administrative activity of the agency. The largest legal practice group within this goal area is our employment and labor law office (AGC-100) Attorneys represent the agency before the Equal Employment Opportunity Commission (EEOC), Merit System Protection Board (MSPB) and assist with federal litigation at all stages. AGC-100 attorneys provide advice and guidance to the Administrator and primary client offices on personnel, labor, civil rights, and equal employment opportunity matters. They also counsel on ways to minimize the legal risks relating to employment decisions and policy. Additionally, AGC-100 supports employee indebtedness proceedings, FOIA and ethics.

23Em.173A - Internal Activity: Air Traffic Control Specialist (ATCS) Hiring Process

Owner: Brett Daee

Description: Provide advice to continuously improve the ATCS hiring process to deliver innovative and defensible strategies to recruit, assess, hire, and train ATCS.

23Em.173A1 - Internal Target: Air Traffic Control Specialist (ATCS) Hiring Process

Owner: Brett Daee

Description: Provide timely legal support for FAA efforts in FY2023 to recruit, assess, hire and train ATCS. Support focuses on internal management, administrative processes, and improvement for the FY2021 ATCS recruitment.

Due Date: 09/30/23

23Em.173A2 - Internal Target: Collaboration with HR and ATO

Owner: Brett Daee

Description: Collaborate with Human Resources and ATO to innovate recruitment and hiring process. Participate in the executive steering committee to discuss ATCS hiring initiatives.

Due Date: 09/30/23

23Em.173B - Internal Activity: Training for Managers, Attorneys and Staff

Owner: Brett Daee

Description: Make training available to managers, attorneys and staff to increase and continuously improve the skills, level of knowledge and professional development.

23Em.173B1 - Internal Target: Establish Team

Owner: Brett Daee

Description: Reestablish a team of employment managers and attorneys to review and evaluate existing training options that take into account and complement new AGC-10 training initiatives. The team will consider the source (i.e. internal, external), method, frequency, and value of different training options focusing on the needs of the employment practice.

Due Date: 09/30/23

23Em.173B2 - Internal Target: Workgroup Deliverable

Owner: Brett Daee

Description: The team will provide a recommendation to the Assistant Chief Counsel and Deputy Assistant Chief Counsel regarding skill and knowledge based training.

Due Date: 09/30/23

23Em.173C - Internal Activity: Identify and Monitor Emerging and Key Areas of Law

Owner: Brett Daee

Description: Ensure highest quality of service and knowledge. Provide growth and developmental opportunities for attorneys. Hone analytic and presentation skills.

23Em.173C1 - Internal Target: Emerging and Key Areas of Law

Owner: Brett Daee

Description: Establish process within each of the five teams to identify and monitor emerging and key areas of law.

Due Date: 09/30/23

23Em.173C2 - Internal Target: Meeting Schedule

Owner: Brett Daee

Description: Schedule at least monthly Employment Law Updates ("MELT") to share a concise overview of emerging and key areas of law. Each team will provide an overview of one emerging or key area.

Due Date: 09/30/23

23Em.173D - Internal Activity: Track Adverse Administrative Decisions (FAA Specific)

Owner: Brett Daee

Description: Continue to track and review EEOC findings of discrimination and MSPB decisions that failed to sustain the Agency's action. Share these topics with the training team.

23Em.173D1 - Internal Target: Track Adverse Administrative Decisions (FAA Specific)

Owner: Brett Daee

Description: Track adverse EEOC and MSPB decisions on a quarterly basis. Due September 30, 2023.

Due Date: 09/30/23

23Em.173D2 - Internal Target: Lessons Learned

Owner: Brett Daee

Description: Brief decision and any lessons learned during monthly Employment Law Team meetings.

Due Date: 09/30/23

23Em.173E - Internal Activity: Training for Client Offices (External)

Owner: Brett Daee

Description: Continue and Improve Collaboration with Client and Support Offices.

23Em.173E1 - Internal Target: Client Outreach

Owner: Brett Daee

Description: Team managers establish and schedule quarterly meetings with their key clients in the field to ensure customer service needs are met and that AGC-100 centric regional responsibilities are satisfied. The Asst. Chief and/or Deputy will attend at least one field meeting per quarter to provide support to team managers. During these meetings, managers will provide a briefing consisting of wins, loses, trends, upcoming training offerings, and address client concerns/issues of the key client and support offices.

Due Date: 09/30/23

23Em.173E2 - Internal Target: Proactive Training

Owner: Brett Daee

Description: Update and refine the catalog of specialized training offerings and proactively engage LOBs/SOs to participate in the trainings. Additionally, establish recurring training sessions that clients can attend and know about in well in advance.

Due Date: 09/30/23

23Em.173E3 - Internal Target: Internal Roster of Attorney-Trainers

Owner: Brett Daee

Description: Identify and develop mid-career and experienced attorneys to provide training to LOBs/SOs.

Due Date: 09/30/23

23Em.173E4 - Internal Target: Customer Service Feedback

Owner: Brett Daee

Description: Bi-annually engage the five LOBs for a high-level discussion of client satisfaction with legal services provided by AGC-100.

Due Date: 09/30/23

23Em.173F - Internal Activity: Monitor and Maintain Effort to Reduce Use of Outside Counsel.

Owner: Brett Daee

Description: Reduce reliance on outside counsel for administrative class actions and complex litigation

23Em.173F1 - Internal Target: Reduce Use of Outside Counsel

Owner: Brett Daee

Description: Continue to monitor, implement and modify, as necessary, plan to reduce use and role of outside counsel.

Due Date: 09/30/23

23Em.173F2 - Internal Target: Develop and Train Internal Resources

Owner: Brett Daee

Description: Develop in-house attorney(s) charged with representing the FAA in the class action and complex litigation. Continue to train and mentor internal resources (attorneys and support) staff) on the handling of class action litigation

Due Date: 09/30/23

23Em.173F3 - Internal Target: Expand Pool of Attorneys Able to Support Class Action Matters

Owner: Brett Daee

Description: Use current class action specialist lawyers to develop SOPs and training materials that can be used to train non-specialist staff attorneys in the practice.

Due Date: 09/30/23

23Em.174 - Internal Initiative: Manage Ethics Program and Related Legal Services

Owner: Russell Christensen

Description: Provide management of the Ethics Program and related legal services.

23Em.174A - Internal Activity: Manage Ethics Program and Related Legal Services

Owner: Russell Christensen

Description: Provide training to Agency Ethics Program Coordinators (EPCs).

23Em.174A1 - Internal Target: EPC Training

Owner: Russell Christensen

Description: Provide training as necessary to EPCs on their respective program management duties under Order 3750.7B throughout the calendar year; with a special training emphasis on their duties and responsibilities prior to the opening of the annual confidential financial disclosure reporting cycle. December 31, 2020 and September 30, 2021.

Due Date: 09/30/23

23Em.174B - Internal Activity: Order Update

Owner: Russell Christensen

Description: Update Order 3750.7A - Ethical Conduct and Financial Disclosure Program.

23Em.174B1 - Internal Target: Order Update

Owner: Russell Christensen

Description: With the rapid commercialization of new technologies that continue to bring new business interests, business arrangements, products, and services within the purview of the agency's regulatory authority, conduct an internal review of the agency's list of prohibited financial investments (a.k.a. "the 6001 list") applicable to all 45,000 plus agency employees to determine its completeness. Recommend to the Agency's Deputy Ethics Official and Chief Counsel updates to Order 3750.7A and its various appendices based upon this review and other changes to the Agency's organizational structure.

Due Date: 09/30/23

23Em.174C - Internal Activity: Ethics Training

Owner: Russell Christensen

Description: Train and educate employees on the Standards of Conduct for Employees of the Executive Branch and their implementing orders, regulations, and policies.

23Em.174C1 - Internal Target: Ethics Training

Owner: Russell Christensen

Description: Provide ethics training and education to specifically targeted and requesting lines-of-business.

Due Date: 09/30/23

23Em.174D - Internal Activity: Track Adverse Administrative Decisions (FAA Specific)

Owner: Brett Daee

Description: Continue to track and review EEOC findings of discrimination and MSPB decisions that failed to sustain the Agency's action. Memorialize analysis of same into materials to be used at as lessons learned meetings and for use by the AGC-100 .

23Em.174D1 - Internal Target: Recurring Event Topic Sheets

Owner: Brett Daee

Description: Identify and develop topic sheets to address common ethics issues arising from invitations to recurring events. Review existing, and where necessary develop, general ethics topic information guidance used to address the most frequently occurring questions regarding ethical initiatives and events.

Due Date: 09/30/23

23Em.175 - Internal Initiative: Acquisition & Commercial Law Services Division Support of Strategic Initiative: Workforce of the Future

Owner: Mark Teskey

Description: Provide legal support for acquisition workforce training needed to achieve the Workforce of the Future Strategic Initiative and other high priority goals. In particular, this Core Initiative supports the Workforce of the Future Aspiration to drive results and deliver on services and assignments. The Division's staff provides training to the FAA's Acquisition Workforce

23Em.175A - Internal Activity: Training in Key Acquisition Disciplines

Owner: Mark Teskey

Description: Train and develop personnel in key acquisition disciplines to ensure FAA has sufficient numbers of skilled acquisition professionals (current and pipeline) to successfully manage acquisitions.

23Em.175A1 - Internal Target: Acquisition Training

Owner: Mark Teskey

Description: Provide localized, topic-focused training to designated acquisition professionals on specific topics of interest at least once per quarter (December, March, June and September). The topics and format of training will be determined in consultation with Acquisition and Contracting (ACQ) and the Program Management Office (PMO).

Due Date: 09/30/23

23Em.175A2 - Internal Target: Develop Training

Owner: Mark Teskey

Description: Develop a training program for new and experienced attorneys involving the unique flexibilities of the Acquisition Management System (AMS). Refine a list of topics (curriculum) and provide at least one course.

Due Date: 09/30/23

23Em.176 - Internal Initiative: Legislative Legal Services

Owner: Matthew Vachon

Description: Provide management of timely legislative legal services to senior leadership.

23Em.176A - Internal Activity: Legislative Legal Services

Owner: Matthew Vachon

Description: Advise and assist agency leadership with appropriate response to congressional requests. .

23Em.176A1 - Internal Target: Congressional Hearings and Roundtables

Owner: Matthew Vachon

Description: Assist in agency preparations for Congressional hearings and roundtables, including drafting and reviewing of witness testimony, participating in witness preparation meetings, and drafting or coordinating responses to questions for the record (QFR), inserts for the record, and correcting the formal transcripts.

Due Date: 09/30/23

23Em.176A2 - Internal Target: Legislative Implementation Plans

Owner: Matthew Vachon

Description: Assist in monitoring the execution of the legislative implementation plan for the 2018 Reauthorization Act. Provide legal advice on requirements imposed by the legislation and assist in responding to congressional requests concerning status of specific legislative items.

Due Date: 09/30/23

23Em.176A3 - Internal Target: Tracking Legislative Proposals

Owner: Matthew Vachon

Description: Track pending congressional legislative proposals, stay apprised of legislative activities and priorities of authorizing committees, and advise agency leadership on potential impacts of pending legislation.

Due Date: 09/30/23

23Em.176A4 - Internal Target: Advise Agency Leaders

Owner: Matthew Vachon

Description: Advise agency leaders about legal and resource implications regarding legislative proposals and enacted laws.

Due Date: 09/30/23

23Em.176A5 - Internal Target: Technical Assistance Requests

Owner: Matthew Vachon

Description: Respond to all requests for technical assistance and provide follow-up support as needed for member offices or committee staff as appropriate.

Due Date: 09/30/23

23Em.176A6 - Internal Target: General Legislative Legal Services and Coordination

Owner: Matthew Vachon

Description: Provide general legislative legal services and coordination support regarding any other congressional requests in the form of formal correspondence or informal request for information or documentation.

Due Date: 09/30/23

23Em.177 - Internal Initiative: Coordinate with OST on Agency Reauthorization Legislative Package

Owner: Matthew Vachon

Description: Coordinate with FAA offices, and OST to lead the clearance of FAA legislative proposals included in the FAA reauthorization package to address agency legislative priorities.

23Em.177A - Internal Activity: Provide Technical Assistance and Drafting Support to OST on OST initiatives identified for inclusion in the FAA Reauthorization package.

Owner: Matthew Vachon

Description: Coordinate with OST on their legislative needs with respect to proposals that OST has identified for inclusion in the FAA reauthorization package.

23Em.177A1 - Internal Target: Coordination with OST-X and OGC/C-70 on drafting proposals.

Owner: Matthew Vachon

Description: Support agency priorities by reaching out to OST-X and C-70 to identify and understand legislative support needs.

Due Date: 09/30/23

23Em.177A2 - Internal Target: Coordinate with OST/OGC on FAA clearance of OST Proposals

Owner: Matthew Vachon

Description: Support Departmental and Agency legislative priorities by coordinating with OST on clearance of their legislative proposals and follow-on coordination with OMB and the interagency process on the FAA reauthorization package broadly.

Due Date: 09/30/23

23Em.177A3 - Internal Target: Identify Potential Legislative Vehicles

Owner: Matthew Vachon

Description: Coordinate as necessary with committee staff, OST, and/or OMB to identify and engage the appropriate process and legislative vehicle to advance agency legislative proposals.

Due Date: 09/30/23

23Em.177B - Internal Activity: Support the Department and Intra-Departmental Legislative Efforts

Owner: Matthew Vachon

Description: Support the Department and Intra-Departmental Legislative Efforts

23Em.177B1 - Internal Target: Coordination of Responses

Owner: Matthew Vachon

Description: Coordinate FAA's response to requests from the Department pursuant to the Legislative Referral Memorandum (LRM) and other inter-agency processes.

Due Date: 09/30/23

23Em.177B2 - Internal Target: Response to Other (non-LRM) Deparmental Requests

Owner: Matthew Vachon

Description: Coordinate and assist in the FAA's response to Departmental requests pertaining to Executive Branch policy documents, reports to Congress, hearings, round tables and other legislative policy matters.

Due Date: 09/30/23

23Em.178 - Internal Initiative: Information Law Division

Owner: Alexandra Randazzo

Description: Update Information Law Management Training with Expanded Information Law Topics, as appropriate, and provide training to LOBs/SOs.

23Em.178A - Internal Activity: Update Training Information Law Management training, and Provide Training to LOBs/SOs

Owner: Alexandra Randazzo

Description: Update, As Necessary, and Provide Training to LOBs/SOs.

23Em.178A1 - Internal Target: Once updated, Resume Information Law Management Training Sessions

Owner: Alexandra Randazzo

Description: Schedule and broadcast at least three sessions to FAA workforce, and provide training as scheduled.

Due Date: 09/30/23

23Em.178A2 - Internal Target: Client Priorities

Owner: Alexandra Randazzo

Description: Ensure that information law services are provided in a manner that reflects agency and primary client priorities.

Due Date: 09/30/23

23Em.178A3 - Internal Target: Identify Priorities of Primary Clients

Owner: Alexandra Randazzo

Description: Meet with primary clients to identify priorities, define the legal support needed to advance those priorities, obtain client feedback on support provided, and, as necessary, reassess services being provided. Provide report to AGC-2 and AGC-3, and as necessary, to AGC-1.

Due Date: 09/30/23

23Em.180 - Internal Initiative: Alternative Dispute Resolution (ADR) Efficiency

Owner: Cheryl Wilkes

Description: Promoting the timely completion of all ADR activities to include settlement, review and signature before the 90th day.

23Em.180A - Internal Activity: ADR Coordination

Owner: Cheryl Wilkes

Description: Coordinate with the LOBs/SOs to encourage its workforce to resolve disputes in an amicable way by utilizing the ADR process and ensure that managers engage in mediation when requested by employees.

23Em.180A1 - Internal Target: Corporate ADR Engagement Goal-Shared

Owner: Cheryl Wilkes

Description: Assist with Agency effort on ADR engagement by ensuring 70% of all managers engage in mediation when requested by employees.

Due Date: 09/30/23

23Em.180A2 - Internal Target: ADR Tracking

Owner: Cheryl Wilkes

Description: Track Agency mediation and resolution rates, present this data at the EAC meetings and produce a final ADR engagement and resolution report.

Due Date: 09/30/23

23Em.180B - Internal Activity: Civil Rights Scheduler Tool

Owner: Cheryl Wilkes

Description: In FY23, achieve 95% of all EEO Informal cases will be processed using the Civil Rights Scheduler Database.

23Em.180B1 - Internal Target: Civil Rights Scheduler Tool - Evaluation

Owner: Cheryl Wilkes

Description: Monitor and evaluate Civil Rights Scheduler through the use of key performance indicators. Measurements to be collected and calculated during March 2023 and August 2023 provided by licensees.

Due Date: 08/31/23

23Em.180B3 - Internal Target: Civil Rights Scheduler Tool - Staff Training

Owner: Cheryl Wilkes

Description: Administer ACR staff training for the Civil Rights Scheduling Tool. Quarterly training events to take place for all licensees with 90% participation and engagement. Engagement to be measured by surveys completed following each training event.

Due Date: 08/31/23

23Em.181 - Internal Initiative: Management Directive 715 (MD-715)

Owner: Kasandra Styles

Description: Prepare the annual Equal Employment Opportunity Commission (EEOC) MD-715 Report for submission to the EEOC and continue to monitor Agency accomplishments.

23Em.181A - Internal Activity: MD-715 Coordination

Owner: Kasandra Styles

Description: Prepare and submit the annual EEOC MD-715 report.

23Em.181A1 - Internal Target: Collaboration & prepare

Owner: Kasandra Styles

Description: Collaborate with LOB/SOs to receive input and prepare the MD 715 Report with target input requests for the Best Practices by 31 December 2022.

Due Date: 12/31/22

23Em.181A2 - Internal Target: Submit MD-715 Report

Owner: Kasandra Styles

Description: Submit annual EEOC MD-715 report to EEOC by 02/28/2023 or EEOC's extension date.

Due Date: 02/28/23

23Em.181A3 - Internal Target: State of EEO

Owner: Kasandra Styles

Description: Prepare the annual State of EEO briefing by 09/30/2023

Due Date: 09/30/23

23Em.181C - Internal Activity: Civil Rights Directors MD-715 Assessments

Owner: Kasandra Styles

Description: Responsible Civil Rights Directors (CRD) will conduct EEO Assessments and follow-ups to ensure compliance with EEO laws, policies and regulations.

23Em.181C1 - Internal Target: Facility Selection

Owner: Kasandra Styles

Description: Identify the four (4) facilities to conduct the MD 715 EEO assessments and conduct (4) facility follow-up assessments.

Due Date: 09/30/23

23Em.181C2 - Internal Target: Conduct MD-715 Assessments

Owner: Kasandra Styles

Description: Conduct four (4) MD 715 Facility Assessments and conduct the (4) follow-up assessments.

Due Date: 09/30/23

23Em.182 - Internal Initiative: EEO Complaint Services - Improved Customer Experience

Owner: Cheryl Wilkes

Description: Ensure a customer-focused environment to better satisfy the needs of our customers and to improve the quality of the organization's products and services through innovative programs, accountability in processes and services, and customer experience integration.

23Em.182A - Internal Activity: Management of the ACR Customer Feedback Database

Owner: Cheryl Wilkes

Description: Maintain ACR Customer Feedback Database to assess and ensure internal and external services provided are meeting customer expectations.

23Em.182A1 - Internal Target: Customer Feedback

Owner: Cheryl Wilkes

Description: Internal and External EEO Specialists will provide customer service feedback link to their customers within 3 business days after the completion of the service, and will have documented such occurrences via email.

Due Date: 09/30/23

23Em.182A2 - Internal Target: Mid-Year Report

Owner: Cheryl Wilkes

Description: Complete mid-year report on feedback.

Due Date: 05/31/23

23Em.182A3 - Internal Target: Training

Owner: Cheryl Wilkes

Description: Provide annual refresher Feedback Database training to ACR users.

Due Date: 09/30/23

23Em.182A4 - Internal Target: End of Year Report

Owner: Cheryl Wilkes

Description: Complete annual report for feedback.

Due Date: 09/30/23

23Em.182B - Internal Activity: ISO Certification

Owner: Cheryl Wilkes

Description: National Complaint Services will maintain the ISO Quality Management System (QMS) for the National Intake and EEO Pre-Complaint process (EEO Counselling and Alternative Dispute Resolution (ADR)) to ensure consistent delivery of quality services and maintain conformance to QMS.

23Em.182B1 - Internal Target: ISO Maintenance

Owner: Cheryl Wilkes

Description: Complete internal audits for maintenance of International Organization for Standardization (ISO) 9001:2015.

Due Date: 09/30/23

23Em.182B2 - Internal Target: ISO Training

Owner: Cheryl Wilkes

Description: Conduct Quality Management System (QMS) training, as required to maintain quality standards.

Due Date: 09/30/23

23Em.182B3 - Internal Target: ISO Audit

Owner: Cheryl Wilkes

Description: Complete external surveillance audit for maintenance of International Organization for Standardization (ISO) 9001:2015.

Due Date: 09/30/23

23Em.185 - Internal Initiative: Airport and Environmental Law Services to Build the National Airspace System of the Future

Owner: Patrick Wells

Description: Provide legal advice and guidance to assist the Office of Airports (ARP), Air Traffic Organization (ATO), Office of Commercial Space (AST), Office of Aviation Safety (AVS), UAS Integration Office (AUS) and other lines of business to build the national airspace system of the future by completing review of environmental documents for projects to increase efficiency or capacity within 30 days of receipt of a technically adequate and complete document. Airport and other environmental legal services will be provided in accordance with agency strategic initiatives to make aviation safer and smarter and deliver benefits through technology and infrastructure. Collaborate across lines of business to provide excellent representational legal services and training to maintain the effectiveness of agency airport and environmental programs.
Support strategic initiatives to increase airport and system capacity and Next Generation system capability. Complete timely and effective legal reviews for infrastructure modernization and military special use airspace projects. Assist in formulating and implementing policies, strategies, and best practices to advance aviation in an environmentally responsible and sustainable manner, including consideration of. equity, environmental justice and reduction of greenhouse gas emissions. Provide timely legal services to help the Office of Airports maintain the safety and sustainability of US airports and maintain airport infrastructure that benefits the National Airspace System.

23Em.185A - Internal Activity: Client Priorities and Provide Timely Legal Services to Office of Airports, Air Traffic Organization, Office of Commercial Space, and the Office of Aviation Safety

Owner: Patrick Wells

Description: Ensure that airport and environmental law services are provided in a manner that reflects agency and primary client priorities.

23Em.185A1 - Internal Target: Identify Priorities of Primary Clients

Owner: Patrick Wells

Description: Description: Meet with primary clients (e.g. ARP, ATO, AST, AVS, AFS, UAS, AEE) to identify priorities, define the legal support needed to advance those priorities, obtain client feedback on support provided, and, as necessary, reassess services being provided. Provide summary report to AGC-1 and AGC-2.

Due Date: 09/30/23

23Em.185A2 - Internal Target: Judicial Decision Summaries

Owner: Patrick Wells

Description: Within 30 days of a judicial decision, provide client offices with written summaries of judicial decisions in airport and environmental cases where the FAA is a party to the litigation or where the decision may have a direct impact on future FAA actions.

Due Date: 09/30/23

23Em.185B - Internal Activity: Provide Timely Legal Review of NEPA Documents

Owner: Patrick Wells

Description: Support timely completion of NEPA documents to fulfill strategic initiatives to make aviation safer and smarter and deliver benefits through technology and infrastructure

23Em.185B1 - Internal Target: Legal Review of Complete NEPA Documents

Owner: Patrick Wells

Description: Except as set forth in Targets 2 and 3 below, or in connection with the review of environmental assessments for proposed RNAV/RNP projects, complete legal review of technically adequate and complete NEPA documents within 30 days or within a mutually agreed upon time. If the program office has not provided sufficient time for adequate legal review, the assigned attorney will notify the program office and will complete the review no later than within 30 days of receipt.

Due Date: 09/30/23

23Em.185B2 - Internal Target: Legal Sufficiency Review of EISs for Airport Projects

Owner: Patrick Wells

Description: Complete legal sufficiency review of 95% preliminary EISs and EAs for airport projects at core airports and capacity-constrained airports within 30 working days of receipt of a technically adequate and complete document.

Due Date: 09/30/23

23Em.185B3 - Internal Target: Legal Sufficiency Review of Preliminary Environmental Documents

Owner: Patrick Wells

Description: Complete legal sufficiency review of preliminary environmental documents for all other airport projects will be completed within 30 working days of receipt of a technically adequate and complete document 75% of the time.

Due Date: 09/30/23

23Em.185B4 - Internal Target: Legal Support - Metroplex Airport Development

Owner: Patrick Wells

Description: Provide legal support on the development of community outreach strategies associated with airport development, infrastructure, and RNAV/PBN procedure projects.

Due Date: 09/30/23

23Em.185C - Internal Activity: Policy and Guidance Information for NEPA Compliance Support

Owner: Patrick Wells

Description: Provide legal support for policy and guidance on the requirements on the National Environmental Policy Act and related natural and cultural resource issues.

23Em.185C1 - Internal Target: Legal Support - AEE

Owner: Patrick Wells

Description: Provide legal support for AEE's noise policy research. Assist AEE in developing responses to comments and provide legal sufficiency review for any order revisions that may result

Due Date: 09/30/23

23Em.185C2 - Internal Target: Internal Target: Legal Support—AEE

Owner: Patrick Wells

Description: Provide legal support for AEE's revision to Order 1050.1F, Environmental Impacts: Policies and Procedures, and related orders and documents. Assist AEE in ensuring that revisions to the order are consistent with new NEPA regulations and reflect case law.

Due Date: 09/30/23

23Em.185D - Internal Activity: Provide Guidance and Coordinate FAA Sustainability Efforts

Owner: Patrick Wells

Description: Provide timely legal services that support remediation of sites where federal activities have resulted in environmental contamination.

23Em.185D1 - Internal Target: Legal Services that Support Remediation of Sites

Owner: Patrick Wells

Description: Provide documentation for administrative orders on consent, consent decrees, settlement agreements, and other legal documents necessary to memorialize legal obligations and agreements entered into by the agency

Due Date: 09/30/23

23Em.185E - Internal Activity: Timely and Effective Provision of Representational Legal Services

Owner: Patrick Wells

Description: Provide timely and effective representational legal services to deliver benefits through technology and modernized National Airspace System infrastructure.

23Em.185E1 - Internal Target: Petition for Review or Complaint

Owner: Patrick Wells

Description: Within 30 days of receiving a petition for review or complaint, contact the U.S. Department of Justice attorney assigned to the matter to provide an overview of the key issues in the case and to discuss the support to be provided by AGC.

Due Date: 09/30/23

23Em.185E2 - Internal Target: Review of Petitioner's Initial Briefs

Owner: Patrick Wells

Description: Review petitioners' initial briefs within 2 weeks of receipt and provide written comments on the accuracy of the statement of facts, with references to the administrative record.

Due Date: 09/30/23

23Em.185E3 - Internal Target: Department of Justice Coordination

Owner: Patrick Wells

Description: Assist the U.S. Department of Justice attorney in drafting respondents' briefs, as requested, within 10 business days of the request.

Due Date: 09/30/23

23Em.185E4 - Internal Target: Review Petitioner's Reply Briefs

Owner: Patrick Wells

Description: Review petitioners' reply briefs and provide any appropriate additional analysis and comments, with references to the administrative record at least ten days before oral argument is held. Participate in moot courts to help the Department of Justice attorney prepare for oral arguments.

Due Date: 09/30/23

23Em.186 - Internal Initiative: Ensure the Nation's System of Airports Has the Right Technology and Infrastructure to Support Evolving Needs

Owner: Patrick Wells

Description: Ensure the nation's system of airports has the right technology and infrastructure to support evolving needs.

23Em.186A - Internal Activity: Align Airport Infrastructure and Air Traffic Procedures with Current and Anticipated Demand

Owner: Patrick Wells

Description: Form strong relationships with clients to facilitate the provision of counseling and legal services that support and enhance the client's work. Create policy guidance.

23Em.186A1 - Internal Target: Legal Support to ARP, ATO, AEEE, AVS and AST - Orders

Owner: Patrick Wells

Description: Provide legal support to ARP, ATO, AEE, AVS, AST and other lines of business on the revision of FAA Orders and similar documents, including advisory circulars and handbooks, as appropriate or as needed. Provide written comments within 30 days of receipt of a complete stand-alone section or within 90 days of receipt of the complete order.

Due Date: 09/30/23

23Em.186A2 - Internal Target: Part 16

Owner: Patrick Wells

Description: Part 16. Complete legal review of 95% of draft Part 16 orders submitted to AGC within 30 days of receipt of a complete document.

Due Date: 09/30/23

23Em.186A3 - Internal Target: Legal Support to ARP - Policies

Owner: Patrick Wells

Description: Provide legal support to ARP on the revision or promulgation of FAA policies that ARP desires to promulgate or update. Provide written comments within 30 days of receipt of a complete stand-alone section or within 90 days of receipt of the complete policy statement.

Due Date: 09/30/23

23Em.186B - Internal Activity: Legal Support to ARP, AUS, AVS, ATO and AST – New Entrants Guidance

Owner: Patrick Wells

Description: Provide legal support to ARP, AUS, AVS, ATO and AST in developing policies or guidance related to the integration of new entrants into the operations of airports.

23Em.186B1 - Internal Target: Legal Support for New Entrants Guidance

Owner: Patrick Wells

Description: Provide legal support to ARP, AUS, AVS, ATO and AST in developing policies or guidance related to the integration of UAS, commercial space vehicles, and other new entrants into the operations of airports. Provide comments, approvals or legal opinions within 60 days of client submission or request.

Due Date: 09/30/23

23Em.186C - Internal Activity: Develop Airports & Environmental Law Training

Owner: Patrick Wells

Description: Develop internal recurrent training for Airports and Environmental Law.

23Em.186C1 - Internal Target: Recurrent Internal Airports & Environmental Law Training

Owner: Patrick Wells

Description: Establish Biannual Internal Training for AGC-600 attorneys lasting two to three days, for Airports and Environmental Law, to ensure AGC-600 can address evolving needs of the nation's system of airports. The various topics should be related to AGC-600 current and future work.

Due Date: 09/30/23

23Em.187 - Internal Initiative: Telecommunications/Spectrum Law Services In Support of the Strategic Initiative: NAS and Deployment of Innovation

Owner: Daphne Fuller

Description: In the area of telecommunications/spectrum law, provide strategic oversight for legal advice and represent the Agency interests relating to FAA, Federal Communications Commission (FCC), and National Telecommunications Information Agency (NTIA) rulemaking, reallocation and sharing of government spectrum, unmanned aerial systems, and FAA acquisition of systems and services.

23Em.187A - Internal Activity: Telecommunications/spectrum law services in support of the strategic initiative: NAS and deployment of innovation

Owner: Daphne Fuller

Description: Provide legal services to accelerate and expand deployment of new technologies and promote innovations that enhance the safety and performance of the Nation's air transportation system (NAS) such as integration of unmanned aircraft systems into the NAS.

23Em.187A2 - Internal Target: Government wide collaboration and assistance

Owner: Daphne Fuller

Description: Assist the FAA in developing a potential enterprise wide spectrum policy and addressing FCC decisions relating to 5G wireless access with potential adverse impacts on aviation spectrum.

Due Date: 09/30/23

23Em.187A3 - Internal Target: Legal Sufficiency of FAA Recommendations

Owner: Daphne Fuller

Description: Assure the legal sufficiency of the FAA recommendations and strategy in, and stakeholder consultation for, the Report to Congress on use of spectrum by unmanned aircraft systems. This report is pursuant to Section 374 of the 2018 FAA Reauthorization Act.

Due Date: 09/30/23

23Em.188 - Internal Initiative: Office of Adjudication (OADJ) - Office of Dispute Resolution for Acquisition (ODRA), Civil Penalty Docket and Appeal Management, and Informal AdjudicationOffice

Owner: John Dietrich

Description: OADJ is an independently operating adjudicatory authority comprised of a Director/ Chief Administrative Judge and other Administrative Judges. OADJ has responsibilities for acquisition matters, administrative civil penalty adjudications, and informal administrative adjudication in aviation matters.

23Em.188A - Internal Activity: Office of Dispute Resolution for Acquisition (ODRA)

Owner: John Dietrich

Description: The ODRA fulfills the Administrator's statutory duty to: (1) provide a dispute resolution system for acquisition that focuses on using alternative dispute resolution ("ADR") procedures, and (2) provide formal administrative adjudication of protests and contract disputes

23Em.188A1 - Internal Target: Voluntary ADR

Owner: John Dietrich

Description: Provide voluntary ADR and as the primary means of managing matters filed with the ODRA. Ensure that more than half of protests and contract disputes use ADR. Track, review and report interim status by March 31, 2023 and complete by end of FY23.

Due Date: 09/30/23

23Em.188A2 - Internal Target: Educational Programs

Owner: John Dietrich

Description: Conduct educational programs for Agency personnel and outside stakeholders on the FAA dispute resolution system. Participate in at least 4 programs and professional activities that promote knowledge and acceptance of the FAA acquisition process. Track, review and report interim status by March 31, 2023 and complete by end of FY23.

Due Date: 09/30/23

23Em.188A3 - Internal Target: Responsive Protest Process

Owner: John Dietrich

Description: Convene initial status conferences on average less than five business days from the date of filing of initial protests. Track, review and report interim status by March 31, 2023 and complete by end of FY23.

Due Date: 09/30/23

23Em.188A4 - Internal Target: Responsive Protest Process

Owner: John Dietrich

Description: Actively manage and establish appropriate timeframes for completion of adjudication processes in all cases. Complete Findings and Recommendations in typical adjudicated cases in the following average number of days from the date of closing of the administrative record: (1) Protests- 60 calendar days; and (2) Contract Disputes160 calendar days. Track, review and report interim status by March 31, 2023 and complete by end of FY23.

Due Date: 09/30/23

23Em.189 - Internal Initiative: Manage the Administrative Civil Penalty Docket for Hearings and Appeals

Owner: John Dietrich

Description: OADJ provides docket services for the ALJs in all administrative civil penalty adjudications. It also prepares manages the administrative appeal process and prepared recommended decisions for the Administrator.

23Em.189A - Internal Activity: Civil Penalty Appeal Decisions

Owner: John Dietrich

Description: OADJ prepares recommended decisions for the Administrator in appeals from decisions issued by DOT Administrative Law Judges. Civil penalty staff also provide docket clerking services for the ALJs in all civil penalty adjudications

23Em.189A1 - Internal Target: Civil Penalty Appeals and Adjudications

Owner: John Dietrich

Description: Prepare draft decisions for the Administrator for typical civil penalty appeals and adjudications in an average of 120 days from the closing of the record. Report interim status by March 31, 2023 and complete by end of FY23.

Due Date: 09/30/23

23Em.189A2 - Internal Target: Manage Informal Hearings under Part 13, Subpart D

Owner: John Dietrich

Description: OADJ conducts hearings in aviation matters that do not required the use of ALJs.

Due Date: 09/30/23

23Em.189A3 - Internal Target: Informal Adjudication Decisions

Owner: John Dietrich

Description: Administrative judges in OADJ actively managed cases from the initial request for a hearing to the initial decision.

Due Date: 09/30/23

23Em.189A4 - Internal Target: Civil Penalty Appeals and Adjudications

Owner: John Dietrich

Description: Prepare initial decisions in an average of 120 days from the closing of the hearing record. Report interim status by March 31, 2023 and complete by end of FY23.

Due Date: 09/30/23

23Em.190 - Internal Initiative: Acquisition & Fiscal Law Services Division Support of Strategic Initiative: NAS

Owner: Mark Teskey

Description: Provide legal advice and represent the Agency interests relating to the FAA's acquisition of the systems and services needed to achieve the NAS Priority Initiative and other high priority goals. In particular, this Initiative supports the NAS Guiding Principle: Provide safe, secure, and efficient services to NAS users in the most cost effective and innovative manner. The Division's staff ensures the legal sufficiency of acquisition processes and documents; assists clients in developing a rational basis for acquisition and related decisions, and represents the agency when acquisition decisions are challenged.

23Em.190A - Internal Activity: Provide Timely and Accurate Review of Acquisition Documentation

Owner: Mark Teskey

Description: The Office of the Chief Counsel will review 100% of documents within 10 business days, on average, of receipt of complete packages.

23Em.190A1 - Internal Target: Review of Acquisition Documents

Owner: Mark Teskey

Description: The Office of the Chief Counsel will review 100% of documents within ten business days, on average, of receipt of complete packages.

Due Date: 09/30/23

23Em.190A2 - Internal Target: Review of Acquisition Review Thresholds

Owner: Mark Teskey

Description: At least twice a year, the Office of the Chief Counsel will review the dollar thresholds and types of acquisition matters required to be submitted for legal review to determine a need for, and make, any adjustments.

Due Date: 09/30/23

23Em.190B - Internal Activity: Timely and Accurate Representation at the Office of Dispute Resolution (ODRA)

Owner: Mark Teskey

Description: Represent the Agency before the Office of Dispute Resolution for Acquisition (ODRA)

23Em.190B1 - Internal Target: Agency Representation

Owner: Mark Teskey

Description: The Office of the Chief Counsel will represent the Agency in all matters before ODRA, AGC-70, meeting 100% of deadlines imposed.

Due Date: 09/30/23

23Em.193 - Internal Initiative: Visual NavAids - Approach Lighting System Safety Enhancement - Landing and Lighting Portfolio

Owner: Malcolm Andrews

Description: The Approach Lighting System Safety Enhancement Program upgrades approach lighting systems built before 1975. The project upgrades the equipment to current standards and reduces the potential severity of take-off and landing accidents by replacing rigid structures with lightweight and low-impact resistant structures that collapse or break apart upon impact. The entire approach lighting system is replaced when rigid structures are replaced. The High Intensity Approach Lighting System with Sequenced Flashing Lights (ALSF-2) provides visual information on whether the pilot is aligned with the runway centerline, the aircraft’s height above the runway plane, roll guidance, and horizontal reference for Category II and III Precision Approaches. The MALSR provides visual information on runway alignment, height perception, roll guidance, horizontal references for Category I Precision, and Special Authorization Category II Approaches.

23Em.193A - Internal Activity: Visual NavAids - Approach Lighting System Safety Enhancement - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: For FY23 the Approach Lighting System Safety Enhancement Program will complete activities to procure Light-Emitting Diode (LED) Lamps and install ALS systems.

23Em.193A1 - Internal Target: Visual NavAids - Approach Lighting System Safety Enhancement - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Award Light-Emitting Diode (LED) Lamps Contract.

Due Date: 08/31/23

23Em.193A2 - Internal Target: Visual NavAids - Approach Lighting System Safety Enhancement - Landing and Lighting Portfolio

Owner: Steven McArthur

Description: Install one (1) Approach Lighting System (ALS).(CAM Goal)

Due Date: 09/30/23

Climate, Noise, and Sustainability

Lead aviation sector efforts to improve sustainability, mitigate the effects of aviation noise, and reduce greenhouse gas emissions.

23En1 - Priority Initiative: Climate Action, Improve Sustainability and Address the Effects of Aircraft Noise

Owner: Julie Marks

Description: Ensure that the FAA continues to be a leader in addressing the environmental impacts of aviation, including on climate change and noise, and in improving the sustainability and resilience of the FAA as an agency.

23En1D - Priority Activity: Sustainability – FAA Facilities and Operations

Owner: Mitchell Otey

Description: Demonstrate leadership on climate and sustainability by increasing the energy efficiency of FAA facilities and reduce the overall carbon footprint of the FAA.

23En1D1 - Priority Target: FY23 New Building Entering Design Phase

Owner: Mitchell Otey

Description: Identify New Buildings Entering the Design Phase in FY 2023 and Ensure the Guiding Principles for Sustainable Federal Buildings are Included in the Design for Applicable Facilities.

Due Date: 09/30/23

23En1E - Priority Activity: Global Leadership on Aviation and Climate Change.

Owner: James Hileman

Description: Demonstrate continued global leadership on climate change through international engagement, action at the International Civil Aviation Organization, and execution of the U.S. Aviation Climate Action Plan.

23En1E1 - Priority Target: SAF Grand Challenge Roadmap and Initiate Ballot for ASTM

Owner: James Hileman

Description: Implement elements of SAF Grand Challenge Roadmap and initiate ballot for ASTM specification for 100% Sustainable Aviation Fuels.

Due Date: 07/31/23

23En1E2 - Priority Target: ICAO Environmental Capacity-Building Initiatives

Owner: James Hileman

Description: Support ICAO environmental capacity-building initiatives in at least 3 ICAO regions by participating in: ICAO's Assistance, Capacity-Building and Training (ACT) for Sustainable Aviation Fuels (SAF) (ACT-SAF) program, regional environmental conferences, and/or international research projects or partnerships.

Due Date: 09/30/23

23En1F - Priority Activity: Aircraft Noise.

Owner: Donald Scata

Description: Lead efforts in collaboration with aviation stakeholders to address aircraft noise in the United States and ensure up-to-date and effective noise policies.

23En1F1 - Priority Target: Public Education and Stakeholder Engagement on Noise

Owner: Donald Scata

Description: Initiate public education and stakeholder engagement on noise metrics and the Noise Policy Review policy options under consideration.

Due Date: 01/31/23

23En1F2 - Priority Target: Draft Policy Recommendations

Owner: Donald Scata

Description: Propose draft policy recommendations.

Due Date: 09/30/23

23En.3 - Internal Initiative: Aeronautical Center Sustainability Support

Owner: Corey Black

Description: The Office of Facilities Management will take action to support Government, DOT and FAA sustainability goals and projects.

23En.3A - Internal Activity: Aeronautical Center Sustainability Program

Owner: Corey Black

Description: The Office of Facilities Management will support DOT's and FAA sustainability efforts by following guiding principles for Sustainable Federal Buildings, encouraging use of renewable energy, facilitating use of electric vehicles, and effective space management.

23En.3A1 - Internal Target: Sustainable Federal Buildings

Owner: Zeke Hill

Description: MMAC will ensure that 15% of eligible buildings (owned and non-GSA leased, above 5,000 gross square feet) meet the 'revised' guiding principles for Sustainable Federal Buildings. Additionally, AMP will add the Child Learning Center (CLC-175), which is an existing building, to the sustainable building list at the MMAC and complete all required reassessments in FY-23.

Due Date: 09/30/23

23En.3A2 - Internal Target: Renewable Energy

Owner: Zeke Hill

Description: MMAC will maintain the percentage of electricity consumed from renewable electricity at no less than 10% of its total electricity consumption in FY-23.

Due Date: 09/30/23

23En.3A3 - Internal Target: Electric Vehicle (EV) Stations

Owner: Corey Black

Description: MMAC will support the FAA's Electric Vehicle (EV) charging station implementation plan by completing the construction of the infrastructure for 26 new EV charging stations.

Due Date: 09/30/23

23En.3A4 - Internal Target: Space Management

Owner: Corey Black

Description: MMAC will support DOT's effort to reduce space by completing the renovations of the Multi-purpose Building (MPB) and Base Maintenance Building (BMB) in FY-23.

Due Date: 09/30/23

23En.4 - Internal Initiative: Community Engagement

Owner: John Speckin

Description: Continue to develop communication tools that increase transparency of Agency airspace actions and offer the opportunity for continued engagement.

23En.4A - Internal Activity: Development of tools for delivery of Community Engagement

Owner: Beth White

Description: Increase FAA's Community Engagement activity by developing tools that provides Regional Teams the opportunity to review air traffic operational data.

23En.4A1 - Internal Target: Develop an operational measure tool in IOAA to support of Community Engagement

Owner: Michael Hilbert

Description: Develop and implement a community engagement module in the IFP, Operations, and Airspace Analysis (IOAA) tool.

Due Date: 09/30/23

23En.4A2 - Internal Target: Response to Noise Portal Input

Owner: Rebecca Cointin

Description: Define Business Requirements for NCI re-host on new IT platform to automate responses to the Noise Portal input.

Core Coordinated: Agreed

Due Date: 09/30/23

23En.4B - Internal Activity: Development of Community Engagement Activity Tracking System (CEATS) Data

Owner: Rob Lowe

Description: Increase the data quality of the FAA's Community Engagement activities by developing the ARA CEATS data criteria for data entry and data reporting. Recommendation Report to be submitted to ARA-1 for approval.

Core Coordinated: Agreed

23En.4B1 - Internal Target: Define CEATS Engagement Activity Entry Criteria

Owner: Rob Lowe

Description: Define CEATS engagement activity entry criteria across all 9 regions with the support of all ARA Regional Administrators. The outcome will be a recommendation for CEATS data entry for engagement activities that is endorsed by all 9 Regional Administrators and approved by ARA-1.

Due Date: 01/31/23

23En.4B2 - Internal Target: Define CEATS Engagement Activity Reporting Criteria

Owner: Michael O'Harra

Description: Define CEATS engagement activity reporting criteria across all 9 regions with the support of all ARA Regional Administrators. The outcome will be a recommendation for CEATS data reporting for engagement activities that is endorsed by all 9 Regional Administrators and approved by ARA-1.

Due Date: 03/31/23

23En.4C - Internal Activity: Develop a strategy document that outlines our long term goals for ongoing community engagement

Owner: Beth White

Description: Develop a strategy document to define the long term goals for community engagement.

23En.4C1 - Internal Target: Develop a Strategy Document on the Long-Term Goals for Community Engagement

Owner: Beth White

Description: ATO/ARA will jointly develop a strategy document, which outlines ATO/ARA's long term goals for ongoing community engagement.

Due Date: 09/30/23

23En.12 - Internal Initiative: Commercial Space Transportation Environmental Stewardship

Owner: Daniel Murray

Description: Perform a comprehensive environmental review for each licensed or permitted activity for which an application is accepted and document the results appropriately, for compliance with the National Environmental Policy Act and Agency Directives.

23En.12A - Internal Activity: Commercial Space Transportation Environmental Reviews

Owner: Stacey Zee

Description: Conduct environmental reviews for proposed launch, reentry and launch site operations in support of AST license, permit, and renewal evaluation timelines.

23En.12A1 - Internal Target: Improve Commercial Space Transportation Environmental Efficiency

Owner: Stacey Zee

Description: Update AST’s existing environmental review guidance for applicants, coordinate the document with AEE, and provide the relevant guidance to AST’s pre-application consultation team to distribute to applicants.

Due Date: 09/30/23

23En.13 - Internal Initiative: Boston Logan (BOS) Massport MOU Block 2 Implementation

Owner: Colleen D'Alessandro

Description: On January 19, 2022, Massport requested FAA implement a new overwater RNAV approach for Boston Logan (BOS) Runway 22 Left. FAA accepted the request on January 26, 2022 and kicked off the 7110.41 process with a Full Working Group meeting on September 20-21, 2022. This initiative tracks progression of the .41 process with interim targets.

23En.13A - Internal Activity: Massport Community Advisory Committee (MCAC) Motion 2A-1 - New overwater RNAV approach for Runway 22L

Owner: Colleen D'Alessandro

Description: Continue the 7110.41 process towards implementation of a new overwater RNAV approach for BOS Runway 22L. This new approach crosses the Nahant Causeway from the east to join a 4-mile final to R22L.

23En.13A1 - Internal Target: Present Draft Procedure to MCAC and Massport for Review and Concurrence.

Owner: Colleen D'Alessandro

Description: Present FAA draft of the BOS RNAV 22L Approach Procedure to MCAC during their Quarterly General Meeting for review and concurrence.

Due Date: 09/30/23

23En.13A2 - Internal Target: Brief AJV (ESA OSG) on MCAC feedback to proposed procedure.

Owner: Colleen D'Alessandro

Description: ANE Regional Administrator's office will provide AJV (ESA OSG) with a briefing of MCAC feedback to the proposed new overwater RNAV approach procedure for Runway 22L.

Due Date: 09/30/23

Agile Services across the NAS

Develop a comprehensive and agile set of requirements and processes to integrate traditional and emerging users of the National Aerospace System and to evaluate appropriate infrastructure and operational needs of any given facility or airspace.

23Ey2 - Priority Initiative: More Agile Structure of Services and Service Levels across the NAS

Owner: Sean Bodkin

Description: Establish and leverage a Framework for a More Agile Structure of Services and Service Levels across the NAS.

23Ey2A - Priority Activity: Application of initial MASS framework, with associated criteria and metrics to support FAA decision making

Owner: Sean Bodkin

Description: Apply the initial MASS framework with criteria and metrics to at least one real world example focusing on a potential FAA operational change in service levels.

23Ey2A1 - Priority Target: FAA decision making on upcoming changes to services provided across the NAS

Owner: Sean Bodkin

Description: Apply initial framework and criteria to at least one FAA real world operational example of a change in service level to validate the framework leading to more consistent and data driven decisions.

Due Date: 09/30/23

23Ey2B - Priority Activity: Using initial MASS framework to assess potential service level changes and impacts to real world situations

Owner: Sean Bodkin

Description: Collaborate with stakeholders to identify service level changes and impacts related to real world situations.

23Ey2B1 - Priority Target: Service level changes and impacts related to establishing/revoking Class B airspace

Owner: Sean Bodkin

Description: Collaborate with stakeholders to identify service level changes and impacts related to establishing/revoking Class B airspace within a designated area that will: (a) improve safety by reducing the risk of midair collisions in the airspace surrounding airports with high−density air traffic operations; and (b) enhance the management of air traffic operations to and from the airports therein.

Due Date: 09/30/23

23Ey2B2 - Priority Target: Service level changes and impacts related to a potential growth in operations at New York Stewart International Airport (SWF)

Owner: Sean Bodkin

Description: Collaborate with the Port Authority of New York and New Jersey (PANYNJ) to identify service level changes and impacts related to a potential growth in operations at NEW YORK STEWART INTERNATIONAL AIRPORT (SWF).

Due Date: 09/30/23

23Ey2C - Priority Activity: Streamline the delivery of NAS services through divestiture of NAS assets

Owner: Mark Denicuolo

Description: Collaborate across ATO service units and across the FAA to deliver on the divestiture of NAS assets.

Core Coordinated: Agreed

23Ey2C1 - Priority Target: Remove radar sites from service

Owner: Amy Gusky

Description: Remove two (2) radar sites from service.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ey2C2 - Priority Target: Complete the discontinuance of twenty two (22) Very High Frequency Omni-Directional Range Systems (VORs)

Owner: Leonixa Salcedo

Description: Complete the discontinuance of twenty two (22) Very High Frequency Omni-Directional Range Systems (VORs).

Core Coordinated: Agreed

Due Date: 09/30/23

23Ey.1 - Internal Initiative: Airport Technology & Infrastructure Research

Owner: Shelley Yak

Description: Conduct Airport Technology & Infrastructure research to assess and improve the infrastructure at airports and spaceports across the National Airspace System.

23Ey.1A - Internal Activity: Test Alternative Airport Firefighting Agents

Owner: James Layton

Description: Current airport firefighting agents are very effective to fight fires, but they contain chemicals that may be a health hazard. The FAA is partnering with the Department of Defense to find effective Fluorine-free foam (FFF) firefighting agents. This activity will assess candidate firefighting agents in full-scale, live-fire tests. The outcome is to have an effective and safe firefighting agent in FY23.

Core Coordinated: Agreed

23Ey.1A1 - Internal Target: Fluorine-Free Foam (FFF) fire agents testing

Owner: James Layton

Description: Conduct full-scale, live-fire testing of the use of compressed air foam systems (CAFS) with Fluorine-free foam (FFF) firefighting agents.

Due Date: 09/30/23

23Ey.1B - Internal Activity: Evaluate Performance of Solar Lighting in Airports

Owner: James Layton

Description: Solar lighting for airport runways, taxiways, and ground lighting may reduce airport costs and reduce environmental impacts. This activity will analyze and report on the performance of solar fixtures installed at the Penn Yan airport in New York State. An airport in Washington State, with less daylight in the winter, will also be selected for field testing. Results will be used to guide the installation and operation of solar lights at airports.

Core Coordinated: Agreed

23Ey.1B1 - Internal Target: Evaluate solar fixtures in the Pacific Northwestern Region

Owner: James Layton

Description: Select the most viable airport in Washington State for participation in the field testing.

Due Date: 09/30/23

23Ey.1B2 - Internal Target: Evaluate solar fixtures in the upstate New York region

Owner: James Layton

Description: Analyze and report on performance of the solar fixtures installed at the Penn Yan airport.

Due Date: 09/30/23

23Ey.1C - Internal Activity: Innovative Pavement Research

Owner: James Layton

Description: Conduct research on innovative pavement materials that may lead to reduce carbon emissions and improve pavement longevity.

Core Coordinated: Agreed

23Ey.1C1 - Internal Target: Draft Warm Mix Asphalt Specification

Owner: James Layton

Description: Provide a report containing a draft Specification for a sustainable Warm Mix Asphalt, which reduces the embodied carbon in airport pavements

Due Date: 09/30/23

23Ey.1C2 - Internal Target: Draft State Specifications for Airport Concrete Pavements

Owner: James Layton

Description: Provide a draft report on the Use of State Specifications for Airport Concrete Pavements.

Due Date: 09/30/23

23Ey.2 - Internal Initiative: Integration of UAS Operations into the NAS

Owner: Wendy O'Connor

Description: Integrate new entrants including Unmanned Aircraft System (UAS) and Advanced Air Mobility (AAM) operations into the National Airspace System (NAS) without introducing unacceptable levels of risk, while providing a secure and more efficient system.

23Ey.2A - Internal Activity: Enhance Awareness of UAS

Owner: Yen-Khanh Vu

Description: Enhance awareness of new activities through multi-platform efforts informing concerned/affected parties of changes to policies related to UAS/AAM.

23Ey.2A1 - Internal Target: Training needs related to UAS and UAM/AAM

Owner: Jon Stowe

Description: Identify training and facility outreach needs related to UAS/AAM operational concepts and technologies. Support modification of current training products, and assist in the development of new training as required for Air Traffic operational personnel.

Due Date: 09/30/23

23Ey.2A2 - Internal Target: Facility Support for UAS operational requests

Owner: Jon Stowe

Description: Provide facility support related to establishment of and updates to their UASFM altitudes, LAANC, DroneZone, security events, detection and mitigation equipment, and addressing any other UAS operational requests.

Due Date: 09/30/23

23Ey.2B - Internal Activity: Drive Integration of UAS

Owner: Yen-Khanh Vu

Description: Provide input during identification and development of updated rules, policies, standards, and procedures regarding UAS/AAM operations in the NAS.

23Ey.2B1 - Internal Target: Safety Risk Management Panels

Owner: Jon Stowe

Description: Safety Risk Management Panels – Participate in SRMP activities and provide assistance/guidance for local SRMP activities for UAS.

Due Date: 09/30/23

23Ey.2B2 - Internal Target: Support UAS Integration through Workgroup Participation

Owner: Jon Stowe

Description: Participate in workgroups supporting UAS integration and modernization through the development of airspace policies, concepts, procedures and systems utilized in the NAS.

Due Date: 09/30/23

23Ey.2B3 - Internal Target: Initiate Requests to Update Policies and Procedures

Owner: Jon Stowe

Description: Identify need for and initiate requests to update policies and procedures related to UAS/AAM operations.

Due Date: 09/30/23

23Ey.3 - Internal Initiative: Special Activity Airspace (SAA)

Owner: Eric Jennings

Description: Develop a comprehensive and agile set of requirements and processes to integrate traditional and emerging users into the National Airspace System.

23Ey.3A - Internal Activity: Policy Guidance Update to Special Activity Airspace (SAA)

Owner: Michael Beckles

Description: Provide updates to policy to support modernization for the establishment and administration of Special Activity Airspace (SAA).

23Ey.3A1 - Internal Target: Special Activity Airspace Analysis

Owner: Scott Rosenbloom

Description: Coordinate for publication in the Pilot/Controller Glossary (P/CG) the updated definition for Special Activity Airspace (SAA) developed by the PBFA-sponsored FAA-DoD Tiger Team on SAA airspace proposal process to support the modernization and administration of SAA. (Publication date 4/20/23)

Due Date: 09/30/23

23Ey.3A2 - Internal Target: Guidance on the National Environmental Policy Act (NEPA) Analysis Process for Air Traffic Control Assigned Airspace (ATCAA) and National Environmental Policy Act (NEPA) requirements for Air Traffic Control Assigned Airspace (ATCAA)

Owner: Scott Rosenbloom

Description: Coordinate for publication updates to Order 7610.4, Special Operations, which establish a process for proposing or modifying Air Traffic Control Assigned Airspace (ATCAA), including guidance on conducting environmental reviews under the National Environmental Policy Act (NEPA).

Due Date: 09/30/23

23Ey.3A3 - Internal Target: Environmental Review Process

Owner: Scott Rosenbloom

Description: Coordinate for publication updates to Order 7400.2, Procedures for Handling Airspace Matters, which provide more explicit coordination steps; more clearly define the responsibilities of the FAA and the proponent agency; improve coordination between the FAA and the proponent; and potentially reduce the time needed to review and implement future SAA/SUA proposals.

Due Date: 09/30/23

23Ey.4 - Internal Initiative: Airport Facility Improvements

Owner: John Dermody

Description: Conduct timely research to allow for innovative solutions for improvement to airport facilities, equipment and/or construction materials.

23Ey.4A - Internal Activity: Future Vertiports

Owner: James Layton

Description: Investigate and plan for the design of future vertiports.

23Ey.4A3 - Internal Target: Vertical Take-off and Landing (VTOL) Electrical Infrastructure Requirements

Owner: James Layton

Description: Work with the National Renewable Energy Laboratory (NREL) to research and evaluate electrical infrastructure required at vertiports for vertical take-off and landing (VTOL)

Due Date: 09/30/23

23Ey.4A4 - Internal Target: Operational vertical take-off and landing (VTOL) Test Data

Owner: James Layton

Description: Initiate operational testing and collect operational test data from mature VTOL aircraft manufacturers.

Due Date: 09/30/23

23Ey.6 - Internal Initiative: ATO UAS Services Plan Priority 1 - ATO/UAM Integration

Owner: Dan Hicok

Description: Advanced Air Mobility (AAM) is a rapidly emerging, new sector of the aerospace industry, which aims to safely and efficiently integrate highly automated aircraft into the National Airspace System. AAM is not a single technology, but rather a collection of new and emerging technologies being applied to the aviation ecosystem, particularly in new aircraft types. AAM has the potential to connect communities that were previously underserved by aviation. Urban Air Mobility (UAM) is a subset of AAM that envisions a safe and efficient aviation transportation system that will use highly automated aircraft to transport passengers and/or cargo within urban areas. This Priority Area complements the ATO UAM Corporate Plan, which will guide UAM implementation upon its publication.

23Ey.6A - Internal Activity: ATO Strategy to Enable UAM

Owner: Guillermo Sotelo

Description: Facilitate the development of an ATO strategy to enable UAM, continue to support NASA engagement to explore UAM concepts, and incorporate recommendations and findings into ATO strategic planning efforts.

23Ey.6A1 - Internal Target: Develop UAM ATO Corporate Plan

Owner: Jorge Rodriguez Cifuentes

Description: Publish the ATO UAM Corporate Plan articulating the ATO priorities and operational outcomes, the strategy to achieve these outcomes, and the actions necessary to achieve success.

Due Date: 06/30/23

23Ey.7 - Internal Initiative: AJV - Airspace Modernization

Owner: Dan Hicok

Description: The goals of Airspace Modernization include using new technologies and procedures to increase the safety, efficiency, capacity, access, flexibility, predictability, and resilience of the NAS while reducing the environmental impact of aviation.

23Ey.7A - Internal Activity: Integrated Required Time of Arrival (RTA) and Interval Management (IM) Concept of Operations (ConOps)

Owner: Michelle Lott

Description: The Integrated RTA and IM draft document will propose the potential for future TBO operations and capabilities for use of Flight-deck Interval Management applications with Time-Based Management procedures

Core Coordinated: Agreed

23Ey.7A1 - Internal Target: Share Integrated Required Time of Arrival (RTA) and Interval Management (IM) Concept of Operations (ConOps)

Owner: Michelle Lott

Description: Mature and deliver Integrated Required Time of Arrival (RTA) and Interval Management (IM) Concept of Operations (ConOps).

Due Date: 03/31/23

23Ey.7C - Internal Activity: Instrument Flight Procedures Automation (IFPA) Sustainment 2

Owner: Eric Johnston

Description: Instrument Flight Procedures Automation (IFPA) Sustainment 2 (CIP#:A14.02-03): The FAA IFPA program is a mixed lifecycle information technology suite, including an upgrade of both commercial off-the-shelf (COTS) hardware and software. The IFPA tool suite provides functionality for aeronautical information specialists to design, develop and maintain instrument flight procedures for navigation of the NAS. The Terminal Area Route Generation, Evaluation, and Traffic Simulation (TARGETS) system will progress through a series of iterations to provide new capabilities to support design and development of Instrument Flight Procedures (IFP). The objective of each phase or iteration is to advance the software to a level that provides increased functional capability.

Core Coordinated: Agreed

23Ey.7C1 - Internal Target: Instrument Flight Procedures Automation (IFPA) Sustainment 2: IFPA TARGETS ILS CAT II/III and SA CAT I/II Approach Deployment Completion

Owner: Eric Johnston

Description: ILS CAT II/III and SA CAT I/II Approach deployment and training completion for Instrument Landing System (ILS) Category (CAT) II/III and Special Authorization (SA) CAT I/II Approach.

Due Date: 07/31/23

23Ey.7D - Internal Activity: Enhanced Air Traffic Services (EATS)

Owner: James Arrighi

Description: Section 547 of the FAA Reauthorization Act of 2018, directs the FAA Administrator to establish an Enhanced Air Traffic Services (EATS) pilot program, which will provide air traffic control (ATC) services on a preferential basis to aircraft equipped with certain NextGen avionics. This program shall take place for at least 2 years, at least 3 suitable airports, for at least 3 hours each day. This pilot program is meant to support the business case for aircraft operators to equip with these avionics by providing preferential service to capable aircraft. Implementation NLT September 2021–2023.

Core Coordinated: Agreed

23Ey.7D1 - Internal Target: Data for Report to Congress

Owner: Juan Narvid

Description: Complete the collection of data to analyze for the report to congress on section 547.

Due Date: 09/30/23

23Ey.7F - Internal Activity: Low-level Helicopter IFR Routes in Maine

Owner: James Arrighi

Description: Congress has recommended that the FAA design and implement a helicopter route system in the State of Maine for high-performance low-level Instrument Flight Rules (IFR) operations to connect to various hospital helipads and other locations in support of air ambulance emergency operations in Instrument Meteorological Conditions (IMC). This activity supports a National Transportation Safety Board (NTSB) recommendation for the development of a low-altitude airspace infrastructure for air ambulance helicopters

Core Coordinated: Agreed

23Ey.7F1 - Internal Target: Develop tool set for helicopter route development

Owner: Michael Hilbert

Description: Develop a low level helicopter route implementation tool set for Required Navigation Performance (RNP) 0.3 Instrument Flight Rules (IFR) helicopter routes using a composite model (terrain, weather, and population density models).

Due Date: 09/30/23

23Ey.7J - Internal Activity: IFPA Sustainment 3

Owner: Eric Johnston

Description: Instrument Flight Procedures Automation (IFPA) Sustainment 3 will perform software enhancements to continue to automate current manual processes related to IFP design and documentation, thus reducing time for development and improving data quality. Additionally, government furnished equipment (GFE) no longer under warranty will be replaced to maintain operational efficiency. Finally, IFPA will redesign the architecture of its current server environment to move to the FAA cloud in an effort to take advantage of improved capacity, ease of maintenance, and compliance with the federal initiative for reducing the need of data centers.

Core Coordinated: Agreed

23Ey.7J1 - Internal Target: IFPA Sustainment 3: TARGETS RNAV Copter Release 1

Owner: Eric Johnston

Description: IFPA (A14.02-04): IFPA TARGETS RNAV Copter Release 1 completion

Due Date: 12/31/22

23Ey.7L - Internal Activity: Airspace Modernization Roadmap

Owner: James Arrighi

Description: Develop a process for scoping and executing airspace modernization projects to include regulated airspace, airspace re-sectorization, and instrument flight procedures to support the PBN NAS Navigation Strategy.

Core Coordinated: Agreed

23Ey.7L1 - Internal Target: Assess the quantitative data to include the selection of airspace/sector projects

Owner: James Arrighi

Description: Develop lessons learned on the effectiveness of the quantitative metrics used to determine prioritization and scheduling of modernization activities to incorporate TBO and airspace opportunities.

Due Date: 09/30/23

23Ey.9 - Internal Initiative: Enterprise Systems Engineering and Integration

Owner: Gregory Burke

Description: Develop and maintain Systems Engineering Guidance Material and conduct key National Airspace System (NAS) Enterprise Integration studies. Provide enterprise systems engineering expertise to execute NAS enterprise integration studies to realize the future of the NAS vision.

23Ey.9A - Internal Activity: Enhance the National Airspace System (NAS) Enterprise Architecture (EA)

Owner: Carleen Adams

Description: Sustain, enhance, and evolve the National Airspace System (NAS) Enterprise Architecture (EA) Roadmaps and NAS Segment Implementation Plan (NSIP), including digital transformation where possible.

23Ey.9A1 - Internal Target: Update the National Airspace System (NAS) Enterprise Architecture (EA) Roadmaps and National Airspace System (NAS) Segment Implementation Plan (NSIP) in Partnership with Key Stakeholders

Owner: James Winbush

Description: In support of National Airspace System (NAS) modernization, update the National Airspace System (NAS) Enterprise Architecture (EA) Roadmaps, National Airspace System (NAS) Segment Implementation Plan (NSIP), and associated datasets and publish on the National Airspace System (NAS) Systems Engineering Portal (SEP).

Due Date: 03/31/23

23Ey.9A2 - Internal Target: Expand Hybrid Roadmaps for National Airspace System (NAS) Enterprise Architecture (EA)

Owner: James Baird

Description: Develop a draft hybrid roadmap showing the notional relationships between Surveillance-related business and technology improvements, support activities, and Infrastructure Roadmap planned systems/services in the National Airspace System (NAS) Enterprise Architecture (EA).

Due Date: 09/30/23

23Ey.9B - Internal Activity: Support Emerging the NAS Systems Engineering and Integration Office, ANG-B, Enterprise Level Products

Owner: Rita Estrada-Cavallini

Description: Support implementation of high value systems engineering design and planning product and information changes.

23Ey.9B1 - Internal Target: Publish National Airspace System (NAS) Systems Engineering Portal (SEP) Roadmap

Owner: Rita Estrada-Cavallini

Description: Lead the National Airspace System (NAS) Systems Engineering and Integration Office, ANG-B's Change Control Board annual review and adjudication process; publish NAS Systems Engineering Portal Roadmap update.

Due Date: 11/30/22

23Ey.9B2 - Internal Target: Deliver Transformational Change

Owner: Rita Estrada-Cavallini

Description: Deliver software changes that support the evolution of the National Airspace System (NAS) and the Systems Engineering community.

Due Date: 09/30/23

23Ey.9C - Internal Activity: Advance the Use of Investment Forecasting

Owner: Carleen Adams

Description: Refine visualization methods and concepts of use for investment forecasting in FAA planning and system engineering processes.

23Ey.9C1 - Internal Target: Develop Draft Visualizations of Forecasted Investments

Owner: James Baird

Description: Complete draft visualizations of all forecasted investments on the infrastructure roadmaps for internal review.

Due Date: 03/31/23

23Ey.9C2 - Internal Target: Develop Draft Concept of Use

Owner: James Baird

Description: Develop a draft concept of use for investment forecasting in FAA planning and system engineering processes.

Due Date: 09/30/23

23Ey.9D - Internal Activity: Enhance and Deepen the National Airspace System Enterprise Architecture Model and Target NAS Requirements Document

Owner: Kimberly Gill

Description: Using the FY21 improved change process for National Airspace System (NAS) Requirements and the Enterprise Architecture Model (EAM), incorporate results of analysis as they become available from stakeholder organizations.

23Ey.9D1 - Internal Target: Baseline Converged Current (As-Is) and Target (To-Be) Requirements to Retire Legacy Requirements Documents

Owner: Courtney Dudley-Thomas

Description: Merge additional content from the 2013 NAS Requirements Document (NRD). Coordinate with stakeholders on the process for baselining the As-Is and Target NRD. Baseline Converged Current (As-Is) and Target (To-Be) Requirements to retire legacy requirements documents.

Due Date: 09/30/23

23Ey.9D2 - Internal Target: Baseline Updates to the National Airspace System (NAS) Enterprise Architecture Model (EAM) Presented to the Technology Review Board (TRB) in FY22

Owner: Barbara Cordell

Description: Incorporate feedback from stakeholder review of the National Airspace System (NAS) Enterprise Architecture Model (EAM)and publish approved baseline on Systems Engineering Portal (SEP).

Due Date: 10/31/22

23Ey.9D3 - Internal Target: Update Surveillance Requirements in the National Airspace System Requirements Database

Owner: Vincent Telfer

Description: Execute a repeatable process for determining the possibility for reduction in communication lines to surveillance sites without reducing reliability.

Due Date: 06/30/23

23Ey.9D4 - Internal Target: Establish the Services View Layered Diagram (SvcV-4a) in the National Airspace System (NAS) Enterprise Architecture Model (EAM)

Owner: Barbara Cordell

Description: Create a draft Services View Layered Diagram (SvcV-4a) with candidate service categories and types, and coordinate with stakeholder organizations to finalize and incorporate into the National Airspace System (NAS) Enterprise Architecture Model (EAM).

Due Date: 06/30/23

23Ey.9E - Internal Activity: Advance the Use of Sustain, Enhance, Replace Initiative (SERI)

Owner: Carleen Adams

Description: Continue the socialization and operationalization of Sustain, Enhance, Replace Initiative (SERI).

23Ey.9E1 - Internal Target: Draft Sustain, Enhance, or Replace Initiative (SERI) Guidance Language

Owner: James Baird

Description: Develop Sustain, Enhance, or Replace Initiative (SERI) draft language for inclusion in Federal Aviation Administration (FAA) guidance documents such as the System Engineering Manual (SEM).

Due Date: 06/30/23

23Ey.9E2 - Internal Target: Implement Sustain, Enhance, or Replace Initiative (SERI) for a National Airspace System (NAS)

Owner: James Baird

Description: Improve access to available data while implementing Sustain, Enhance, or Replace Initiative (SERI) for a National Airspace System (NAS) communications or weather system.

Due Date: 09/30/23

23Ey.9F - Internal Activity: Develop Draft Internet Protocol Suite (IPS) Transition Strategy

Owner: Carleen Adams

Description: Develop an Internet Protocol Suite (IPS) transition strategy, which will serve as a detailed management tool to help identify and budget for the documentation, prototyping, testing, and analysis that must be completed to achieve a successful implementation of the Internet Protocol Suite (IPS) Gateway into the National Airspace System (NAS).

23Ey.9F1 - Internal Target: Develop Draft Internet Protocol Suite (IPS) Transition Strategy Roadmap

Owner: James Baird

Description: Develop a draft Internet Protocol Suite (IPS) transition strategy roadmap for implementing Internet Protocol Suite (IPS) in the National Airspace System (NAS) and coordinate with government and industry stakeholders.

Due Date: 06/30/23

23Ey.9F2 - Internal Target: Develop Draft Federal Aviation Administration (FAA) Internet Protocol Suite (IPS) Gateway Acquisition Strategy

Owner: James Baird

Description: Develop a draft plan to generate the key system engineering products required for each Internet Protocol Suite (IPS) Gateway Acquisition Management System (AMS) Decision Point.

Due Date: 09/30/23

23Ey.10 - Internal Initiative: Remote Towers

Owner: John Maffei

Description: The FAA will work with commercial vendors to support approval of Remote Tower Systems. These systems will potentially provide more cost effective solutions to traditional brick and mortar towers, especially for smaller rural communities.

23Ey.10A - Internal Activity: Remote Towers

Owner: Westley Wright

Description: Remote Tower Pilot Program will continue to provide ATCT operations at Leesburg (JYO) airport with the Remote Tower system, while continue to work with the vendor on System Design Approval (SDA) process; continue to evaluate another Remote Tower system at the Fort Collins (FNL) airport and determine path forward based on system deficiencies identified during the Phase 1 evaluation; and continue to coordinate with stakeholders in developing plan for establishing the Remote Tower testbed at WJHTC.

23Ey.10A1 - Internal Target: Review Intake Documentation for Frequentis-Raytheon Remote Tower System

Owner: Shelly Beauchamp

Description: Review submitted Frequentis-Raytheon Intake documentation to support a go/no-go decision to Remote Tower pilot program based on the vendor's apparent ability to complete System Design Approval.

Core Coordinated: Agreed

Due Date: 03/31/23

23Ey.10A2 - Internal Target: Remote Tower (RT) Test Bed Facility at WJHTC

Owner: Natee Wongsangpaiboon

Description: Identify space for a Remote Tower test bed facility at the Tech Center.

Due Date: 04/30/23

23Ey.10A3 - Internal Target: Remote Tower Operational Safety Assessment (OSA) Update

Owner: Shelly Beauchamp

Description: Update the Remote Towers Operational Safety Assessment (OSA) to expand the scope to include multiple runway airports and certain optional functions. This will require an OSA Panel meeting and updates to the OSA document.

Core Coordinated: Agreed

Due Date: 04/30/23

23Ey.10A4 - Internal Target: Saab Remote Tower Compliance Matrix Update

Owner: Shelly Beauchamp

Description: Update the Saab remote tower (r-TWR) compliance matrix to indicate status of System Design Approval efforts.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ey.11 - Internal Initiative: AJW-1 Operations Support

Owner: Gina Kugel

Description: Provide the support structure, methodology, tools, procedures, performance monitoring and assurance necessary for the proper operation and maintenance of the National Airspace System and the Technical Operations Service Unit.

23Ey.11A - Internal Activity: AJW-12 NAS Modernization Group: Disaster Preparedness - Develop National Airspace Resiliency Model

Owner: Paula Seeley

Description: Develop and update resiliency model to address hardening of the maintenance and operation of the NAS.

23Ey.11A1 - Internal Target: Develop National Airspace System Resiliency Model

Owner: Paula Seeley

Description: Develop the BETA version of the Resiliency Assessment and Analysis Model (RAAM) comparison tool.

Due Date: 08/01/23

23Ey.11B - Internal Activity: Maintenance Optimization

Owner: Paula Seeley

Description: Mx Optimization Program will continue to expand service thread concepts and evaluate/test additional maintenance automation concepts.

23Ey.11B1 - Internal Target: EC pilot program expansion

Owner: Paula Seeley

Description: Implement Phases 2 - 4 of the EnRoute Communications Service Thread throughout the remaining facilities in the Boston District.

Due Date: 08/01/23

23Ey.11B2 - Internal Target: Develop automated maintenance proof case of the Boston ATCT Instrument Landing System (ILS).

Owner: Paula Seeley

Description: Develop a scheduled RMM data capture of the key performance parameters and associated parts lists that will automate monthly maintenance actions for the Boston ILS Mark20 Glideslope.

Due Date: 08/01/23

23Ey.11C - Internal Activity: AJW-12 NAS Modernization Group: Update Non-Federal Policy Order

Owner: Paula Seeley

Description: Update Non-Federal Policy Order

23Ey.11C1 - Internal Target: Policy Update

Owner: Paula Seeley

Description: Complete publication of Order 6700.20 Revision C.

Due Date: 05/31/23

23Ey.11C2 - Internal Target: Non-fed AWOS Training for Inspectors

Owner: Paula Seeley

Description: Convene working group to determine training requirements for FAA Inspectors of Non-federal AWOS and deliver final report.

Due Date: 07/28/23

23Ey.11D - Internal Activity: Implementation of proven UAS capabilities to key SSCs.

Owner: Paula Seeley

Description: Implementation of proven UAS capabilities to key SSCs for use in augmenting field maintenance operations, restoration, and emergency activities.

23Ey.11D1 - Internal Target: Implementation of proven UAS capabilities to key SSCs.

Owner: Paula Seeley

Description: Operationalize use of proven UAS technology and capabilities for off airport UAS operations to key SSCs as an option to augment field maintenance infrastructure inspections and emergency response activities.

Due Date: 09/30/23

23Ey.11D2 - Internal Target: Establish Blanket Purchase Agreement (BPA) for UAS vendor activities

Owner: Paula Seeley

Description: Establish contract vehicle with FAA Acquisition and Business Services (AAQ) in order to add UAS vendors approved by FAA Flight Program Operations (AJF) to provide recurring emergency and normal UAS operational services.

Due Date: 09/30/23

23Ey.11E - Internal Activity: AJW-13 NAS Integration and Support Group

Owner: Mark Michaud

Description: Oversee Capital Investment Programs along with NEXTGEN integration and implementation of systems in the NAS. Provide policies, management visibility, and processes for Technical Operations lifecycle management support for NAS systems through initial acquisition, solution implementation, and receipt, installation, maintenance, and final disposition of equipment. Provide tracking and control, maintenance operational concepts, maintenance policies, sustainment requirements, Human Systems Integration, remote maintenance monitoring requirements and supply support requirements to the Program Management Office, NEXTGEN Office and Mission Support Organizations.

23Ey.11E1 - Internal Target: Shared Service Partnership Agreement

Owner: Mark Michaud

Description: Complete alignments of 15 each ASR facilities to True North.

Due Date: 09/30/23

23Ey.11F - Internal Activity: AJW-14 National Airway Systems Engineering Group Project Delivery

Owner: Shaun Mach

Description: Implementation of modifications, tech refreshes, software releases, sub-systems replacements, and implementations.

23Ey.11F1 - Internal Target: Saab - Sensis SMR Implementation

Owner: Mark Michaud

Description: Replace Raytheon surface movement radar (SMR) subsystem with Saab-Sensis SMR subsystems at two (2) ASDE-X equipped airports.

Due Date: 09/30/23

23Ey.11F2 - Internal Target: ATAP Implementation

Owner: Mark Michaud

Description: Complete ASDE-X Taxiway Arrival Prediction (ATAP) implementations at two (2) airports.

Due Date: 09/30/23

23Ey.11F3 - Internal Target: ASSC Software Release

Owner: Mark Michaud

Description: Complete ASSC Taxiway Arrival Prediction (ATAP) implementation at seven (7) airports.

Due Date: 09/30/23

23Ey.11F4 - Internal Target: Deploy enhanced ASR-9 False Target mitigation capabilities

Owner: Mark Michaud

Description: Successful Modification Testing at two keysite locations.

Due Date: 09/30/23

23Ey.11F5 - Internal Target: Complete SBSM Tech Refresh

Owner: Mark Michaud

Description: Successful Modification Testing at one keysite location.

Due Date: 09/30/23

23Ey.11F6 - Internal Target: ATCBI-6 TDM to IP

Owner: Mark Michaud

Description: Successful Modification Testing at one beacon only keysite location.

Due Date: 09/30/23

23Ey.11F7 - Internal Target: Improve ASR-8 CTD Weather Product for ATC

Owner: Mark Michaud

Description: Release SSM for CTD Software Build Upgrade.

Due Date: 09/30/23

23Ey.11F8 - Internal Target: NextGen DME

Owner: Michael Hartzog

Description: Develop a solution for DME ident sync pulse for a co-located Selex DME.

Due Date: 09/30/23

23Ey.11F9 - Internal Target: National Test Equipment Program M17.01-02

Owner: Gina Oliver

Description: Purchase and delivery of 200 pieces of Test Equipment.

Due Date: 09/30/23

23Ey.11G - Internal Activity: AJW-16 NAS Operations Assurance Group

Owner: Allan Borling

Description: The Operations Assurance Group strives to ensure a safe and efficient National Airspace System (NAS) through effective management and operation of the infrastructure, providing quality service delivery and optimal utilization of resources. Provide FAA management with information to make decisions supporting safe, effective, and efficient operation of the NAS. Develop and improve NAS performance policy compliance.

23Ey.11G1 - Internal Target: Improve NAS Performance Reporting Policies

Owner: Allan Borling

Description: Complete Control Center & LF audits (1 OCC/OEC, 3 ARTCC SOC, 2 TRACON SOC) for NAS Policy compliance. Review and validate accuracy of 10% of all the National Airspace Performances Reporting System desk guides and Line Frequency (LF) example sheets.

Due Date: 09/30/23

23Ey.11G2 - Internal Target: Core NAS Policy Compliance

Owner: Allan Borling

Description: Develop virtual, asynchronous policy training modules / videos (Core NAS Policy Compliance) and secure eLMS learning ID numbers to modularize the current instructor-led workshop.

Due Date: 09/30/23

23Ey.11G3 - Internal Target: Policy Order

Owner: Allan Borling

Description: Complete revision of NAS Contractor-Assisted Maintenance Order - send order out for national comments.

Due Date: 09/30/23

23Ey.11G4 - Internal Target: NAS Technical Order

Owner: Allan Borling

Description: Complete revision of NAS Technical Evaluation Order - send order out for national comments

Due Date: 09/30/23

23Ey.11G5 - Internal Target: RMLS Sustainment

Owner: Allan Borling

Description: RMLS Sustainment will complete last site Initial Operational Capability (IOC) milestone

Due Date: 09/30/23

23Ey.11H - Internal Activity: AJW-17 Communications, Flight Services and Weather Engineering Group

Owner: Michael Hartzog

Description: Administer technical support to manage and maintain NAS systems. Provide technical assistance for restoration/on-site requests when required.

23Ey.11H1 - Internal Target: Administer Technical Support to Manage and Maintain NAS Systems

Owner: Michael Hartzog

Description: Complete OT of final legacy FNS release, 2.20 Database Upgrade. Develop draft SSM-FNS-001, FNS Modernization, the first part of the migration of FNS to IESP.

Due Date: 09/30/23

23Ey.11I - Internal Activity: AJW-1900 Spectrum Service Area

Owner: Michael Weiler

Description: RFI investigation

23Ey.11I1 - Internal Target: Spectrum Service Area

Owner: Michael Weiler

Description: Provide 3x 1-hr lessons learned on RFI investigation cases to explain sources of RFI to help personnel engineering assignments in the future to be aware, aid in other groups' RFI investigation, and invite personnel outside Spectrum to discussion to gain better awareness of why prevention of RFI through deconfliction and allocation is essential and hunting down RFI on the back end of when a system is already transmitting is much harder.

Due Date: 09/30/23

23Ey.11I2 - Internal Target: Spectrum Western Service Area Frequency Audits

Owner: Michael Weiler

Description: Conduct a total of 2-3 frequency audits at ARTCCs and Large TRACONs to assess and optimize ATC airspace assignments.

Due Date: 09/30/23

23Ey.11J - Internal Activity: AJW-1900 Spectrum Engineering Services Group

Owner: Michael Weiler

Description: Spectrum Testing & Engineering Analysis provides for and protects the radio frequency spectrum that supports civil aviation communications, navigation, and surveillance services by conducting tests & studies on avionic equipment, developing radio frequency equipment & software, and researching
and determining the causes of Radio Frequency Interference (RFI), and conducting RFI training classes

23Ey.11J1 - Internal Target: Spectrum Engineering Services

Owner: Michael Weiler

Description: Provide a spectrum workshop for 1 hour to PMO and ATO where we explain spectrum allocations, upcoming auctions and new technology/services being considered for allocation, coordination of frequency assignments for FAA facilities and equipment, and spectrum requirements related to JRC.

Due Date: 09/30/23

23Ey.11J2 - Internal Target: Spectrum Engineering Services

Owner: Michael Weiler

Description: Develop draft framework for the FAA Enterprise Strategy.

Due Date: 09/30/23

23Ey.11K - Internal Activity: AJW-1920 Spectrum Planning and International Team

Owner: Michael Weiler

Description: Spectrum Planning and International Team

23Ey.11K1 - Internal Target: Develop online tracker

Owner: Michael Weiler

Description: Develop online tracker to improve Link-16 certification for DOD and NTIA to highlight metrics of amount of time waiting for certification, tracking action items and number of systems requiring certification.

Due Date: 09/30/23

23Ey.12 - Internal Initiative: AJW-2 Facilities and Engineering Services

Owner: Randall Burke

Description: The Facilities and Engineering Services directorate is a part of the Air Traffic Organization's Technical Operations service unit and is responsible for the safe and effective lifecycle management of the facilities infrastructure of the National Airspace System (NAS).

23Ey.12A - Internal Activity: ATCT / TRACON Modernization (F01.01-00 / F35.06-01)

Owner: Gerard Oswald

Description: ATCT/TRACON facilities will be modernized to address operational and safety issues, including improving the visibility of the entire airport surface from the cab, improving accessibility, removing hazardous materials and upgrading structures to meet current seismic standards. Facility improvements must be completed with minimal impact on existing operations.

23Ey.12A1 - Internal Target: ATCT / TRACON Sustainment

Owner: Jim Pasto

Description: Complete 30 improvement projects.

Due Date: 09/30/23

23Ey.12A2 - Internal Target: ATCT / TRACON Replacement

Owner: Jim Pasto

Description: Award two (2) Design Task Orders.

Due Date: 09/30/23

23Ey.12B - Internal Activity: ARTCC Modernization (F06-01-00 / F35.02-01 / F35.03-01)

Owner: Gerard Oswald

Description: Multi-year facility modernization and sustainment program that addresses physical plant requirements for the FAA's 21 ARTCCs as well as the Combined Control Facilities (CCF) at San Juan and Guam. These facilities were originally constructed approximately 50 years ago and have expanded in phases since then. Much of the plant equipment within these buildings has exceeded its life expectancy and must be replaced. This program replaces obsolete equipment and provides an efficient, reliable, and safe work environment for En Route air traffic control operations.

23Ey.12B1 - Internal Target: ARTCC Modernization

Owner: Mark Brandewie

Description: Complete Fifty (50) Major Modernization, Mission Critical, and Local Sustainment Projects inclusive of Capital Investment Plans (CIP's): F06.01-00, F22.01-01, F34.01-01, F35.02-01, and F35.17-01.

Due Date: 09/30/23

23Ey.12C - Internal Activity: NAS Power Systems Repair and Replace (F11.01-02 / F35.13 -01 / F35.17-01)

Owner: Peter Megna

Description: The Power program will replace, refurbish, and renew components of existing power systems and cable infrastructure when necessary to maintain and improve the overall electrical power quality, reliability, and availability. The Power program is critical to both maintaining and increasing NAS capacity by improving the quality, reliability, and availability of electrical power provided to NAS electrical communication, navigation, and surveillance equipment.

23Ey.12C1 - Internal Target: Overall Power Systems Repair and Replace Projects

Owner: Peter Megna

Description: Sustain existing NAS power systems by completing 75 projects.

Due Date: 09/30/23

23Ey.12C2 - Internal Target: Battery Systems Replacement

Owner: Peter Megna

Description: Sustain existing NAS power systems by completing 105 battery replacement projects

Due Date: 09/30/23

23Ey.12D - Internal Activity: FAA Unstaffed Infrastructure Sustainment (F12.00-00 / F35.09-01)

Owner: Mark Price

Description: The Unstaffed Infrastructure Sustainment (UIS) program supports NAS structures and equipment to ensure reliable delivery of air traffic control services and capabilities from the 36,293 unstaffed facilities within the NAS.

23Ey.12D1 - Internal Target: FAA Unstaffed Infrastructure Sustainment

Owner: Mark Price

Description: Complete a combined total of 80 Ops, F&E, and BIL funded unstaffed infrastructure sustainment projects

Due Date: 09/30/23

23Ey.12E - Internal Activity: Fuel Storage Tanks (F13.01-00 / F35.08-01)

Owner: Peter Megna

Description: Conduct Replacement, Modernization, and Upgrades of the NAS Fuel Storage Tank Portfolio. Enhance operational readiness, attain regulatory compliance, and conform to life-cycle management goals for fuel storage tank (FST) systems at national airspace system (NAS) facilities.

23Ey.12E1 - Internal Target: Fuel Storage Tanks

Owner: Peter Megna

Description: Replace, modernize, or upgrade 50 NAS storage tank systems selected in accordance with FST program and ATC Facilities' prioritization processes.

Due Date: 09/30/23

23Ey.12F - Internal Activity: Environmental Cleanup (HAZMAT) (F13.02-00 / F35.14-01)

Owner: Jennifer Mann

Description: Perform environmental remediation activities at active and historic FAA and neighboring properties where environmental impacts occurred from FAA operations.

23Ey.12F1 - Internal Target: Environmental Cleanup

Owner: Jennifer Mann

Description: Conduct environmental remediation actions that result in a reduction of 40 identified Areas of Concern.

Due Date: 09/30/23

23Ey.12G - Internal Activity: NAS Facilities OSHA & Environmental Standards Compliance Environmental and Occupational Safety & Health (EOSH) (F13.03-00 / F35.07-01)

Owner: Jennifer Mann

Description: Design and implement engineered solutions to mitigate identified employee safety, employee health, and environmental impact risks.

23Ey.12G1 - Internal Target: Mitigate Fall Hazard Conditions

Owner: Jennifer Mann

Description: Mitigate fall hazard conditions at 80 facilities.

Due Date: 09/30/23

23Ey.12G2 - Internal Target: Confined Space Assessments

Owner: Jennifer Mann

Description: Complete confined space assessments at 40 SSCs

Due Date: 09/30/23

23Ey.12G3 - Internal Target: Electrical Safety

Owner: Jennifer Mann

Description: Mitigate electrical safety hazard at two (2) facilities by replacing pole mounted transformers with pad mounted transformers protected by enclosure.

Due Date: 09/30/23

23Ey.12G4 - Internal Target: Abate Asbestos

Owner: Jennifer Mann

Description: Abate asbestos containing materials at nine (9) facilities.

Due Date: 09/30/23

23Ey.12G5 - Internal Target: Fire Systems Electrical Generators

Owner: Jennifer Mann

Description: Mitigate Fire Life Safety hazard by replacing outdated Emergency Generators for the stairwell pressurization system with UPS at three (3) ATCT's.

Due Date: 09/30/23

23Ey.12H - Internal Activity: Energy Cost Savings Management and Compliance (F13.04-02 / F35.12-01)

Owner: Jennifer Mann

Description: Facilitate ATO-wide reductions of energy and water use by adopting best industry practices and integration of cost-effective, energy-efficient technologies.

23Ey.12H1 - Internal Target: Energy Cost Savings Management and Compliance

Owner: Jennifer Mann

Description: Address legislative mandates and reduce ATO energy consumption and greenhouse gas (GHG) emissions by completing two (2) advanced meter installations and three (3) energy and water improvement projects.

Due Date: 09/30/23

23Ey.12I - Internal Activity: FAA Employee Housing and Life Safety Shelter Systems (F20.01-01 / F35.10-01)

Owner: Andrew Cunningham

Description: Repair, replace, install housing and life safety shelters.

23Ey.12I1 - Internal Target: Employee Housing and Life Safety Shelters

Owner: Andrew Cunningham

Description: Complete three (3) housing program projects.

Due Date: 09/30/23

23Ey.12J - Internal Activity: Facility Security Risk Management (F24.02-01 / F35.15-01)

Owner: Herbert Frazier

Description: The Facility Security Risk Management (FSRM) program provides risk mitigation at FAA staffed facilities, such as centers, towers, and terminal radar approach control facilities. The program provides an integrated security system that includes access control, surveillance, x-ray machines, metal detection, and intrusion detection. Upgrades include those for guardhouses, visitor parking, fencing, perimeter hardening, window blast protection, and lighting.

23Ey.12J1 - Internal Target: FRSM: Complete Technical Refresh Upgrades

Owner: Herbert Frazier

Description: Complete technical refresh modernization at 10 sites. (Per FAA Order 1600.69)

Due Date: 09/30/23

23Ey.12K - Internal Activity: Real Property Disposition Program (F26.01-01 / F35.11-01)

Owner: Mark Price

Description: Plan and implement real property infrastructure dispositions and site restorations at legacy sites that were operational before April 1, 1996 and are now decommissioned and have no supporting program office. This includes infrastructure dispositions and real property site restorations, hazardous materials abatement and/or remediation, and disposition, termination phase one Environmental Due Diligence Audits, and cultural historic preservation and natural resource protection locations.

23Ey.12K1 - Internal Target: Real Property Disposition Program

Owner: Andrew Cunningham

Description: Complete 30 real property disposition projects.

Due Date: 09/30/23

23Ey.12L - Internal Activity: Mobile Asset Sustainment Program (MASP) (F31.01-01 / F35.06-01)

Owner: Cassandra Leid

Description: The Mobile Asset Sustainment Program (MASP) provides continuity of operations during facility outages and provides mobile asset support during facility modernization efforts. Mobile Assets provides for the continuity of restoral of air traffic control when an air traffic control tower (ATCT) or other NAS system is out of service due to a disaster, extensive repair, modernization, or upgrade.

23Ey.12L1 - Internal Target: Design and build 2 Mobile Asset Staging Areas

Owner: Cassandra Leid

Description: Design and fabricate two (2) Medium (2 position) Mobile ATCTS (MMATCTs) Facility.

Due Date: 09/30/23

23Ey.12L2 - Internal Target: Design and build Large Mobile Air Traffic Control Tower

Owner: Cassandra Leid

Description: Procure and fabricate one (1) Large (4 position) Mobile ATCTS (LMATCTs) Facility.

Due Date: 09/30/23

23Ey.12M - Internal Activity: Long-Range Radars Sustainment (F04.02-03 / F35.04-01)

Owner: Mark Price

Description: The Long-Range Radar (LRR) Infrastructure Upgrades/Sustainment program modernizes and upgrades the radar facilities that provide aircraft position information to FAA's en route control centers and other users. As facilities reach the end of designed service life they require renovation and upgrades to
maintain required level of service. The scope of the LRR Infrastructure Improvements Program includes renovation and upgrades of HVAC system, electrical system, building, tower structure, and facility ground and access.

23Ey.12M1 - Internal Target: Upgrade and sustain long-range radars

Owner: Toan Dang

Description: Complete one (1) long range radar sustainment project.

Due Date: 09/30/23

23Ey.15 - Internal Initiative: ATO UAS Services Plan Priority 3 - BVLOS Operations at or Below 400 FT. AGL and UTM

Owner: Dan Hicok

Description: To enable standardized and safe integration, the ATO is prioritizing policy updates, requirements development, and other integration efforts to enable BVLOS operations at or below 400 ft. AGL. The ATO is working with other LOBs to continue evaluating the UAS BVLOS ARC Final Report recommendations and identify follow-on activities to support and enable BVLOS operations.

23Ey.15A - Internal Activity: Begin development of oversight processes for third-party UTM system/services.

Owner: Shelly Beauchamp

Description: Provide explanation of the overarching work areas that will have to be addressed in order to define ATO oversight policy for non-federal/third-party UTM systems and services.

Core Coordinated: Agreed

23Ey.15A1 - Internal Target: Initial Considerations in Developing Third-Party Systems/Service Oversight Policy

Owner: Shelly Beauchamp

Description: Report on Initial Considerations in Developing Third-Party System/Service Oversight Policy

Due Date: 09/30/23

23Ey.15B - Internal Activity: ATO Strategy for UTM Services

Owner: Guillermo Sotelo

Description: Facilitate the development of an ATO strategy for needed UTM services in alignment with applicable FAA enterprise documents (e.g., UTM ConOps (ANG), UTM Implementation Plan (AUS)).

23Ey.15B1 - Internal Target: ATO UTM Strategic Roadmap

Owner: Guillermo Sotelo

Description: Develop a ATO UTM Strategic Roadmap

Due Date: 06/30/23

23Ey.16 - Internal Initiative: ATO UAS Services Plan Priority 5 - Security of the NAS and UAS Operations

Owner: Dan Hicok

Description: As UAS technology and operational use evolves, so do opportunities for various malicious and disruptive activities including vulnerabilities in data exchange. Intentionally or unintentionally, UAS have increasingly caused disruption to aviation operations. The ATO must continue to prioritize coordination across various security stakeholders to integrate a standardized response that mitigates cybersecurity threats and other security risks associated with UAS operations.

23Ey.16A - Internal Activity: Unmanned Aircraft Systems (UAS) Operations Security

Owner: Brandon Youngblood

Description: Deliver efficient FAA vetting of authorized federal security agency C-UAS use in the NAS, which promotes safe integration by determining NAS risks and associated mitigations. C-UAS integration includes, but not limited to intra- and inter- agency stakeholder engagement, federal policy development, implementation, and improvement, and risk assessment evaluation. Manage ATO security equities as it pertains to the continued integration of UAS into the NAS.

Core Coordinated: Agreed

23Ey.16A1 - Internal Target: UAS Planning

Owner: Talwyn Haley

Description: Develop and submit 7610.4W Document Change Proposal (DCP) to include UAS Detect, Identify, Monitor, and Track (DIMT) passive Radio Frequency (RF) technology safety review process.

Due Date: 09/30/23

23Ey.16A2 - Internal Target: UAS Detection and Mitigation

Owner: Talwyn Haley

Description: Continue to develop C-UAS performance and operational standards. Verify developed standards safety rigor through the Safety Risk Management (SRM) process.

Due Date: 09/30/23

23Ey.16A3 - Internal Target: UAS Security Operations Integration

Owner: Langston Majette

Description: Complete C-UAS NAS integration 10-year strategic plan and identify opportunities on how to use this document to influence ATO, FAA, DOT, and interagency planning.

Due Date: 09/30/23

23Ey.16B - Internal Activity: Determine cybersecurity impacts and requirements for sharing NAS data externally.

Owner: Hector Morales

Description: Provide an explanation of security requirements and processes for sharing data and information between FAA ATO NAS systems and entities external to the FAA.

Core Coordinated: Agreed

23Ey.16B1 - Internal Target: Determine cybersecurity impacts and requirements for sharing NAS data externally.

Owner: Hector Morales

Description: Report on the creation of security processes and requirements for connections between FAA and non-FAA systems.

Due Date: 09/30/23

23Ey.17 - Internal Initiative: Automation Evolution Strategy (AES)

Owner: John Maffei

Description: FAA is exploring a service-based approach to modernize its NAS automation, with emphasis on a more timely, cost-effective, and agile development approach to the delivery of NAS capabilities. The Automation Evolution Strategy's key vision is the transition to a layered, service-based architecture that take advantage of modern development methodologies and technologies.

23Ey.17A - Internal Activity: Automation Evolution Strategy

Owner: Westley Wright

Description: Identify key operational and infrastructure needs for the NAS computing, platform, and mission software layers to enable the proposed Automation Evolution Architecture. The activity will integrate Operating Environments, Information Security and Mission and Common Service perspectives.

23Ey.17A2 - Internal Target: Deliver Report on Shared Services

Owner: Aruna Gandreti

Description: This deliverable will encompass activities related to analysis of platform and compute technologies that can be used in the future NAS cloud environment to support design, development and deployment of NAS services and applications and also a determination on which of these could deployed as enterprise services. In addition, analysis to determine what can be leveraged as enterprise shared services across all OEs vs services specific to each OE will also be performed. Policies regarding use of shared services and recommendations on platform and compute/infrastructure technologies/tools that can be deployed as shared services will be captured in the report.

Due Date: 08/31/23

23Ey.17A3 - Internal Target: Deliver Final Architecture

Owner: Aruna Gandreti

Description: This deliverable will expand on the initial technical architecture description to show the dependencies and interactions between the layers of a service based architecture and the connectivity between the Automation Evolution Strategy (AES) operating environments. The report will define the characteristics of the environments (to support services and functions with various security and Reliability, Maintainability, and Availability (RMA) needs). The final set of assumptions and intermediate steps needed to achieve the AES service based architecture will be outlined. This report will inform requirements to the FAA programs such as SWIM, FMDS, CSS-FD etc. to support their future acquisition strategy.

Due Date: 09/30/23

23Ey.31 - Internal Initiative: Charting Aviation's Future

Owner: John Maffei

Description: The National Airspace System (NAS) 2035 initiative includes activities for the research, development, concept maturation, and technology transfer of air traffic capabilities to build towards our goals for the NAS, including opportunities afforded by technology advances enabling changes to the future environment and the anticipated changes in the areas of operations, safety assurance, and infrastructure that modernize the NAS and facilitate the integration of new entrants. These activities are anticipated to deliver benefits in terms of efficiency, flexibility, throughput, safety, and predictability for all of air traffic management, including access for new entrants.

23Ey.31A - Internal Activity: Advanced Air Mobility Beyond Visual Line of Sight National Airspace System Evaluation – Phase 2

Owner: Westley Wright

Description: The Advanced Air Mobility (AAM) Beyond Visual Line of Sight (BVLOS) National Airspace System (NAS) Evaluation (BNE) Phase 2 will continue to evaluate the integration of BVLOS operations in the NAS using large (>55 lbs) unmanned aircraft systems (UAS) as a platform above 400ft Above Ground Level. This project will analyze, test, and evaluate (using live flights) multiple use cases and scenarios to identify gaps and associated impacts of BVLOS operations on Communication, Navigation, Surveillance (CNS) services and interactions among actors (Air Traffic Control, Unmanned Service Supplier, Remote Pilot In Command, manned aircraft pilots, etc.). Compared to Phase 1, Phase 2 research will evaluate scenarios with increased operational and environmental complexity, increased operational tempo, and variability of vehicles. This project will further advance the integration of BVLOS into the NAS.

23Ey.31A1 - Internal Target: Advanced Air Mobility (AAM) Beyond Visual Line of Sight (BVLOS) National Airspace System (NAS) Evaluation (BNE) Final Report

Owner: Nabil Sandhu

Description: This report encompasses the activities undertaken to conduct the live flight demonstrations conducted with industry partners do demonstrate the full capabilities of the Advanced Air Mobility (AAM) Beyond Visual Line of Sight (BVLOS) National Airspace System (NAS) Evaluation (BNE) concept. The AAM BNE Final Report will document the challenges and lessons learned from the evaluations and propose future areas of exploration to move towards BVLOS operations within the NAS

Due Date: 09/30/23

23Ey.31A2 - Internal Target: Updated Operational Use Case Report

Owner: Nabil Sandhu

Description: This report illustrates specific examples of operational use cases that highlight AAM BNE Phase 2 flight operations and the required capabilities and operations in live and simulated flights. This report will consider existing and emerging capabilities to formulate operational use cases. Further, this report will capture the impacts of a new platform, new test site, and extended live flight evaluation period on the previous Use Case Report and expand upon the operations, capabilities, and interactions to be exhibited during the evaluations.

Due Date: 01/31/23

23Ey.31C - Internal Activity: Cloud ERAM in a Box (Cloud-EIB)

Owner: Westley Wright

Description: TThe Cloud En Route Automation Modernization in a Box (Cloud-EIB) prototype effort will continue prototyping and testing efforts. In addition, a Transition Strategy document will be developed which delineates the path toward enabling the EIB as a cloud service in the R&D domain

23Ey.31C1 - Internal Target: Develop a transition strategy document

Owner: Andras Kovacs

Description: Develop a strategy for transitioning a Cloud-ERAM-in-a-Box (Cloud-EIB) prototype into a service available for future research and development projects. This report will detail solutions for connections and data flows between the Cloud-EIB and FAA resources and include use cases for the Cloud-EIB

Due Date: 04/30/23

23Ey.31C2 - Internal Target: Develop a final prototyping report

Owner: Andras Kovacs

Description: Develop a report summarizing the Cloud-ERAM-in-a-Box (Cloud-EIB) prototyping effort. It will consider inputs from the Cloud-EIB Gap Analysis, Transition Strategy, and Prototyping reports

Due Date: 09/30/23

23Ey.31D - Internal Activity: Performance Based Flow Management (PBFM) eXtensible Traffic Management (xTM) Interactions

Owner: Westley Wright

Description: Building on previous work which developed the Concept of Operations and Use Case documents, Performance Based Flow Management (PBFM) eXtensible Traffic Management (xTM) Interactions will continue investigating the interactions between traffic flow management (TFM) and xTM services within the PBFM environment. This will include development of operational scenarios and a series of tabletop exercises.

23Ey.31D1 - Internal Target: Update operational use cases/scenarios

Owner: Andras Kovacs

Description: Update the initial set of PBFM xTM Interactions operational use cases/scenarios. The update will incorporate feedback and results from the first Tabletop Exercise, which was conducted with ANG stakeholders

Due Date: 02/28/23

23Ey.31D2 - Internal Target: Perform tabletop exercise

Owner: Andras Kovacs

Description: Perform a tabletop exercise with PBFM and xTM stakeholders external to ANG. The tabletop exercise will assess the validity of a set of operational use cases/scenarios regarding the interactions necessary to incorporate xTM operations into the PBFM environment

Due Date: 04/30/23

23Ey.31D3 - Internal Target: Develop a recommendations/lessons learned document

Owner: Andras Kovacs

Description: Develop a report which summarizes the results and lessons learned of the various PBFM xTM Interactions Tabletop Exercises. The report will also provide recommendations on next steps for further maturing the PBFM concept the integration of xTM in that environment

Due Date: 09/30/23

23Ey.31E - Internal Activity: Flight Data Input/output Data/Message Analysis

Owner: Westley Wright

Description: Following on from the previous Flight Data Input/output cloud capability analysis, this activity will perform a deep-dive analysis of the messages and data on interfaces between the Personal Computer Remote Control Unit (PC-RCU) and En Route Automation Modernization (ERAM) and Terminal Flight Data Manager (TFDM) systems.

23Ey.31E1 - Internal Target: Develop an initial draft of the FDIO Data Analysis Report

Owner: Andras Kovacs

Description: Develop the initial report on the FDIO Data Analysis activity. The initial draft will summarize the FDIO data received, and the tools and environment used to securely store and analyze it

Due Date: 06/30/23

23Ey.31E2 - Internal Target: Develop the final draft of the FDIO Data Analysis Report

Owner: Andras Kovacs

Description: Develop the final report on the FDIO Data Analysis activity. The final draft will analyze the FDIO data format and contents, and provide insights into the data and messages that flow between FDIO, ERAM, and TFDM to inform future cloud/service transition plans.

Due Date: 09/30/23

23Ey.31F - Internal Activity: Innovative Airports

Owner: Westley Wright

Description: The Innovative Airports project will continue investigating the use of low-cost technologies (such as mobile data networks) to provide situational awareness to pilots at non-surveillance airports. The project will develop a concept of operations and conclude with a demonstration of the prototyped surveillance capability

23Ey.31F1 - Internal Target: Develop a demonstration execution plan

Owner: Andras Kovacs

Description: Develop a demonstration execution plan which details Innovative Airports demonstration objectives, entry and exit criteria, roles and responsibilities, and dependencies.

Due Date: 12/31/22

23Ey.31F2 - Internal Target: Develop a demonstration readiness review report

Owner: Andras Kovacs

Description: Develop a report which details the results of the Innovative Airports demonstration readiness review. The report will review the demonstration architecture, connectivity to SWIM, demonstration execution plan, and requirements

Due Date: 04/30/23

23Ey.31F3 - Internal Target: Develop a final demonstration report

Owner: Andras Kovacs

Description: Develop a report which summarizes the Innovative Airports prototyping and demonstration activities. The report will detail issues experienced and benefits realized during the Innovative Airports project

Due Date: 07/31/23

23Ey.31G - Internal Activity: Unmanned Aircraft System (UAS) Traffic Management (UTM) Field Test

Owner: Westley Wright

Description: The Office of NextGen will execute Unmanned Aircraft System (UAS) Traffic Management (UTM) Field Test in collaboration with industry partners. UTM Field Test will conduct live flight test activities to test updates to UTM technology and validate UTM data exchanges and operations based on proposed standards to support routine Beyond Visual Line of Sight (BVLOS) operations. Upon completion of the Field Test, UTM Field Test Report and Lessons Learned Package will be produced. The package will include detailed record of Field Test results including those from testing of technical functionalities, validation of the proposed standards, and lessons learned from the perspective of industry partners.

23Ey.31G1 - Internal Target: UTM Field Test Report and Lessons Learned Package

Owner: Nabil Sandhu

Description: Complete testing all technical functionalities between service providers and the UTM ecosystem and develop detailed record of Field Test results from the perspective of industry partners

Due Date: 07/31/23

23Ey.31G2 - Internal Target: UTM Field Test Cyber Security Report

Owner: Nabil Sandhu

Description: Develop cybersecurity framework for field testing in alignment with FAA's Enterprise Identity and Access Management (IAM) principles, complete analysis and provide recommendations to update cybersecurity for UTM

Due Date: 08/30/23

23Ey.31H - Internal Activity: Implement the InfoCentric NAS Workforce Development Roadmap

Owner: Annie Augustin

Description: Implement the InfoCentric NAS Workforce Development Roadmap, which includes learning and development activities to prepare ANG employees for the future.

Core Coordinated: Agreed

23Ey.31H1 - Internal Target: Evaluate and Continue Implementing the Micro-Credentialing Program

Owner: Clifton Baldwin

Description: Obtain feedback from participants to evaluate the Exploration level of the micro-credentialing program and develop a plan to implement the Experienced level.

Due Date: 12/31/22

23Ey.31H2 - Internal Target: Develop Info-Cenric (I-CN) Training

Owner: Stacey Hamilton

Description: Review and update the Info-Cenric (I-CN) Workforce Development Roadmap and develop training opportunities as defined on the Roadmap.

Due Date: 09/30/23

23Ey.31H3 - Internal Target: Implement the Micro-Credentialing Program (Based on Organizational Needs)

Owner: Clifton Baldwin

Description: Using relevant data analytics, implement the next level of the micro-credentialing program that best meets the needs of the ANG workforce.

Due Date: 09/30/23

23Ey.31I - Internal Activity: Flight Information Exchange Model (FIXM) Development

Owner: Westley Wright

Description: Flight Information Exchange Model (FIXM) is the standard format of Flight Object data sent between systems, allowing more users to share flight information and coordinate on the various activities concerning a flight. The development will include U.S. specific extensions and core standard which is used internationally. FY23 work is aligned to maturing FIXM Core.

23Ey.31I1 - Internal Target: Update paper to the International Civil Aviation Organization (ICAO)

Owner: Benjamin Marple

Description: Complete the FIXM status update paper to the International Civil Aviation Organization (ICAO) for communication with the Air Traffic Management Requirements and Performance Panel -Status paper will include a schedule of FIXM activities, recent developments for the model, and communication with the community

Due Date: 12/31/22

23Ey.31I2 - Internal Target: Release FIXM v4.3 Core Release Candidate-

Owner: Benjamin Marple

Description: The Release Candidate will be used for final coordination and testing for the FIXM 4.3 release. The release will include an updated model, updated FF-ICE templates, and UML diagrams

Due Date: 03/31/23

23Ey.32 - Internal Initiative: Proactive Security and Safety

Owner: Gary Miller

Description: Protect the United States and its interests from threats and major incidents involving the air domain, both domestically and abroad, and mitigate impacts on the safety and efficiency of the NAS by providing world-class threat monitoring and response, including significant incident responses to natural disasters and other emergencies.

23Ey.32A - Internal Activity: Strategic Operations Security

Owner: Robert Sweet

Description: Deliver effective enterprise-level incident management services enabling unified ATO responses to natural disasters and other significant incidents involving the NAS and the FAA's Air Navigation Services. Also develop and sustain Air Traffic Management (ATM) security plans and procedures; protect sensitive flight data and the Operations Security (OPSEC) of sensitive air missions; lead interagency and international collaboration; and advance the ATO's security and emergency operations automation tool suite.

23Ey.32A1 - Internal Target: Significant Incident Management Operations

Owner: Thomas Kopp

Description: Implement procedures to further strengthen the sharing of critical information and operational collaboration by the ATO's surged response teams, including the Joint Air Traffic Operations Command (JATOC) Crisis Action Team (J-CAT), with the JATOC and Service Areas' Air Traffic Services and Technical Operations Districts. Deliver clear work flows to collect, analyze, and share Essential Elements of Information (EEI) between the J-CAT and these other, steady-state ATO elements.

Due Date: 09/30/23

23Ey.32A2 - Internal Target: Operations Security Plans and Procedures

Owner: Roger Rapier

Description: Strengthen and sustain integrated Air Traffic Management (ATM) security policy, procedures, planning and programs in cooperation with other stakeholders within the FAA, with interagency security partners and with other international and private entities. Advance the Operational Security (OPSEC) of sensitive missions through the collaborative development of Memorandum of Understanding and Memorandum of Agreements (MOU/MOAs); ATM security related procedures; and the application of requirements for Sensitive Flight Data (SFD), sensitive or controlled unclassified information (SUI/CUI) security, and privacy protection on NAS data release programs. These last activities specifically include the efficient handling of requests presented to the NAS Data Release Board (NDRB) and the Limiting Aircraft Data Displayed (LADD) program.

Due Date: 09/30/23

23Ey.32A3 - Internal Target: Operations Security Strategic Initiatives

Owner: Timothy Wallace

Description: Create a multi-year engagement plan to develop and use 4D modeling and related processes to enable ATO to better define and mitigate operational risks posed by Global Position System Electronic Attack Test, Training, and Exercise (TT&E) events.

Due Date: 09/30/23

23Ey.32B - Internal Activity: Tactical Operations Security

Owner: Joe Heuser

Description: Manage the Domestic Events Network, serve as the FAA's tactical nexus linking Air Traffic Control (ATC) facilities, interagency operational coordination platform for aviation security incidents, design and establish all security and major disaster Temporary Flight Restrictions, manage airspace access waivers and authorizations, and supports many other Air Traffic Management related security and emergency operations measures.

23Ey.32B1 - Internal Target: Joint Air Traffic Operations Command/Domestic Event Network

Owner: Joe Heuser

Description: Provide tactical oversight and direction to ATC facilities during aviation security related incidents in the NAS. Additionally, monitor published airspace security measures including Temporary Flight Restriction's which support Presidential movements, NSSE/SEAR security activities, space launch and recovery operations, C-UAS activities and a major natural disaster. Continue to develop, internal space operations coordination processes and procedures with AJR-1800. Conduct a minimum of 6 (six) in-person or virtual JATOC training/outreach sessions in FY23.

Due Date: 09/30/23

23Ey.32B2 - Internal Target: System Operations Support Center

Owner: Kerry Fleming

Description: Continue tactical support to JATOC and ATC facilities for aviation security incidents and provide tactical oversight and monitoring of appropriate NSSE/SEAR security activities, space launch and recovery events, C-UAS developments and support major disaster Temporary Flight Restriction responses. Develop, implement and train internal coordination and space operations procedures with AJR-1800. Collaborate with AJR-221 to update Air Traffic Security Coordinator Standard Operating Procedures and training program by end of FY22. Conduct a minimum of 4 (four) in-person or virtual training/outreach sessions in FY23.

Due Date: 09/30/23

23Ey.32B3 - Internal Target: National Capital Region Coordination Center (NCRCC)

Owner: Ryan Keenley

Description: Work with air traffic and inter-agency partners to review, update and publish new Notice To Air Missions (NOTAMS) for the Special Flight Rules Area, Flight Restricted Zone, and Unmanned Aircraft Systems in the National Capital region. Additionally, review for accuracy, the NOTAM governing the Leesburg Maneuvering Area, and update as necessary.

Due Date: 09/30/23

23Ey.32B4 - Internal Target: NORAD/NORTHCOM Command Center (N2C2)

Owner: Sean O'Neal

Description: FAA NORAD will continue to support the NORAD/US NORTHCOM Joint Operations Center, Cheyenne Mountain Alternate Joint Operations Center, and NORAD/US NORTHCOM command elements with operational Air Traffic Control and National Airspace System expertise. FAA NORAD will promote the development of FAA NORAD Air Traffic Security Coordinators operational skills and proficiency through quarterly assignments and Quality Assurance methods. FAA NORAD will conduct 4 NORAD/US NORTHCOM Joint Operation Center inter-domain collaborative sessions to promote more efficient communication protocols during global and domestic security events by the end of FY23.

Due Date: 09/30/23

23Ey.32B5 - Internal Target: Continental U.S. North America Aerospace Defense Command Region (NORAD)

Owner: Jeffrey Clark

Description: Support Continental NORAD (CONR) and 1st Air Force in executing Operation Noble Eagle mission and NAS Security. Continue collaboration with CONR Air Operations Center and USNORTHCOM to effectively monitor tactical UAS operations and threats. Implement CONR Process of Continuous Improvement to ensure CONR ATSC's are utilizing training resources and Lessons Learned to increase Knowledge, Skills and Abilities.

Due Date: 09/30/23

23Ey.32C - Internal Activity: Air Defense Liaison Officer

Owner: Chad Whitman

Description: Develop and coordinate the air traffic role in dynamic programs for national defense joint operational planning though training, emergency war plans, Defense Support to Civil Authorities as well as counter-drug/ counter-terrorist contingencies and other sensitive Department of Defense missions.

23Ey.32C1 - Internal Target: Air Defense Liaison Officer

Owner: Chad Whitman

Description: Develop Air Defense Liaison Officer (ADLO) procedures in conjunction with AJR-221, 24 and 26 to standardize interagency support with FAA/ATO objectives during crisis and National Security events.

Due Date: 09/30/23

23Ey.33 - Internal Initiative: Comprehensive Contingency Planning

Owner: Antoinette Kreig

Description: Strengthen the safety, security, and efficiency of airspace systems through contingency planning and exercises.

23Ey.33A - Internal Activity: Improve ATO Operational Contingency Plans and Response to Significant Events

Owner: Antoinette Kreig

Description: Continue Operational Contingency Plan rebuild efforts for all NAS facilities.

23Ey.33A1 - Internal Target: Operational Contingency Plan Reviews

Owner: Antoinette Kreig

Description: Develop external Operational Contingency Plan (OCP) Review and Report, which identify strengths and gap in existing OCPs.

Due Date: 09/30/23

23Ey.33A2 - Internal Target: Facility Implementation Support- Operational Contingency Plan Support Network

Owner: Antoinette Kreig

Description: Develop approach for providing Operational Contingency Planning (OCP) network support with the development of OCPs within an OCP network (district approach).

Due Date: 01/31/23

23Ey.33A4 - Internal Target: Infrastructure Facility Capability Project

Owner: Mike Sutherland

Description: Apply the Corporate Work Plan tool to develop and support the infrastructure / facility capability project data to address Contingency Service and Infrastructure Requirements (CSIR). Collaborate with Technical Operations National Contingency Planning Support Team (TONC) to address facility infrastructure needs. Report monthly on progress.

Due Date: 09/30/23

23Ey.33B - Internal Activity: FAA Order JO 1900.47 Publication with accompanying Communications

Owner: Antoinette Kreig

Description: Publish and communicate the contingency policy revision (1900.47G) to improve operational readiness across the NAS by defining more roles and responsibilities, and requirements for contingency planning work and deliverables. Awareness communications will target a wide audience through various media outlets to ensure the ATO is prepared in the event of a contingency event.

23Ey.33B1 - Internal Target: Publish the FAA JO 1900.47G

Owner: Maggie Geraghty

Description: Publish the FAA JO 1900.47G.

Due Date: 09/30/23

23Ey.33B2 - Internal Target: 1900.47G Awareness Video

Owner: Maggie Geraghty

Description: Develop and release four (4) JO 1900.47G awareness video(s) and promotional material to re-engage the ATO on all things operational contingency and to ensure their awareness and understanding regarding the new policy requirements targeting key stakeholders across the ATO.

Due Date: 03/31/23

23Ey.33B3 - Internal Target: 1900.47G Publication Communications

Owner: Maggie Geraghty

Description: Publish FAA JO 1900.47G publication related articles to prepare the ATO for the upcoming operational contingency related policy updates.

Due Date: 03/31/23

23Ey.33C - Internal Activity: ATO Operational Contingency Strategy Plan

Owner: Antoinette Kreig

Description: Collaboratively develop an ATO Operational Contingency Strategy outlining the evolving operational readiness goals of the ATO while defining a high-level path forward.

23Ey.33C1 - Internal Target: Strategy Document

Owner: Maggie Geraghty

Description: Initiate coordination of draft ATO Operational Contingency Strategy Plan review by the stakeholder committee leadership across the ATO to define the ATO's vision regarding the future of operational contingency in order to gain feedback and awareness from leadership.

Due Date: 03/31/23

23Ey.33C2 - Internal Target: Strategy Plan Briefing

Owner: Maggie Geraghty

Description: Develop the first ATO Operational Readiness Strategic Plan brief for delivery to ATO leadership.

Due Date: 09/30/23

23Ey.33C3 - Internal Target: ATO Operational Contingency Strategy Plan

Owner: Maggie Geraghty

Description: Initiate coordination of draft ATO Operational Contingency Strategy Plan review by stakeholder committee across the ATO to define the ATO's vision regarding the future of operational contingency in order to gain feedback and awareness from leadership.

Due Date: 09/30/23

23Ey.35 - Internal Initiative: Integration of Transiting Operations into the NAS

Owner: Wendy O'Connor

Description: Integrate new entrants transiting to and from Space and Upper Class E into the National Airspace System (NAS) without introducing unacceptable levels of risk, while providing a secure and more efficient system.

23Ey.35A - Internal Activity: Enable Safe and Efficient Growth for Space Launch and Reentry Operations that Optimizes Operations for All NAS Users

Owner: Yen-Khanh Vu

Description: Promote inclusion of Space Operations by providing input to efforts during establishment, refinement, and modification of standards, procedures, policy, automation development, Safety Risk Management Panel activities, and training related to operations transiting to and from Space.

23Ey.35A1 - Internal Target: Standards to Integrate Transiting Operations

Owner: Jon Stowe

Description: Support efforts for refinement and development of standards and procedures to integrate operations transiting to and from Space with minimal impact to the NAS.

Due Date: 09/30/23

23Ey.35A2 - Internal Target: Training Required for Air Traffic operational Personnel

Owner: Jon Stowe

Description: Evaluate need to modify current training and assist in the development of new training as required for Air Traffic operational personnel.

Due Date: 09/30/23

23Ey.35A3 - Internal Target: Development of Automation Capabilities

Owner: Jon Stowe

Description: Support development of automation capabilities that lead to process and response enhancement for application to operations transiting to and from Space.

Due Date: 09/30/23

23Ey.35B - Internal Activity: Enable Routine Operations in Upper Class E/Higher Airspace Operations with Safety and Efficiency for All NAS Users

Owner: Yen-Khanh Vu

Description: Promote inclusion of Upper Class E Operations by providing input to efforts during establishment, refinement, and modification of standards, procedures, policy, automation development, Safety Risk Management Panel activities, and training related to operations transiting to and from Upper Class E.

23Ey.35B1 - Internal Target: Standards to Integrate Transiting Operations to and from Upper Class E

Owner: Jon Stowe

Description: Support efforts for refinement and development of standards and procedures to integrate operations transiting to and from Upper Class E with minimal impact to the NAS.

Due Date: 09/30/23

23Ey.35B2 - Internal Target: Inform Concept Development

Owner: Jon Stowe

Description: Engage in information and data gathering to inform concept development related to Upper Class E operations.

Due Date: 09/30/23

Performance of the National Aerospace System

Develop and implement a comprehensive roadmap to guide the evolution of the National Aerospace System as the foremost data-driven Air Navigation Service Provider (ANSP) in the world.

23Ez1 - Priority Initiative: Improve Reporting on Operational Performance of the NAS

Owner: Caroline Poyurs

Description: The overall goal of this initiative is to help move the FAA's operational performance data reporting towards better post-operational performance analysis, near-real-time data reporting, and decision-supported predictive analytics.

23Ez1A - Priority Activity: Maintain, develop and implement policy that facilitates use of the enterprise-wide authoritative operational metric database

Owner: Caroline Poyurs

Description: Ensure a better understanding of operational performance data outside of System Operations.

23Ez1A1 - Priority Target: Flight Track Data Usage Outside of AJR-G

Owner: Caroline Poyurs

Description: Discover initiatives that use flight track data outside of AJR-G.

Due Date: 07/31/23

23Ez1B - Priority Activity: Maintain a Data Governance Structure

Owner: Caroline Poyurs

Description: Continue to develop and apply a Data Governance structure.

23Ez1B1 - Priority Target: Data Governance

Owner: Caroline Poyurs

Description: Identify areas in which data governance is required.

Due Date: 09/30/23

23Ez1C - Priority Activity: Transitioning to using WILBUR – Enterprise solution for operational and flight metrics

Owner: Greg Schaefer

Description: Continue the transition to using WILBUR as an enterprise solution for computations of operational and flight metrics.

23Ez1C1 - Priority Target: Use WILBUR Data for Identification of overflights

Owner: Greg Schaefer

Description: Convert the FAA's identification of overflights to a process using data from WILBUR.

Due Date: 06/30/23

23Ez1C2 - Priority Target: Using WILBUR Data for IFR flight counts and cancellation identification

Owner: Greg Schaefer

Description: Using WILBUR for Instrument Flight Rules (IFR) flight counts and cancellation identification for the morning reports. Two key operational metrics that are tracked and reported are IFR flight identification/counts and flight cancellations.

Due Date: 06/30/23

23Ez.1 - Internal Initiative: Air Traffic Services – Operationalize NextGen

Owner: Wendy O'Connor

Description: Collaborate across service units to resolve field concerns and provide subject matter expertise as necessary.

23Ez.1A - Internal Activity: Initial Trajectory Based Operations (iTBO) Change Management

Owner: Patrick Blaser

Description: Develop and execute the Change Management Plan for TBO implementation by areas as determined form data-driven site analyses.

23Ez.1A1 - Internal Target: Plan and Execute Change Management Initiatives

Owner: Patrick Blaser

Description: Deploy Tower TBO Briefing Initiative to sites where CFR release time compliance warrants improvement (as informed by compliance data).

Due Date: 09/30/23

23Ez.1A2 - Internal Target: Prepare Facilities and Workforce for Using Initial Trajectory Based Operations (iTBO)

Owner: Patrick Blaser

Description: Refine implementation structure to enhance TBO implementation agility to a more surgical approach based on NAS data and shift from confinement only to legacy operating areas.

Due Date: 06/30/23

23Ez.1B - Internal Activity: Initial Trajectory Based Operations (iTBO)

Owner: Patrick Blaser

Description: Expand TBO analytics tool to evaluate performance and opportunities to improve efficiency at sites outside the first four operation areas. GOAL: Support more agile decision making and site-specific customization of TBO capability deployment at service delivery points.

23Ez.1B1 - Internal Target: Deployment of Initial Trajectory Based Operations (iTBO) by Operating Area

Owner: Patrick Blaser

Description: Southwest Operating Area: Improve ZLA Metering System for arrivals to LAX and adjacent dependent airspace. implement XM for LAX/LAS markets.

Due Date: 06/30/23

23Ez.1B2 - Internal Target: Support Initial Trajectory Based Operations (iTBO) Planning and Execution Through Data-driven Decision-making

Owner: Patrick Blaser

Description: Expand TBO analytics tool to evaluate performance and opportunities to improve efficiency at sites outside the first four operation areas. GOAL: Support more agile decision making and site-specific customization of TBO capability deployment at service delivery points.

Due Date: 09/30/23

23Ez.1C - Internal Activity: Deployment of Integrated Departure Arrival Capability (IDAC)

Owner: Patrick Blaser

Description: Continue the implementation of IDAC at additional sites.

23Ez.1C1 - Internal Target: Deployment of IDAC

Owner: Patrick Blaser

Description: Expand availability and use of Integrated Departure Arrival Capability (IDAC) at a total of six sites in FY23.

Due Date: 06/30/23

23Ez.1D - Internal Activity: Nation-wide Deployment of Consolidated Wake Turbulence (CWT)

Owner: Patrick Blaser

Description: Implement Wake Recategorization at planned sites by the end of Fiscal Year (FY) 2023. This will be accomplished in collaboration with AJV-P, AJM-2 and ANG-C.

23Ez.1D1 - Internal Target: Expand Use of Consolidated Wake Turbulence (CWT)

Owner: Patrick Blaser

Description: Implement Consolidated Wake Turbulence at two geographic districts.

Due Date: 06/30/23

23Ez.2 - Internal Initiative: Consolidation and Realignment of FAA Services and Facilities

Owner: Wendy O'Connor

Description: Examine existing services to implement a rebalancing of our operations. Reduce the infrastructure footprint by consolidating and modernizing facilities.

23Ez.2A - Internal Activity: Establish Consolidation Schedule and Relocate Fixed Airspace Volume

Owner: Yen-Khanh Vu

Description: Collaborating with AJW-2 to define the requirements in a Requirements Document Workbook (RDWB) for Consolidating two TRACONS (S804) and a transition date for one TRACON (NY/PHL) Relocation.

23Ez.2A1 - Internal Target: Relocate the Reading TRACON into the Harrisburg TRACON (S804)

Owner: Dean Duff

Description: Establish the requirements to relocate the Reading TRACON into the Harrisburg TRACON.

Due Date: 09/30/23

23Ez.2A2 - Internal Target: Relocate the Elmira and Binghamton TRACONs into the Wilkes-Barre TRACON (S804)

Owner: Dean Duff

Description: Establish the requirements to relocate the Elmira and Binghamton TRACONs into the Wilkes-Barre TRACON.

Due Date: 09/30/23

23Ez.2A3 - Internal Target: Transition Date for relocation of Newark Area from N90 to PHL

Owner: Dean Duff

Description: Create a transition date for the relocation of the Newark Area (EWR) fixed airspace volume from New York TRACON (N90) to Philadelphia TRACON (PHL).

Due Date: 09/30/23

23Ez.3 - Internal Initiative: Air Traffic Services Business Analytics and Operational Implementation – Use information to Improve System Performance

Owner: Jeff Szczygielski

Description: AJT Business Analytics supports Air Traffic Services leadership through the development and implementation of Business Utilization and Resource Standardization Tools (BURST) and Air Traffic Operations Management System (ATOMS), to standardize processes and conduct data analysis. Implementation of standardized processes and tools will provide Air Traffic Services the required data and analytical support to make informed data driven decisions. Participate in the completion of approved activities to address the top five (5) identified trending safety issues in the NAS and the development/approval of activities to be completed in future fiscal years.

23Ez.3A - Internal Activity: Data driven decisions by providing AJT field management with Business Analysis Tool Suite (BATS) for leave negotiations

Owner: Kristine Gorospe

Description: Effectively managing Agency resources by providing leadership workforce with training and tools for successful decision making.

23Ez.3A1 - Internal Target: Obtain LY23 Final BATS submission

Owner: Desaree James

Description: Obtain and review final LY23 BATS submission for at least 85% of facilities.

Due Date: 02/28/23

23Ez.3A2 - Internal Target: Provide LY24 Introduction to BATS and BATS Refresher Training

Owner: Desaree James

Description: Develop, communicate and implement BATS training to AJT workforce.

Due Date: 08/31/23

23Ez.3A3 - Internal Target: Obtain LY24 Initial BATS submission

Owner: Desaree James

Description: Obtain initial LY24 BATS submission for at least 85% of facilities.

Due Date: 09/30/23

23Ez.3B - Internal Activity: Implement ATOMS

Owner: Kristine Gorospe

Description: Provide a platform/tool capable of improving controller scheduling and work assignment tracking, and capable of interfacing with other ATO tools. Replaces CRU-Art and integrates with Web Scheduler (WMT).

23Ez.3B1 - Internal Target: Implement ATOMS

Owner: Mark Ellis

Description: Initiate training and implementation for approximately 133 ATC facilities (ATOMS Release 1). Timeline is under development.

Due Date: 09/30/23

23Ez.3B2 - Internal Target: Implement ATOMS

Owner: Mark Ellis

Description: Initiate training and implementation for 115 ATC facilities and 17 FSS facilities (ATOMS Release 2). Timeline is under development.

Due Date: 09/30/23

23Ez.3C - Internal Activity: Improved process to request field resources in support of programmatic needs

Owner: Kristine Gorospe

Description: Leverage technology to create an improved process to request field resources in support of high priority programmatic needs.

23Ez.3C1 - Internal Target: PMT Training

Owner: Desaree James

Description: Conduct ten (10) PMT refresher and regular training sessions to improve field understanding of the new PMT application.

Due Date: 09/30/23

23Ez.3C2 - Internal Target: PMT Post-Deployment and Maintenance Activity

Owner: Desaree James

Description: Prioritize, test, and deploy at least 30 Jira tickets to address field issues.

Due Date: 09/30/23

23Ez.3D - Internal Activity: AJT Participation in Top 5 Implementation

Owner: Jeff Szczygielski

Description: Participate in the completion of approved activities to address the top five (5) identified trending safety issues in the NAS and the development/approval of activities to be completed in future fiscal years.

23Ez.3D1 - Internal Target: AJT-2 Participation in Top 5 Implementation

Owner: Frank Lias

Description: Complete, as needed, approved corrective action and monitoring plan activities to address the top five (5) identified trending safety issues in the NAS. Develop and implement initiatives to address safety issues in the NAS.

Due Date: 09/30/23

23Ez.3D2 - Internal Target: AJT-W Participation in Top 5 Implementation

Owner: Jeff Stewart

Description: Complete, as needed, approved corrective action and monitoring plan activities to address the top five (5) identified trending safety issues in the NAS.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ez.3D3 - Internal Target: AJT-E Participation in Top 5 Implementation

Owner: Rolando Caparas

Description: Complete, as needed, approved corrective action and monitoring plan activities to address the top five (5) identified trending safety issues in the NAS.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ez.3D4 - Internal Target: AJT-C Participation in Top 5 Implementation

Owner: Hope Kubala

Description: Complete, as needed, approved corrective action and monitoring plan activities to address the top five (5) identified trending safety issues in the NAS.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ez.4 - Internal Initiative: Terminal Precipitation on the Glass (TPoG).

Owner: Amy Gusky

Description: Terminal Precipitation on the Glass (TPoG).

23Ez.4A - Internal Activity: Terminal Precipitation on the Glass (TPoG).

Owner: Michael Emanuel

Description: Terminal Precipitation on the Glass (TPoG).

23Ez.4A1 - Internal Target: Submit all Final Investment Decision (FID) artifacts for Terminal Precipitation on the Glass (TPoG).

Owner: Michael Emanuel

Description: Submit all Final Investment Decision (FID) artifacts for Terminal Precipitation on the Glass (TPoG).

Due Date: 07/31/23

23Ez.5 - Internal Initiative: National Cloud Integration Service (NCIS)
Owner: Chris Pressler
Description: Program Management Organization (PMO) Cloud Services Development

23Ez.5A - Internal Activity: National Cloud Integration Service (NCIS)
Owner: Chris Pressler
Description: Mission Essential Cloud Creation and Development

23Ez.5A1 - Internal Target: National Cloud Integration Service (NCIS)
Owner: Chris Pressler
Description: Establish a test Mission Essential (ME) cloud within the National Cloud Integration Service (NCIS) sandbox environment to create a baseline configuration.

Due Date: 09/30/23

23Ez.6 - Internal Initiative: SWIIM Segment 2C
Owner: Malcolm Andrews
Description: Develop Final Migration Plan for SWIM Cloud Distribution Services (SCDS).

23Ez.6A - Internal Activity: SWIM Segment 2C
Owner: Malcolm Andrews
Description: Develop Final Migration Plan for SWIM Cloud Distribution Services (SCDS).

23Ez.6A1 - Internal Target: System Wide Information Management (SWIM) Industry-FAA Team (SWIFT)Segment 2C
Owner: Kristin Cropf
Description: SWIM Industry-FAA Team (SWIFT) Portal V4 Initial Operational Capability (IOC)

Due Date: 09/30/23

23Ez.6A2 - Internal Target: System Wide Information Management (SWIM) Segment 2C
Owner: Kristin Cropf
Description: Complete Service Acceptance for S2A Tech Refresh of NAS Enterprise Messaging Service (NEMS) Storage Devices

Due Date: 09/30/23

23Ez.6A3 - Internal Target: System Wide Information Management (SWIM) Segment 2C - Enterprise Service Monitoring (ESM)
Owner: Kristin Cropf
Description: Complete Enterprise Service Monitoring (ESM) S2B equipment Tech Refresh

Due Date: 09/30/23

23Ez.7 - Internal Initiative: Traffic Flow Management System (TFMS) Sustainment 3

Owner: Jere Hayslett

Description: The TFMS Sustainment 3 program is focused on sustainment to keep the current TFMS system functional until it can be replaced by Flow Management Data and Services (FMDS). Included under this investment is a targeted hardware replacement of end of life/end of service equipment at the TFMS Processing Center (TPC) and re-hosting web applications onto a different platform to free capacity of the TFMS Core.
The re-planned TFMS Sustainment 3 program will focus on sustainment to keep the current TFMS functional until it can be replaced by FMDS.

23Ez.7A - Internal Activity: Traffic Flow Management Infrastructure (TFM-I) Sustainment 3 Interim Execution Plan, A05.01-16

Owner: Danny Noh

Description: Traffic Flow Management Infrastructure (TFM-I) Sustainment 3 Interim Execution Plan, A05.01-16

23Ez.7A1 - Internal Target: Traffic Flow Management System (TFMS) Sustain 3 Interim EP - Procurement of Auxiliary Applications Platform licensing.

Owner: Danny Noh

Description: Traffic Flow Management System (TFMS) Sustain 3 Interim EP - Procurement of Auxiliary Applications Platform licensing.

Due Date: 12/31/22

23Ez.11 - Internal Initiative: Terminal Doppler Weather Radar (TDWR)

Owner: Steve Kim

Description: The Terminal Doppler Weather Radar (TDWR) is used by ATC to increase the safety of the NAS. TDWRs provide vital information and warnings regarding hazardous windshear conditions, precipitation, gust fronts, and microbursts to air traffic controllers managing arriving and departing flights in the terminal area. There are 45 commissioned TDWR systems protecting 46 high-capacity airports throughout the United States and Puerto Rico that are prone to wind shear events. Two additional TDWR systems at the FAA's Mike Monroney Aeronautical Center in Oklahoma City provide engineering support and training. There have been no wind shear accidents at any TDWR-protected airport since its TDWR was commissioned. TDWR weather data is transmitted to FAA automation systems and to 34 National Weather Service forecast offices. The current system has been in service since 1994 and requires updating due to equipment obsolescence issues. Reduce Aviation and Commercial Space Transportation-Related Fatalities and Serious Injuries in Commercial and General Aviation.

23Ez.11A - Internal Activity: Terminal Doppler Weather Radar (TDWR) Sustainment 2

Owner: Steve Kim

Description: Terminal Doppler Weather Radar (TDWR) Sustainment 2

23Ez.11A1 - Internal Target: Terminal Doppler Weather Radar (TDWR) Sustainment 2

Owner: Steve Kim

Description: Complete one (1) Direct Digital Controller (DDC) Replacement. (CAM Goal)

Due Date: 09/30/23

23Ez.12 - Internal Initiative: National Airspace System Laboratory Facilities and Services

Owner: Shelley Yak

Description: Provide a set of world class laboratory facilities and services to support research, engineering and development; test and evaluation and maintenance of air navigation; air traffic management, and future air transportation system capabilities.

23Ez.12A - Internal Activity: Provide High Quality Laboratory Services

Owner: Sheila Franklin-Smallwood

Description: Provide high quality laboratory services to Program Office sponsors and customers for acquisition programs and projects. Evaluate the performance and effectiveness of the services and products provided by the division using the quality management systems and objective measures of customer satisfaction. This activity will ensure that the Laboratory Division maintains its International Organization for Standardization (ISO) 9001 Certification.

23Ez.12A1 - Internal Target: Customer Satisfaction

Owner: Beverly Hite

Description: Monitor the level to which customer needs and expectations are being met; improve documented processes to ensure that customer needs and expectations are understood.

Due Date: 09/30/23

23Ez.12A2 - Internal Target: Analysis and Evaluation

Owner: Beverly Hite

Description: Evaluate the performance and effectiveness of the services and products provided for the division's quality management system to ensure it meets the division's quality objective metrics for customer satisfaction.

Due Date: 09/30/23

23Ez.12A3 - Internal Target: Increase Auditor Resources

Owner: Beverly Hite

Description: Laboratory Services Division, ANG-E1, will increase the number of skilled auditor resources to successfully complete the organizations two required audit cycles and to attain feedback on the auditing services provided.

Due Date: 09/30/23

23Ez.12A4 - Internal Target: Internal Auditor Training

Owner: Beverly Hite

Description: Laboratory Technical Services Branch, ANG-E13, will acquire two (2) International Organization of Standardization (ISO) 9001:2015 Internal Auditor Training courses to secure auditors that are competent and trained on the requirements of the ISO 9001:2015 ISO standard.

Due Date: 09/30/23

23Ez.12B - Internal Activity: Execute Laboratory Master Plan & Projects

Owner: Sheila Franklin-Smallwood

Description: This activity sustains, maintains, and improves the William J. Hughes Technical Center (WJHTC) National Airspace System (NAS) laboratory facilities. Multiple projects for FY23 are described in the Space and Infrastructure Master Plan and 75% will be initiated. The shell for the Priority One Electronic Equipment Room will be completed.

23Ez.12B1 - Internal Target: Space and Infrastructure

Owner: William Feuerstein

Description: Initiate 75% of planned Space and Infrastructure Master Plan (S&I MP) projects scheduled for FY23. This helps ensure the overall Laboratory S&I MP projects are kept on schedule, and that laboratory building infrastructure is maintained and improved.

Due Date: 09/30/23

23Ez.12B2 - Internal Target: Priority One Electronic Equipment Room

Owner: William Feuerstein

Description: Substantially complete the walls, doors, floors and ceiling (surrounding shell) for the Priority One Electronic Equipment Room, 2nd floor, Bldg. 300.

Due Date: 09/30/23

23Ez.12C - Internal Activity: Expand Air Traffic Control Simulation Infrastructure

Owner: Sheila Franklin-Smallwood

Description: Expand Air Traffic Control (ATC) simulation capabilities in the Technical Center Research Development and Human Factors lab to support enhanced trial planning and conflict probe detection. This activity will integrate the laboratory with MITRE's Simulation Data Distribution Framework (SDDF). This enhancement supports future human factor studies related to more advanced ATC environments, and will increase the fidelity and realism of future human-in-the-loop simulations.

23Ez.12C1 - Internal Target: Planning and Requirement Gathering

Owner: Patrick Kelly

Description: Collect all requirements for enhanced trial planning capabilities as well as conflict probe detection.

Due Date: 11/30/22

23Ez.12C2 - Internal Target: System Design

Owner: Patrick Kelly

Description: Design the new Simulation Data Distribution Framework (SDDF) interface and functionality as well as changes needed to existing conflict probe and trial planning functionality.

Due Date: 01/31/23

23Ez.12C3 - Internal Target: Development and Testing

Owner: Patrick Kelly

Description: Develop the Simulation Data Distribution Framework (SDDF) interface. Test legacy trial planning and conflict probe functionality. Test enhanced trial planning and conflict probe capabilities.

Due Date: 09/30/23

23Ez.12D - Internal Activity: Upgrade the Visual System for the Helicopter Simulator

Owner: Scott Doucett

Description: A high-fidelity visual system will be installed to enhance realism and the upgraded simulator will be used to conduct research at a lower cost and with greater safety than using a real helicopter.

23Ez.12D1 - Internal Target: B301 Room 104 ready for occupancy

Owner: Scott Doucett

Description: Planning for the simulator relocation while waiting for room 104 to be made ready. This includes any hazards/asbestos removal, painting, electric and network infrastructure changes.

Due Date: 04/30/23

23Ez.12D2 - Internal Target: Disassembly of S-76 simulator

Owner: Scott Doucett

Description: Systematically disassemble the simulator at its present location in B201. Document all components and cables for reassembly.

Due Date: 05/31/23

23Ez.12D3 - Internal Target: Reassemble S-76 simulator.

Owner: Scott Doucett

Description: Reassemble the simulator in B301 room 104 with the current low-fidelity visual system. Allow sufficient room for the new visual system dome. Test and verify full operability.

Due Date: 06/30/23

23Ez.12D4 - Internal Target: Procurement for high fidelity visual system

Owner: Scott Doucett

Description: Working with the contract office; Define requirements, request vendor solicitations, make selection of the new visual system. This task can be started when funds are available.

Due Date: 06/30/23

23Ez.12D5 - Internal Target: Installation, integration and calibration

Owner: Scott Doucett

Description: Remove the current visual system, and allow the vendor to install the new visual system. Integrate with the simulator software. Test and validate correct operation. This task will be 1 month.

Due Date: 09/30/23

23Ez.13 - Internal Initiative: Aerospace Planning and Performance

Owner: John Maffei

Description: Research and development investments are balanced between strategic research initiatives to enable transformative change, and tactical research initiatives aimed at incremental improvements to current systems, while maintaining or improving operational safety. The FAA's Research, Development, Test & Evaluation (RDT&E) function at the William J. Hughes Technical Center, and supporting laboratories, provide a comprehensive approach to discovering, validating, and advancing technologies for a safer, more efficient, and more economically accessible NAS.

23Ez.13A - Internal Activity: Flight Deck Collaborative Decision Making (FD CDM)–Enhanced Digital Taxi Instruction(e -DTI)

Owner: Westley Wright

Description: Speech recognition (speech-to-text) technology presents an opportunity not only to transform traditional voice radio communication but could be an enabling technology to bridge the gap between voice and digital environment. As part of the digital transformation, several initiatives have been established within the FAA to develop concepts and capabilities to leverage flight deck connectivity to enhance collaboration and air traffic management services. This effort will enable the development and integration of speech recognition technology to enable verbal entry of taxi instructions for digital delivery. It will develop a lexicon to define a collection of phraseology including standard procedures and other operational variants that ATC uses to communicate taxi instructions to flight crews, used for support development of speech recognition software logic and training. This milestone also includes technology demonstration, to be conducted upon completion of the software development and integration.

23Ez.13A1 - Internal Target: Digital Communication Recordings Memorandum

Owner: Nabil Sandhu

Description: The team will collect representative audio samples from various data sources including edge devices application. This effort will require that a data pipeline be built to ingest data into a cloud platform. The team will transform audio samples as needed to be able to leverage the Speech-to-Text (STT) Application Program Interface (API). This effort will also require the storage of data collected from Ground Based Units (GBUs) in a data warehouse, where applicable. The final deliverable will be a memorandum summarizing the efforts performed.

Due Date: 06/30/23

23Ez.13A2 - Internal Target: Application Development Design Review report

Owner: Nabil Sandhu

Description: TThis report captures the outcomes of progress reviews conducted throughout the period of performance. Measured progress review will showcase the prototype development through live demonstrations of the technology. This review will cover design detail, prototype development progress, proposed changes to original design, risks, and the base criteria for evaluating prototype readiness for integration into the FD CDM DTI prototype application(s)

Due Date: 08/30/23

23Ez.13B - Internal Activity: Advanced Methods

Owner: Westley Wright

Description: The FY23 Advanced Methods work focuses on expanding prototyping activities to further develop new technologies, record lessons learned, and describe use cases surrounding the use of the new technologies.

23Ez.13B1 - Internal Target: Complete Advanced Methods Traffic Flow Management (TFM) Machine Learning Concept of Use v1.0.

Owner: Benjamin Marple

Description: The Concept of Use document will focus on describing the use of Machine Learning in TFM, specifically to recommend a Traffic Management Initiaitve (TMI) based on historical trends and situations.

Due Date: 03/31/23

23Ez.13B2 - Internal Target: Complete Advanced Methods Machine Learning Initial Capability Prototype development report

Owner: Benjamin Marple

Description: This prototype will be used to start proving out the "TMI Recommender" concept, which recommends a TMI based on historical data. The initial capability prototype will likely focus on the data collection, storage, and analysis required to set up the capability

Due Date: 03/31/23

23Ez.13B3 - Internal Target: Complete Advanced Methods Prototyping and Testing Lessons Learned

Owner: Benjamin Marple

Description: The team will collect lessons learned throughout the process of developing and testing the initial prototyping and compile at the end of the prototyping period. The document will include technical, operational, and programmatic lessons learned

Due Date: 04/30/23

23Ez.13C - Internal Activity: Dynamic Airspace

Owner: Westley Wright

Description: Dynamic Airspace will continue to perform research and analysis that allows dynamic reconfiguration of the existing NAS automation infrastructure. The project will focus on conducting engineering analysis for enabling the availability of flight and surveillance data necessary in the Automation Evolution Strategy (AES) Research and Development Operating Environment (RD-OE) to support ATC and ATM operation

23Ez.13C1 - Internal Target: Provide update to the Dynamic Airspace Concept of Operations

Owner: Natee Wongsangpaiboon

Description: This task will update the 2017 Dynamic Airspace Concept of Operations by analyzing the lessons learned from the Dynamic Airspace Proof of Concept completed June 2022. All necessary elements from the Proof of Concept including revisions to the current concepts, assumptions and outcomes for Dynamic Airspace will be combined to align with the new direction towards Data Posting.

Due Date: 05/31/23

23Ez.13C2 - Internal Target: Develop Data Posting White Paper

Owner: Natee Wongsangpaiboon

Description: This white paper will summarize the data elements needed to provide Air Traffic Control (ATC) and Air Traffic Management (ATM) services including but not limited to surveillance, flight data, and voice communications. This task will evaluate how these data elements are provided to ATC and ATM services today and how these data flows may be modernized to support a ubiquitous data and Info-Centric NAS environment

Due Date: 07/31/23

23Ez.13D - Internal Activity: Flight Deck Data Exchange Requirements

Owner: Westley Wright

Description: Conduct hardware-in-the-loop exercises to validate and test effectiveness of the security mitigations identified in the cybersecurity risks assessment of EFB, AID, and IP datalinks, and the security analysis of safety critical data, and identify gaps that may exist. The exercise will be conducted with a partner proof-of-concept NextGen program(s) and leverage its prototype system to implement the identified mitigations and perform security testing.

23Ez.13D1 - Internal Target: Updated Connected Aircraft Security Controls (CASC) tool

Owner: Nabil Sandhu

Description: The team will perform an overall assessment and update of the Connected Aircraft Security Controls (CASC) tool. Information gathered from continued research and validation as well as lessons learned from the initial validation of the tool on the candidate prototype system will guide the team in performing these updates.

Due Date: 02/28/23

23Ez.13D2 - Internal Target: Develop Hyperconnectivity Security Considerations Report

Owner: Nabil Sandhu

Description: The team will research the increase of digitized and wireless communication and the security implications of hyperconnectivity in the connected aircraft environment. The research will identify areas of concern with the increase hyperconnectivity of the aircraft environment and outline areas that would be candidates for more focused research. The report will include the findings of the research and provide the foundation for future efforts

Due Date: 05/31/23

23Ez.13E - Internal Activity: Surface Tactical Flow Program

Owner: Westley Wright

Description: The Surface Tactical Flow (STF) program will provide the tools necessary to achieve a fully collaborative surface environment where the input of airspace users, airports, and air traffic controllers are all used to provide a shared surface situational awareness and improved predictability.

23Ez.13E1 - Internal Target: Mobile Capability Information Dependencies and Technical Interchange Report

Owner: Benjamin Marple

Description: This deliverable will document the status of data needs for the integration of mobile-based information exchange capabilities, define the detailed data characteristics needed and document coordination efforts with other NextGen programs related to information exchange and address any additional progress on the tech transfer efforts to industry, lessons learned, and recommendations related to tech transfer and socialization efforts.

Due Date: 05/31/23

23Ez.13E2 - Internal Target: Demonstration Planning Report for the planned Field Demonstration of CFR Time Coordination and Mobile Clearance Delivery

Owner: Benjamin Marple

Description: The demonstration plan will include site selection and coordination, defining the demonstration software architecture; identifying required hardware and interfaces, identifying demonstration stakeholders, a proposed schedule, and a draft data collection plan

Due Date: 09/30/23

23Ez.13F - Internal Activity: Class E Upper Airspace Traffic Management

Owner: Westley Wright

Description: The Class E Upper Airspace Traffic Management (ETM) project will demonstrate the feasibility of integrating new entrants into Class-E Airspace by developing ETM concepts, scenarios, and engineering analyses in conjunction with NASA and Industry to validate the overall approach to managing this airspace.

23Ez.13F1 - Internal Target: Communication, Navigation and Surveillance (CNS) Whitepaper Update Package

Owner: Nabil Sandhu

Description: This deliverable will update circa 2019 Communication, Navigation, and Surveillance (CNS) white papers to reflect emerging technologies, as well as summary paper and associated graphics, which will affect downstream ETM Engineering deliverables. Specifically, it will amend existing papers to incorporate the following re-versioned as release 2.0.

Due Date: 11/01/22

23Ez.13F2 - Internal Target: ETM Modeling and Simulation Report

Owner: Nabil Sandhu

Description: Report Related to the CNS White Paper Update Package, and more so on the ETM Adjacent Airspace Analysis, this work will evolve the Preliminary Modeling and Simulation paper delivered July 2021 to incorporate more and different simulations, leveraging outputs from the airspace analysis, mentioned above. This effort may entail several iterations or outputs, perhaps smaller in scope, as the project progresses

Due Date: 04/01/23

23Ez.13G - Internal Activity: Air/Ground SWIM Connected Aircraft

Owner: Westley Wright

Description: This work pertains to the development of the Connected Aircraft (CA) concept, which describes a richer set of information to be exchanged with the aircraft and automation to improve operational awareness and decision-making; an integrated CA framework to further advance concepts that leverage the connected aircraft, including the exchange of information, based on applicable performance standards; the establishment of an Application Registry and Distribution Platform “App Store” that allows for the organization and distribution of relevant software applications; and a decomposition/categorization analysis of flight information tasks and decisions based on their use.

23Ez.13G1 - Internal Target: New Entrants Gap Analysis

Owner: Nabil Sandhu

Description: This deliverable will document exploration of the concept gaps around new entrants in the air to ground arena. It will also provide an understanding of how many emerging aircraft are equipped for integration into the NAS, and which capabilities will require further development to align new entrants with NAS infrastructure. This deliverable will require coordination with appropriate stakeholders in the potential formation of working sessions, panel meetings, and other relevant means of information exchange and collaboration

Due Date: 03/01/23

23Ez.13G2 - Internal Target: Technical Feasibility Assessment Report Update

Owner: Nabil Sandhu

Description: This deliverable will provide updates to the continued efforts of this program. This update will summarize the results of the analysis and evaluations conducted to review the proposed solution and investigate project alternatives, to identify if the project is feasible and cost□effective. It will outline the most feasible solution for a data distribution platform information sharing in current or near□term capabilities and services available across the NAS systems

Due Date: 05/01/23

23Ez.13H - Internal Activity: Urban Air Mobility (UAM) Concept and Engineering Development

Owner: Westley Wright

Description: This project will perform the engineering analyses and concept development required to continue the evolution of the UAM Concept of Operations. The UAM Engineering and Concept Development project will evaluate the key issues currently facing industry's progression to the future state of UAM. This project will conduct industry engagements to understand the current viewpoints of Cooperative Operating Practices (COPs) and use that input to further the concept maturation. UAM will also coordinate with companion projects (e.g., xTM) and other government agencies (e.g., NASA) to ensure that these efforts remain in lock-step in their progression. The major result of this project over the coming period will be the next iteration of the FAA UAM Concept of Operations.

23Ez.13H1 - Internal Target: Compose Technical Paper on Cooperative Volumes

Owner: Nabil Sandhu

Description: This report will analyze and capture data from internal and external research as well as industry sources related to future Cooperative Volume development. The analysis will focus, at a macro level, on gathering the base information that will establish Cooperative Volume characteristics such as size, location, and timing. The results of the analysis will be used to guide Airspace Users as they propose parameters within the bounds that are set by the FAA. This paper is not intended to dictate the detailed Cooperative Volume characteristics, but to establish threshold limits that the Airspace Users can determine if they are feasible given their individual operating requirements. The final deliverable will be a report that will aid in the continued maturation of the UAM Concept of Operations.

Due Date: 04/30/23

23Ez.13H2 - Internal Target: Develop Initial UAM Roadmap for Interrelated Activities

Owner: Nabil Sandhu

Description: This roadmap establishes guiding direction for the current and future works. The document will be structured to show each of the deliverables along timelines and define the interrelated activities. Key interdependencies with other projects will also be captured. This deliverable will be a living document that will undergo updates throughout the body of work.

Due Date: 07/30/23

23Ez.13H3 - Internal Target: Research and Compose a Capability Analysis and Gap Identification from USS to PSU Report

Owner: Nabil Sandhu

Description: This deliverable will explore UTM Service Supplier (USS) capabilities and examine how these capabilities can be used to inform similar capabilities within Provider of Service for UAM (PSU). The established USS capabilities will be compared to the conceptual ideas for PSU to not only identify similarities, but also gaps. The effort conducted within this deliverable will provide information to Industry partners who may plan to transition a USS to a PSU. In addition to identifying these similarities and gaps, this report will also document areas of consideration which could include UAM Airspace volumes vs. UAM Corridors, Four-Dimensional Trajectory (4DT), operational elements (e.g., battery, navigational performance, lost-link procedures). The final deliverable will consist of a report capturing the results of the analysis and be used to inform other deliverables in this body of work.

Due Date: 09/30/23

23Ez.13I - Internal Activity: Urban Air Mobility Airspace Management Demonstration

Owner: Westley Wright

Description: Under the umbrella of the advanced air mobility (AAM), the Office of NextGen will focus on the Urban Air Mobility (UAM) airspace management. This research will showcase and validate the concepts described in the UAM Concept of Operation document leveraging the efforts of previous and concurrent research. This project, in collaboration with the industry partners, will exhibit the creation and management of UAM corridors and architecture components that support information exchanges in the ecosystem. Upon completion of the project and demonstration, a UAM Demonstration Architecture document will be developed. This document will define how the systems are integrated. It will also identify technologies that will be used to develop a detailed technical architecture design document. The architecture design document will guide the setup of an integrated prototype with all the required components, software, and Service Suppliers.

23Ez.13I1 - Internal Target: Demonstration Operational Requirements Document

Owner: Nabil Sandhu

Description: This report will leverage the detailed operational scenarios, use cases and information exchange to define the functional and non-functional requirements demonstrated. Further, this report will define goals, objectives, and the achievement metrics for the project. The non-functional requirements will document the safety, security, and usability of the systems to be used during demonstration preparation and execution

Due Date: 05/31/23

23Ez.13I2 - Internal Target: UAMD Safety Risk Management Plan

Owner: Nabil Sandhu

Description: This document is an analysis complying with the Safety Risk Management (SRM) process to analyze and determine high level safety considerations of this project. The analysis will examine these safety considerations and requirements against the operational use cases and operational scenarios that are planned. The report will document the analysis and any safety considerations for the UAM Airspace MADemonstration and associated system(s) to ensure that they are acceptably safe.

Due Date: 08/31/23

23Ez.14 - Internal Initiative: Stakeholder Engagement & Outreach

Owner: Antoine Charles

Description: Enhance domestic and international stakeholder confidence in NextGen and engage stakeholders in NextGen through collaboration and messaging.

23Ez.14A - Internal Activity: Stakeholder Collaboration

Owner: Kimberly Noonan

Description: Enable and facilitate collaboration throughout the FAA, aviation community and interagency partners by sharing resulting actions, outcomes, and information.

23Ez.14A1 - Internal Target: NextGen Advisory Committee

Owner: Kimberly Noonan

Description: Execute two NextGen Advisory Committee (NAC) meetings and provide meeting summary reports.

Due Date: 09/30/23

23Ez.14B - Internal Activity: Outreach Division

Owner: Tony Diana

Description: Effectively communicate to stakeholders the NextGen initiatives in support of modernization for an information centric National Airspace System (NAS).

23Ez.14B1 - Internal Target: Develop NextGen Annual Report for Fiscal Year 2023

Owner: Anthony Chu

Description: Deliver the draft NextGen Annual Report for Fiscal Year 2023 to the Assistant Administrator for NextGen.

Due Date: 09/30/23

23Ez.14B2 - Internal Target: Leveraging the power of the Cloud to support messaging and stakeholder communication

Owner: Lisa Williams

Description: Create a repository of unstructured data to include speech, video logs, blogs, and leverage it for at least five (5) text analytics studies or data visualization products for requesting lines of business (LOBs) or staff offices to support strategic messaging and stakeholder engagement.

Due Date: 09/30/23

23Ez.14B3 - Internal Target: NextGen in the News Newsletter

Owner: Lisa Williams

Description: Provide at least fifteen (15) issues per month of the 'NextGen in the News' newsletter. 'NextGen in the News' is a compilation of the latest media articles about the FAA's efforts to modernize the National Aerospace System (NAS). It provides awareness to ANG and FAA leadership about the topics that are worthy of media coverage, and which media sources are publishing it.

Due Date: 09/30/23

23Ez.14B4 - Internal Target: Extending and Leveraging NextGen Messaging Capabilities

Owner: Anthony Chu

Description: Leverage external and internal web content and Assistant Administrator for NextGen (ANG) messaging to highlight ANG activities.
Promote use of the ANG employee website through ANG-1 messaging. Complete monthly web content reviews by directorate as required per the ANG web policy. Contribute (50) ANG Forward articles, ANG-1 broadcast messages, or presentations delivered by ANG executives during the fiscal year.

Due Date: 09/30/23

23Ez.15 - Internal Initiative: Operations and Cost Benefits Analysis and Reporting

Owner: Gregory Burke

Description: Inform FAA/NextGen Stakeholders on the Enterprise level shortfalls and potential benefits of new capabilities as well as assessing post-implementation benefits of key implementations to further inform NextGen Advisory Committee (NAC) and other Stakeholders on value. Improve data analysis, modeling and visualization capabilities to better inform stakeholders on implementations with more complex benefit cases.

23Ez.15A - Internal Activity: Post and Future Implementation Analyses to Support FAA Executive Leadership and NextGen Advisory Committee

Owner: Dave Knorr

Description: In support of the FAA, NextGen Advisory Committee (NAC), and other stakeholders key NAS implementations will be evaluated. Key implementations are those that are expected drive operational benefits to airspace users. Evaluations include support to the Joint Analysis Team (JAT) as well as other implementations with expected user benefits. Additionally, assessment of potential benefits from MCL equipage scenarios will also be completed as necessary.

23Ez.15A1 - Internal Target: Joint Analysis Team North East Corridor Analyses

Owner: Martin Durbin

Description: Finalize collection of complex baseline data for normalization and begin post-implementation evaluation (as appropriate), to address key North East Corridor (NEC) implementations including Atlantic Coast Routes, Pre-Departure reroutes & Airborne Reroute (PDRR/ABRR), and work with Air Traffic Organization (ATO) on Time Based Flow Management (TBFM) at Philadelphia International Airport (PHL).

Due Date: 08/31/23

23Ez.15A2 - Internal Target: Additional Post Operational Analyses

Owner: Martin Durbin

Description: Complete post operational analysis beyond what has been assigned to the Joint Analysis Team (JAT) and include normalizations necessary to adjust for COVID related demand changes. Also update NextGen's estimate of Implemented benefits as directed by the Assistant Administrator for NextGen, ANG-1.

Due Date: 09/30/23

23Ez.15A3 - Internal Target: Equipage Benefit Analysis

Owner: James Bonn

Description: Develop updated analysis of key equipage benefits combined with Trajectory Based Operations (TBO) tool implementations.

Due Date: 08/31/23

23Ez.15C - Internal Activity: Trajectory Based Operation Shortfall and Benefit Analyses

Owner: Dave Knorr

Description: Conduct Trajectory Based Operation (TBO) shortfall and benefit analyses using historical data and modeling tools to inform dynamic TBO enterprise planning.

23Ez.15C1 - Internal Target: Trajectory Based Operation Enterprise Level Shortfalls and Benefits for Arrivals

Owner: Martin Durbin

Description: Continue to identify shortfall gaps between the integration of strategic and tactical systems, including contributions from departure conformance and flight time predictions including analyses of Time Based Flow Management (TBFM), Terminal Flight Data Manager (TFDM), and Traffic Flow Management System (TFMS), to inform future implementation prioritizations and research.

Due Date: 06/30/23

23Ez.15C2 - Internal Target: Develop Trajectory Based Operation Initial Traffic Flow Management System, Trajectory Based Flow Management, Terminal Flow Data Management (3T) Shortfall/Benefits in Off-Nominal Conditions

Owner: James Bonn

Description: Develop refined benefit modeling to reflect the impact on multiple performance objectives from reduced uncertainty during GDPs and under TBO.

Due Date: 09/30/23

23Ez.15C3 - Internal Target: Departure Shortfall for Key Airports during Convective Weather

Owner: Martin Durbin

Description: Continue to expand departure shortfall analysis during convective weather beyond the Northeast Corridor (NEC). Potential study airports include Fort Lauderdale (FLL), Jacksonville (JAX), Miami (MIA), Tampa (TPA), Orlando (MCO), & Charlotte (CLT).

Due Date: 09/30/23

23Ez.15C4 - Internal Target: Future Benefit Analyses

Owner: James Bonn

Description: Conduct future benefit analyses in support of Portfolio Management and Technology Development Office, ANG-C, Air Traffic Management initiatives to inform implementation priorities and future research.

Due Date: 09/30/23

23Ez.15D - Internal Activity: Analyses of Operational Shortfalls for National Airspace System Future Vision

Owner: Dave Knorr

Description: Conduct analysis of FAA research activities mapping to operational shortfalls including integration of Uncrewed Airspace Users (UAS) to understand baseline impacts on traditional airspace users.

23Ez.15D1 - Internal Target: Unmanned Air Systems (UAS) Enterprise Architecture (EA) Automation Tripwire

Owner: James Bonn

Description: Establish initial enterprise Architecture (EA) Automation tripwire framework using new Un-crewed Aircraft Systems (UAS) forecasts for flights in controlled airspace where Air Traffic Control (ATC) services are provided.

Due Date: 07/31/23

23Ez.15D2 - Internal Target: Impact Analyses of Space Vehicle Operations

Owner: James Bonn

Description: Collect historical Space Vehicle Operations (SVO) data and conduct impact analysis on traditional traffic.

Due Date: 08/31/23

23Ez.15D3 - Internal Target: The Assistant Administrator for NextGen, ANG-1, Support for NextGen Benefits and Related Information supporting Stakeholder Requests

Owner: James Bonn

Description: Provide the Assistant Administrator for NextGen, ANG-1/Federal Aviation Administration (FAA) Leadership continued support for responding to stakeholder requests regarding NextGen benefits and related information.

Due Date: 09/30/23

23Ez.16 - Internal Initiative: National Airspace System Test and Evaluation

Owner: Paula Nouragas

Description: Test, analyze, and evaluate systems and services to verify and validate that products meet specifications, satisfy requirements, and are operationally suitable and effective.

23Ez.16A - Internal Activity: Conduct Test and Evaluation to Support Acquisition Programs

Owner: Paula Nouragas

Description: Execute Test and Evaluation to support key acquisition investment and operational readiness decisions for designated programs/projects. Specific systems include the NextGen Weather Processor (NWP), Aeronautical Information Management Modernization (AIMM), Future Flight Service Program (FFSP), and Terminal Sequencing and Spacing (TSAS). Lead the Terminal Flight Data Manager (TFDM) operational testing with Ops Team participation at WJHTC TFDM test lab and the Cleveland Air Traffic Control Center.

23Ez.16A1 - Internal Target: Conduct Operational Testing for TFDM

Owner: Xiaogong Lee

Description: Lead and conduct TFDM Build 1 Operational Testing (OT) with the Ops Team participants at the WJHTC TFDM test lab and Cleveland (CLE) Air Traffic Control Tower (ATCT) 11/30/2022; Complete TFDM Build 1 OT to support the operational suitability demonstration (OSD) and the In-Service Decision (ISD) by 9/30/2023.The TFDM system is an ATCT system focused on improving the flow of flight data and other tower data between ATCT and other ATC domain users. It provides data exchanges between users (controllers), stakeholders (airlines, airport authorities, and ramp operators), and facilitates user management of airport surface resources by providing a set of decision support capabilities to improve surface traffic flow. TFDM is an Acquisition Category 1 New Investment (ACAT 1NI) program. TFDM is in the Solution Implementation (SI) phase of the Acquisition Management System (AMS) Lifecycle.
OT is executed in a test environment (hardware, software, interfaces, etc.) representative of the expected in-service operational conditions. OT is conducted with a representative team of end users (Ops Team) who interface with or operate the system, service, or capability under test. The primary objective of OT is to examine performance and determine operational readiness (effectiveness and suitability) of a new or modified system for use in the NAS and to ensure that the NAS infrastructure is ready to accept the system. OT results are documented in an OT Final Report and used to determine operational suitability in support of the operational readiness decision for the Initial Operating Capability (IOC) and In Service Decision (ISD).

Due Date: 09/30/23

23Ez.16A2 - Internal Target: Conduct Operational Testing for Surveillance Systems

Owner: Joe Pagano

Description: Commence Mode Select Beacon Replacement System (MSBRS) OT at the Tech Center on 7/23/2023. The MSBRS Sustainment Phase 3 program is currently in the Solution Implementation (SI) phase of the Acquisition Management System (AMS) Lifecycle. MSBRS is an Acquisition Category Technology Refreshment 4 (ACAT 4TR) program. The MSBRS will replace Mode S Beacon systems that remain in the National Airspace System (NAS) at En Route and Terminal facilities following the current radar divestiture activities. The MSBRS is a ground-based radar system capable of both selective and general interrogation of transponder-equipped aircraft. This will replace current Mode S Beacon system hardware located below the rotary joint; existing antennas and rotary joints will be retained.; Commence Automatic Dependent Surveillance -Broadcast (ADS-B) Security Enhancement OT 9/23/23. ADS-B Security Enhancements is in the Solution Implementation phase of the Acquisition Management System (AMS) Lifecycle and an Acquisition Category New Investment 3 (ACAT 3NI) program. System Security Enhancements will be implemented in the ADS-B system upgrades to comply with Federal Information Processing Standards (FIPS) publication 1992 high controls.
The OT phase begins after Government Acceptance of the developed system, service or capability and the Development Test exit criteria have been satisfied. the OT Test Director ensures that OT entrance criteria are fully met before formal OT begins. A Test Readiness Review is conducted prior to the start of OT. OT is executed in a test environment (hardware, software, interfaces, etc.) representative of the expected in-service operational conditions. OT is conducted with a representative team of end users (Ops Team) who interface with or operate the system, service, or capability under test. The primary objective of OT is to examine/evaluate the system performance and determine its operational readiness (effectiveness and suitability) of a new or modified system f

Due Date: 09/30/23

23Ez.16B - Internal Activity: Apply Innovative Approaches to Testing

Owner: Paula Nouragas

Description: Expand use of hybrid test approaches, leveraging the secure remote test laboratory capabilities and tools, as appropriate for designated test programs. Innovative test approaches will be used for Operational and Supportability Implementation System (OASIS), NextGen Weather Processor (NWP), and Terminal Flight Data Management (TFDM).

23Ez.16B1 - Internal Target: Employ test innovations to ensure continuity of test services using a hybrid on site and remote testing configuration

Owner: Paula Nouragas

Description: Expand use of hybrid test approaches, leveraging the secure remote test laboratory capabilities and tools, as appropriate for designated test programs.
Operational and Supportability Implementation System (OASIS) II Alaska – Build Release 30
OASIS BR30 WJHTC Dry-Run testing (11/14/2022-11/25/2022) [conducted remotely via RMAG connectivity
OASIS BR30 System Testing (11/28/22-1/13/23) [conducted remotely via RMAG connectivity
OASIS BR30 Automation Testing (11/28/22-12/15/22) [conducted at Technical Center
NextGen Weather Processor, Development Test, Candidate Release Test 3 (CRT3)
NWP CRT3 Test Readiness Review (TRR) (10/26/22) [witnessed remotely
NWP CRT3 Test Conduct (10/26/22-11/18/22) [witnessed remotely
NWP CRT3 Test Conduct (FY23 1st Quarter
TFDM: Conduct a minimum of six (6) risk reduction tests by the Ops Team utilizing the onsite-remote hybrid test approach to provide data and end-user feedback to support development of Build 2 surface management capability 04/30/2023

Due Date: 09/30/23

23Ez.16B2 - Internal Target: Develop, accredit, and utilize automated test tools

Owner: Paula Nouragas

Description: Enhanced SWIM Cloud Service (ESCS) Test tools: Accredit the FAA Continuous Testing Service (FAACTS) for automated operational testing (9/1/2023); Use automated transmitter and receiver testbeds to evaluate NEXCOM radios during Operationa Capability Test and OT (9/30/2023). Automated test tools and new capabilities are developed and accredited prior to their use in support of operational testing. These assets are used in conjunction with the system/service under test or a representation of the system/service under test to generate data to address test measures. [Test capabilities include testbeds, simulated environments (including files and interfaces), instrumentation and test tools (including data collection and analysis), and modeling capabilities].

Due Date: 09/30/23

23Ez.16C - Internal Activity: Deliver High Quality Test and Evaluation Services

Owner: Paula Nouragas

Description: Deliver high quality test documentation as specified in FY23 Project Agreements with Program Office sponsors and customers for acquisition programs and projects requiring test services (Aeronautical Information, Mission Support, Air Traffic Management, Communications, Decision Support Systems, Flight Service, Navigation, Surveillance, and Weather). Evaluate the performance and effectiveness of the services and products provided by the division using the quality management systems and objective measures of customer satisfaction. This activity will ensure that the Test Services Divisions maintain their International Organization for Standardization (ISO) 9001 Certification.

23Ez.16C1 - Internal Target: Develop the annual T&E Performance Report

Owner: John Frederick

Description: Conduct Test Standards Board (TSB) independent review and assessment of the William J. Hughes Technical Center's (WJHTC's) test work products for projects following the Test and Evaluation (T&E) Handbook in order to deliver the annual T&E Performance Report (i.e. quality assessment of T&E services/products and process improvement recommendations).

Due Date: 01/31/23

23Ez.16C2 - Internal Target: Execute Test and Evaluation fiscal year project agreements to deliver test services and products in support of key acquisition investment and operational readiness decisions for designated programs/projects.

Owner: Paula Nouragas

Description: Deliver Test Work Products: NextGen Weather Processor (NWP) Development Test - Candidate Release Test 3 (CRT3) Interim Assessment Report (IAR). (3/31/2023)
Aeronautical Information Management Modernization (AIMM) Enhancement 1 (E1) - Enterprise Airspace Support Tool (EAST) Initial Test and Evaluation Master Plan (iTEMP). (4/15/2023)
Flight Service of 21st Century (FS21: Final FS21 Quality Monitoring Report - November 2022. (1/17/2023)
Future Flight Service Program (FFSP) Final Operational Suitability Demonstration (OSD) Final Assessment Report (FAR). (6/1/2023)
VOR MON Signal-in-Space Performance Report (FY23 1st Quarter)
TFDM Build 1 OT final report (11/30/2022)

WAAS Performance Monitoring Report (FY23 2nd Quarter)
TSAS Interim Assessment Report (IAR) Complete (11/30/22)
ASR-9 SLEP P3 OT Final Test Report Complete (8/31/23)
NEXTCOM P3 iTEMP (6/30/23); FENS iTEMP (11/30/2023)

Due Date: 09/30/23

23Ez.16C3 - Internal Target: Develop, Socialize, and Implement Verification and Validation Strategies and Practices by engaging with the Verification & Validation/Test & Evaluation community (e.g. government, industry and academia).

Owner: John Frederick

Description: Host the Annual Verification and Validation Summit to promote best practices, explore innovative, new and practical ways that support acquisitions of aviation systems and capabilities, and advance FAA missions and outcomes.

Due Date: 09/30/23

23Ez.18 - Internal Initiative: Environment and Weather Impact Mitigation

Owner: John Maffei

Description: Conduct Environment and Weather Impact Mitigation research to develop mitigations to the environmental impacts of aviation operations as well as the impact of weather on air transportation safety and efficiency.

23Ez.18A - Internal Activity: Reduced Weather Impact-Weather Observations Improvement (RWI-WOI)

Owner: William Bauman

Description: WOI explores mitigating automated winter weather sensing shortfalls in the ground-based weather observation network via the vetting of technology solutions. WOI is completing a multi-year work package which aims to deliver a technical approach for improving the Automated Surface Observing System (ASOS) and Automated Weather Observation System's (AWOS) capability to report multiple simultaneous precipitation types and intensities as defined by an integrated product team including the solution implementer, the Weather Sensors Program Management Office, and key users, such as Flight Standards de/anti-icing research teams and aircraft certification stakeholders. Enabling the reporting of multiple simultaneous precipitation types will enhance winter weather information to support ground de-icing decisions. The final phases of this work package includes developing system design documents, engineering risk mitigation strategies, and mixed precipitation modeling and demonstration capabilities.

23Ez.18A1 - Internal Target: Complete Present Weather Sensor as a Proxy for Visibility Measurement Report

Owner: Starr Mcgettigan

Description: Modern present weather sensors employ volume sampling techniques that identify precipitation type. This report will assess the feasibility of using Present Weather Sensor precipitation type and extrapolating the sampled volume to compute visibility. Early indications suggest this capability may allow for Automated Surface Weather Observation Network (ASWON) sensor consolidation as current ASWON visibility sensor technologies are growing obsolete. The report will be used as input to the ASWON sustainment business case

Due Date: 02/15/23

23Ez.18A2 - Internal Target: Complete Present Weather Sensor Techniques to Identify Freezing Precipitation Report.

Owner: Starr Mcgettigan

Description: Some Automated Surface Weather Observation Network (ASWON) systems employ an ice accretion sensor to determine freezing precipitation. Modern present weather sensors have the capability of detecting both freezing rain and freezing drizzle without the use of the ice accretion sensor. This report documents a preliminary assessment to explore the use of the present weather sensor as a potential replacement to the ice accretion sensor with an emphasis on how the value of ice accretion alone has become a metric for deicing and anti-icing rules and procedures.

Due Date: 02/15/23

23Ez.18B - Internal Activity: Reduced Weather Impact (RWI) - Weather Forecast Improvements

Owner: William Bauman

Description: Complete and submit draft FY25 RWI Enhancement 1 Resource Planning Document (RPD) and associated Capital Investment Team (CIT) updates using Spire BFM tool. Combined, these documents depict future aviation weather integration and/or aviation weather translation requirements, shortfalls and/or opportunities. The documents also prioritize work by correlating projected out year funding against the specified requirements

23Ez.18B1 - Internal Target: Complete Terminal Precipitation on the Glass Final Requirements Document

Owner: Everette Whitfield

Description: Updates to the Program Requirements Document will be made to reflect outcomes and trade-off decisions made during initial investment analysis and to reflect the anticipated functional and performance capability of the alternative determined to be most beneficial and affordable from the analysis

Due Date: 08/30/23

23Ez.18B2 - Internal Target: Complete the Terminal Precipitation on the Glass Test and Evaluation Master Plan

Owner: Everette Whitfield

Description: Complete the initial Test and Evaluation Master Plan (TEMP) consistent with the final requirements document. The TEMP describes the test program for the initiative, establishes the basis for test requirements in the request for offer to industry, and establishes the basis for test costs and schedules in the acquisition program baseline or execution plan

Due Date: 08/30/23

23Ez.18C - Internal Activity: New ATM - Weather Transition

Owner: Randy Bass

Description: Identifies research concepts and capabilities that have appropriately matured and transitions them from RE&D to F&E funding. This PLA manages AMS Concept Maturity and Technical Development (CMTD) activities. It funds the development of Pre-CRDR AMS artifacts. It supports the transition of weather capabilities to FAA operational platforms. This program also supports the transition of aviation weather research to the National Weather Service (NWS) for operational production of weather capabilities to FAA platforms.

23Ez.18C1 - Internal Target: Weather Requirements Service (WRS) Near-Term Roadmap

Owner: Randy Bass

Description: The Weather Requirements Service (WRS) Near-Term Roadmap will include the FY22-27 “as-is” and “to be” states to identify and analyze products in the R2O phases of development, weather needs identified via the Weather Needs Portal, and other established forums.

Due Date: 08/31/23

23Ez.18C2 - Internal Target: The EWRS Concept Operations Report

Owner: William Bauman

Description: The EWRS Concept Operations Report is for a specific AJV-coordinated weather need. This report documents weather problem statements, impacts to operations, “as-is” and the “to-be” state of the weather need as well as any previous work completed on the specific weather need

Due Date: 07/01/23

23Ez.18C3 - Internal Target: The Operations Service Environment Description (OSED) assessment

Owner: William Bauman

Description: The Operations Service Environment Description (OSED) assessment will analyze convective weather products produced by FAA systems or by the National Weather Service. The OSED will then develop a strategic plan to remove duplicative or inconsistent convective weather information from products used throughout the NAS

Due Date: 09/30/23

23Ez.18D - Internal Activity: Aviation Weather Research Program

Owner: William Bauman

Description: The Aviation Weather Research Program performs applied weather research addressing the need to advance the state of weather forecast and diagnosis information such that it can be exploited for integration into Air Traffic Management decision-support processes. Hazardous weather phenomena such as turbulence, inflight icing, thunderstorms, and low ceilings and visibility undergo research in order to forecast the timing and intensity of these conditions better, or to mitigate the impacts of these conditions on the NAS. The new Rapid Refresh Forecast System being developed by NOAA and partially funded by the FAA will undergo validation testing for aviation purposes. A fast-time, ultra-high resolution model on the order of a few meters will be tested to evaluate the effects of a range of weather conditions and hazards on UAS/UAM operations using the Raleigh, NC area as a model. In addition, a Safety Risk Management panel will be convened to assess the benefits of adding a capability to estimate visibility using automated methods to the FAA Weather Camera operational website.

23Ez.18D1 - Internal Target: Ensemble Prediction of Oceanic Convective Hazards (EPOCH)

Owner: William Bauman

Description: Transfer Ensemble Prediction of Oceanic Convective Hazards (EPOCH) to National Weather Service to meet finer spatial and temporal requirements. EPOCH uses multiple international numerical weather prediction models to create a 6-48 forecast of worldwide convection that may impact aviation operations

Due Date: 07/31/23

23Ez.18D2 - Internal Target: Report on the Forecast Icing Product (FIP)

Owner: William Bauman

Description: Report on the Forecast Icing Product (FIP) v2.0 Quality Assessment evaluating FIP algorithm performance to determine impacts from the shift in underlying model data from 13-km to 3-km horizontal grid spacing

Due Date: 05/31/23

23Ez.18D3 - Internal Target: Development and verification of 15-minute Gridded Localized Aviation Model Output Statistics Product (GLMP)

Owner: William Bauman

Description: Report detailing the development and verification of 15-minute Gridded Localized Aviation Model Output Statistics Product (GLMP) forecasts of Ceiling and Visibility valid at 15-minute time steps out to 3 hours

Due Date: 05/31/23

23Ez.18E - Internal Activity: Weather Technology in the Cockpit

Owner: William Bauman

Description: Address the need for enhanced cockpit weather technology, information, and human factors principals to achieve objectives of improved aviation operational efficiency and safety, reduced flight delays, and reduced gaseous emissions in or due to adverse weather.

23Ez.18E1 - Internal Target: Report detailing the development and verification of 15-minute Gridded Localized Aviation Model Output Statistics Product (GLMP) forecasts of Ceiling and Visibility valid at 15-minute time steps out to 3 hours

Owner: William Bauman

Description: The overall project is intended to demonstrate the feasibility of using voice-to-text capabilities to tease out weather information from pilot to Air Traffic Control conversations, and translate that information into accurately formatted PIREPs

Due Date: 04/30/23

23Ez.18E2 - Internal Target: ADS-B Turbulence algorithms

Owner: William Bauman

Description: Complete a draft plan detailing options for transition of the ADS-B Turbulence algorithms for operational use

Due Date: 08/31/23

23Ez.18E3 - Internal Target: Pilot Industry Survey report.

Owner: William Bauman

Description: Validate the weather technology and information gaps, and the areas of improvement identified in the Pilot Industry Survey report. Airline organizations, airline weather information providers, and other organizations which represent and advocate for weather information in the cockpit will be surveyed and interviewed to verify and validate the report

Due Date: 01/31/23

23Ez.18F - Internal Activity: Conduct Ground Icing Research

Owner: Dave Atwood

Description: Conduct tests in a climate chamber to determine how long deicing fluids are effective for a range of aircraft ground icing conditions. This testing will be done in partnership with Transport Canada and will be conducted at the Canadian National Research Council climatic chamber. The output from this testing will be included in the 2023/2024 winter operation guidance which will be published in August 2023. This guidance sets global deicing aircraft holdover times to ensure safe takeoff operations during aircraft ground icing conditions.

Core Coordinated: Agreed

23Ez.18F1 - Internal Target: Climatic chamber tests to determine endurance times for simultaneously occurring conditions.

Owner: Dave Atwood

Description: Conduct at the NRC climatic chamber to determine endurance times for specific simultaneously occurring conditions. Testing will be conducted using frosticator plates that are exposed to simulated mixed phase conditions. The output from this testing will be included in the 2023/2024 winter operation guidance which will be published in August 2023. This research is needed to ensure safe takeoff operations during simultaneously occurring ground icing conditions.

Due Date: 09/30/23

23Ez.18F2 - Internal Target: Aerodynamic testing of a vertical tail model to determine effectives with frozen contaminants.

Owner: Dave Atwood

Description: Conduct at the NRC 3m x 9m wind tunnel to determine the aerodynamic effects of frozen contamination on a vertical tail including the vertical stabilizer and rudder. This research utilizes a vertical tail model that is representative of a commercial airliner and will be used to simulate takeoff in both clean and contaminated conditions. The data from this research will be used to determine the effectiveness of the vertical stabilizer and rudder during normal, crosswind, and critical engine failure takeoffs, and will be used to develop policy and guidance by Flight Standards.

Due Date: 09/30/23

23Ez.19 - Internal Initiative: Eastern Service Area (AJW-E)

Owner: Richard Morgan

Description: Executes the mission of Technical Operations Services: ensures effective NAS operation; establishes service unit goals, strategies budgets and priorities; allocates and manages resources; meets performance targets, and supplies services, as requested, to meet the requirements of the service units. Develops technical and maintenance requirements, standards, policies, procedures, plans, fiscal management and programs for the maintenance engineering associated with modernization, strategic planning, implementation, installation and operations of the NAS. Completes scheduled activities to ensure optimal system reliability.

23Ez.19A - Internal Activity: Maintain facilities in the Eastern Service Area to ensure NAS reliability

Owner: Richard Morgan

Description: Complete scheduled activities to ensure optimal system reliability.

23Ez.19A1 - Internal Target: Maintain facilities in the Eastern Service Area to ensure NAS reliability

Owner: Richard Morgan

Description: Track and maintain core airport NAS reliability of at least 99.7%.

Due Date: 09/30/23

23Ez.20 - Internal Initiative: Central Service Area (AJW-C)

Owner: Doug Lockwood

Description: Execute the mission of Technical Operations Services: Ensure effective NAS operation; establish Service Unit goals, strategize budgets and priorities; allocate and manage resources; meet performance targets, and supply services, as requested, to meet the requirements of the Service Units. Develop technical and maintenance requirements, standards, policies, procedures, plans, fiscal management and programs for the maintenance engineering associated with modernization, strategic planning, implementation, installation and operation of the NAS. Complete scheduled activities to ensure optimal system reliability.

23Ez.20A - Internal Activity: Maintain facilities in the Central Service Area

Owner: Doug Lockwood

Description: Complete scheduled activities to ensure optimal system reliability.

23Ez.20A1 - Internal Target: Maintain facilities in the Central Service Area

Owner: Doug Lockwood

Description: Track and maintain core airport NAS reliability of at least 99.7%.

Due Date: 09/30/23

23Ez.21 - Internal Initiative: Western Service Area (AJW-W)

Owner: Dave Washino

Description: Execute the mission of Technical Operations Services: Ensure effective NAS operation; establish Service Unit goals, strategize budgets and priorities; allocate and manage resources; meet performance targets, and supply services, as requested, to meet the requirements of the Service Units. Develop technical and maintenance requirements, standards, policies, procedures, plans, fiscal management and programs for the maintenance engineering associated with modernization, strategic planning, implementation, installation and operation of the NAS. Complete scheduled activities to ensure optimal system reliability.

23Ez.21A - Internal Activity: Maintain facilities in the Western Service Area

Owner: Dave Washino

Description: Complete scheduled activities to ensure optimal system reliability.

23Ez.21A1 - Internal Target: Maintain facilities in the Western Service Area

Owner: Dave Washino

Description: Track and maintain core airport NAS reliability of at least 99.7%.

Due Date: 09/30/23

23Ez.23 - Internal Initiative: Advanced Technologies and Oceanic Procedures (ATOP)

Owner: Jere Hayslett

Description: The ATOP program replaced oceanic air traffic control systems, updated procedures, and modernized the Oakland, New York, and Anchorage Air Route Traffic Control Centers (ARTCCs), which house these oceanic automation systems. A support system was also installed at the William J. Hughes Technical Center (WJHTC). ATOP fully integrates flight data processing, detects conflicts between aircraft, provides data link and surveillance capabilities, and automates the previous manual processes. A second technology refresh for the automation system was completed in 2020 for all three operational sites and the WJHTC labs. This technology refresh activity increased system performance, capacity, and usability. The ATOP program continued to deliver safety and efficiency enhancements through FY 2025 for evolutionary improvements to the ATOP system.

23Ez.23A - Internal Activity: Advanced Technologies and Oceanic Procedures (ATOP) E1, A10.03-02

Owner: John Moore

Description: The Advanced Technologies and Oceanic Procedures (ATOP) - Enhancement 1 program provides 5 large-scale capabilities to address the operational shortfalls of the current oceanic system. The program evolved the capabilities from the requirements validated by the Air Traffic Organization Air Traffic Services Office.

23Ez.23A1 - Internal Target: Advanced Technologies and Oceanic Procedures (ATOP) Enhancement 1 - Release T32 Software Hand-Off to Test Complete.

Owner: John Moore

Description: Advanced Technologies and Oceanic Procedures (ATOP) Enhancement 1 - Release T32 Software Hand-Off to Test Complete.

Due Date: 08/31/23

23Ez.24 - Internal Initiative: Flow Management Data and Services (FMDS)

Owner: Jere Hayslett

Description: Flow Management Data and Services (FMDS) is a system that will replace the legacy Traffic Flow Management System (TFMS), and will will provide tools for users to develop, coordinate, issue, and manage Traffic Management Initiatives (TMIs) that balance flight demand and NAS capacity. FMDS is envisioned to leverage new technologies and a new approach to software development and deployment to accelerate the delivery of Traffic Flow Management (TFM) automation capabilities. FMDS will employ a new software architecture and infrastructure which will allow TFM activities to scale to projected air traffic growth. With an architecture designed for flexibility and extensibility, FMDS will provide a foundation for future TFM capabilities that can leverage new technologies and operate in a more interconnected operational and technical environment.

23Ez.24A - Internal Activity: Flow Management Data and Services, A05.01-18

Owner: Casey Nair

Description: FMDS Investment Analysis Readiness Decision is planned for Q1 CY2023.

23Ez.24A1 - Internal Target: Develop Flow Management Data and Services (FMDS) final Program Requirements Document (fPRD).

Owner: Casey Nair

Description: Develop Flow Management Data and Services (FMDS) final Program Requirements Document (fPRD).

Due Date: 09/30/23

23Ez.25 - Internal Initiative: Standard Terminal Automation Replacement System

Owner: Jere Hayslett

Description: The Standard Terminal Automation Replacement System (STARS) is a joint Department of Defense and Department of Transportation (FAA) program to modernize terminal air traffic control automation systems. Air traffic controllers use the STARS automation and displays to ensure the safe separation of aircraft (both military and civilian) within the nation's airspace. STARS is expandable to accommodate future air traffic growth and new hardware. Planning for technology refreshment and sustainment enables identification and qualification of affected components before they become inoperable due to obsolescence. For example, the processor currently used in STARS is no longer available from the manufacturer. The consequences of obsolescence have collateral implications in the areas of engineering, training, maintenance and many other disciplines. STARS sustainment is needed to address changes in hardware and to address changes in software and to support the STARS upgrades needed for enhanced performance and capacity in support of new capabilities.

23Ez.25A - Internal Activity: Standard Terminal Automation Replacement System (STARS) Sustainment 3, A04.01-05

Owner: Lisa Bercher

Description: Standard Terminal Automation Replacement System (STARS) Sustainment 3, A04.01-05

23Ez.25A1 - Internal Target: Standard Terminal Automation Replacement System (STARS) Sustainment 3 - Acceptance of 25 Equipment Racks at STARS Material Center (SMC).

Owner: Lisa Bercher

Description: Standard Terminal Automation Replacement System (STARS) Sustainment 3 - Acceptance of 25 Equipment Racks at STARS Material Center (SMC).

Due Date: 12/31/22

23Ez.26 - Internal Initiative: Airborne Collision Avoidance System X (ACAS X)

Owner: Amy Gusky

Description: ACAS X is being developed to meet future collision avoidance requirements. The program will replace the existing Traffic Alert and Collision Avoidance Systems II (TCAS II) that is required in the U.S. airspace for all commercial aircraft with 30 or more seats and on all cargo aircraft greater than 33,000 pounds. ACAS X will reduce the number of nuisance Resolution Advisories (RA) in U.S. airspace and better support future operations.

The ACAS X system will address shortfalls in the legacy TCAS II system. First, the system architecture will be designed so that threat detection and resolution logic changes can be made quickly using an automated process, which will be useful for future adaptations to Next Generation Air Transportation System (NextGen) operations. Second, ACAS X will have enough flexibility to be able to accommodate a variety of sensor types, including new generations of sensors where necessary. Third, ACAS X will reduce the number of “nuisance alerts” while simultaneously providing a reduced probability of near mid-air collision. The ACAS X systems have three variants in active development:

• ACAS Xa: Will use active interrogations and replies in concert with passive reception of ADS-B information to perform surveillance; ACAS Xa is the variant of ACAS X most similar to TCAS II in its form and function
• ACAS Xo: For use with NextGen operations where other variants of ACAS X would generate unacceptably high rates of RAs if used; an example of such an operation would be Closely-Spaced Parallel Operations (CSPO)
• ACAS Xu: For use with Unmanned Aircraft Systems (UAS), it is a complete Detect and Avoid (DAA) solution and designed to facilitate the integration of UAS into civil airspace by maintaining or improving current safety while meeting International Civil Aviation Organization (ICAO) requirements for global interoperability

23Ez.26A - Internal Activity: Unmanned Aircraft Systems (UAS) - Urban Air Mobility, G01A.05-06

Owner: Neal Suchy

Description: Unmanned Aircraft Systems (UAS) - Urban Air Mobility, G01A.05-06

23Ez.26A1 - Internal Target: Complete Airborne Collision Avoidance System X for Rotorcraft (ACAS Xr) Run 3 Logic Software Release.

Owner: Neal Suchy

Description: Complete Airborne Collision Avoidance System X for Rotorcraft (ACAS Xr) Run 3 Logic Software Release.

Due Date: 04/30/23

23Ez.26A2 - Internal Target: Complete initial draft version of V2V/V2G (V2X) Concept of Operations (CONOPS).

Owner: Neal Suchy

Description: Complete initial draft version of V2V/V2G (V2X) Concept of Operations (CONOPS).

Due Date: 08/31/23

23Ez.26A3 - Internal Target: Complete initial draft version of the Airborne Collision Avoidance System X for Rotorcraft (ACAS Xr) Minimum Operational Performance Standards (MOPS).

Owner: Neal Suchy

Description: Complete initial draft version of the Airborne Collision Avoidance System X for Rotorcraft (ACAS Xr) Minimum Operational Performance Standards (MOPS).

Due Date: 09/30/23

23Ez.27 - Internal Initiative: Traffic Flow Management System (TFMS) Enhancement 4

Owner: Jere Hayslett

Description: TFMS Enhancement 4 deployed Airborne Reroute/Pre-departure Reroute (ABRR/PDRR) enhancements in October 2021. ReRoute Impact Assessment (RRIA) is planned for deployment in October 2022. RRIA will allow traffic management specialists to better manage air traffic when flights encounter en route constraints.

23Ez.27A - Internal Activity: Traffic Flow Management System (TFMS) Enhancement 4, G05A.05-03

Owner: Danny Noh

Description: The TFMS Enhancement 4 (E4) program is envisioned to improve a variety of flow management decision support tools. TFMS E4 was re-scoped and approved to replace Improved Demand Predictions (IDP), Integrated Departure Route Planner (IDRP), and Common Support Services – Weather (CSS-Wx) enhancements with TFMS R14 (including Pre-Departure ReRoute/Airborne ReRoute enhancements and Surface Viewer) and TFMS R15 (including Re-Route Impact Assessment enhancements).

23Ez.27A1 - Internal Target: Traffic Flow Management System (TFMS) Enhancement 4 - ReRoute Impact Assessment (RRIA) ready for Operations.

Owner: Danny Noh

Description: Traffic Flow Management System (TFMS) Enhancement 4 - ReRoute Impact Assessment (RRIA) ready for Operations.

Due Date: 04/30/23

23Ez.31 - Internal Initiative: Terminal Flight Data Manager (TFDM)

Owner: Jere Hayslett

Description: The TFDM program will deliver to tower Air Traffic Controllers (ATC) and FAA traffic managers NextGen decision support capabilities that integrate flight, surface surveillance, and traffic management information. TFDM will provide an approach for the collection, distribution, and update of flight data information in the terminal area and to improve access to information for the safe and efficient control of air traffic. The use of Electronic Flight Data and Strips (EFD/EFS) will allow tower controllers to maintain an integrated view of the air traffic environment, improving situational awareness of airport operations. TFDM decision support capabilities will promote safe and efficient airport operations in managing airport surface traffic sequencing and scheduling. TFDM will automate the manual flight data processes to enable enhanced data sharing between the Tower, the En Route, and Approach Control ATCs, Traffic Flow Management (TFM), and Flight/Airline Operations domains. This eliminates the necessity of physical exchange of flight data, reduces telephone exchange of data between facilities, and reduces manual re-entry of data among multiple ATC systems. This will also facilitate data exchange with aviation partners (airlines and flight operators) to support collaborative decision making. In addition, there are a number of legacy systems that TFDM will replace which would lead to greater efficiency and cost avoidance. The systems included are Advanced Electronic Flight Strips (AEFS), Surface Movement Advisor (SMA), Airport Resource Management Tool (ARMT), Departure Spacing Program (DSP), and Electronic Flight Strip Transfer System (EFSTS). TFDM will deliver multiple NAS benefits; reduced surface delay, taxi time, fuel burn, and reduced CO2 emissions, improved airport utilization during times when demand exceeds capacity, improved shared situational awareness and enhanced safety.

23Ez.31A - Internal Activity: Terminal Flight Data Manager (TFDM), G06A.03-01

Owner: Robert Hanes

Description: TFDM program will deliver to tower Air Traffic Controllers (ATC) and FAA traffic managers NextGen decision support capabilities that integrate flight, surface surveillance, and traffic management information. TFDM will provide an approach for the collection, distribution, and update of flight data information in the terminal area and to improve access to information for the safe and efficient control of air traffic.

23Ez.31A1 - Internal Target: Terminal Flight Data Manager (TFDM) - Build 1 Key-Site Initial Operational Capability (IOC).

Owner: Robert Hanes

Description: Terminal Flight Data Manager (TFDM) - Build 1 Key-Site Initial Operational Capability (IOC).

Due Date: 11/30/22

23Ez.31A2 - Internal Target: Terminal Flight Data Manager (TFDM) - Complete Build 2.1 post development Test.

Owner: Robert Hanes

Description: Terminal Flight Data Manager (TFDM) - Complete Build 2.1 post development Test.

Due Date: 03/31/23

23Ez.31A3 - Internal Target: Terminal Flight Data Manager (TFDM) - Build 1 Independent Operational Assessment (IOA).

Owner: Robert Hanes

Description: Terminal Flight Data Manager (TFDM) - Build 1 Independent Operational Assessment (IOA).

Due Date: 05/31/23

23Ez.31A4 - Internal Target: Terminal Flight Data Manager (TFDM) - Build 1 In Service Decision (ISD).

Owner: Robert Hanes

Description: Terminal Flight Data Manager (TFDM) - Build 1 In Service Decision (ISD).

Due Date: 07/31/23

23Ez.31A5 - Internal Target: Terminal Flight Data Manager (TFDM) - Complete Build 2.2 Software Development.

Owner: Robert Hanes

Description: Terminal Flight Data Manager (TFDM) - Complete Build 2.2 Software Development.

Due Date: 08/31/23

23Ez.32 - Internal Initiative: Offshore Automation (OA)

Owner: Jere Hayslett

Description: The OA program will replace legacy automation systems at the four offshore facilities in Anchorage Air Route Traffic Control Center (ZAN), Honolulu Control Facility (HCF), Guam Combined Center Radar Approach Control (CERAP), and San Juan CERAP with nationally baselines and supported National Airspace System (NAS) standardized automation solutions. The current automation systems include Surveillance Data Processing (SDP) Microprocessor En Route Automated Radar Tracking System (Micro-EARTS) at all four sites, and Flight Data Processing (FDP) systems currently provided by three unique systems: FDP System (FDPS) at Anchorage, Offshore Flight Data Processing System (OFDPS) at HCF with a data feed to Guam; and Miami ARTCC's En Route Automation Modernization (ERAM) connection that uses unique software adaptation to San Juan.

Due to the associated program cost and sustainability concerns related to OFDPS and FDPS, the OA program has taken a segmented approach. Segment 1 will include implementation of En Route Automation Modernization (ERAM) at HCF and ZAN. In addition to addressing the sustainability concerns, OA Segment 1 will provide nationally supported NAS standardized platforms that will bring the two facilities into strategic alignment with the Contiguous United States (CONUS) NAS. The benefits of this effort will allow for future Next Generation Air Traffic System (NextGen) development, automation redundancy and resiliency, ease future lifecycle challenges associated with the legacy systems, including reducing the number of automation platforms requiring separate maintenance and training support, and allow for greater workforce flexibility. Segment 2 will replace the terminal sectors and is a separate investment.

23Ez.32A - Internal Activity: Offshore Automation (OA), A38.01-01

Owner: Abdullah Kakar

Description: Offshore Automation (OA)

23Ez.32A1 - Internal Target: Complete Systems Engineering for Fused Display Mode (FDM) Functionality for Honolulu Control Facility (HCF).

Owner: Abdullah Kakar

Description: Complete Systems Engineering for Fused Display Mode (FDM) Functionality for Honolulu Control Facility (HCF).

Due Date: 03/31/23

23Ez.32A2 - Internal Target: Offshore Automation (OA) Contract Definitization.

Owner: Abdullah Kakar

Description: Offshore Automation (OA) Contract Definitization.

Due Date: 07/31/23

23Ez.34 - Internal Initiative: Internal Work Initiative: ADS-B NAS Wide Implementation

Owner: Amy Gusky

Description: Air Traffic Control (ATC) surveillance and aircraft separation services are currently provided using primary and secondary surveillance radar systems in the U.S. National Airspace System (NAS). A need to improve the FAA's surveillance capabilities, in the surface, terminal, en route and oceanic airspace, must be balanced with a more efficient and affordable solution to accommodate the projected capacity demands. The Federal Aviation Administration (FAA) determined that Automatic Dependent Surveillance-Broadcast (ADS-B), with Traffic Information Services-Broadcast (TIS-B) and Flight Information Services-Broadcast (FIS-B), is a viable technology solution to meet the challenges of the future. This ability to use the ADS-B technology as a surveillance source is made possible due to advancements in surveillance techniques, satellite-based navigation, avionics, and communication data links.

23Ez.34A - Internal Activity: Automatic Dependent Surveillance-Broadcast (ADS-B) NAS Wide Implementation - Baseline Services Future Segments, G02S.03-06

Owner: Stanton Brunner

Description: The Final Investment Decision (FID) for ADS-B BSFS occurred on May 15, 2019. The program plans to sustain baseline services and applications including continuing leased ADS-B services, implementing mitigations for spectrum congestion, and re-competing the ADS-B service contract. The ADS-B system has both airborne and ground-based elements, including an infrastructure to transmit data to pilots as well as ATC facilities across the NAS. Other services provided include Traffic Information Service – Broadcast (TIS-B), Flight Information Service – Broadcast (FIS-B), Automatic Dependent Surveillance - Rebroadcast (ADS-R), and Wide Area Multilateration (WAM). The program will also provide program management to support mitigations against jamming and spoofing, dedicated support for Gulf of Mexico platform owners, and upgrades to automation platforms.

23Ez.34A1 - Internal Target: Radar Divestiture / ADS-B BSFS - Complete preliminary written documentation for divesting 10 candidate radar sites.

Owner: Bashar Halabi

Description: Radar Divestiture / ADS-B BSFS - Complete preliminary written documentation for divesting 10 candidate radar sites.

Due Date: 06/30/23

23Ez.34A2 - Internal Target: ADS-B Resiliency Assessment (ARA) - Delivery of one radio variant software upgrade to Surveillance and Broadcast Services System (SBSS) factory integration.

Owner: Stanton Brunner

Description: ADS-B Resiliency Assessment (ARA) - Delivery of one radio variant software upgrade to Surveillance and Broadcast Services System (SBSS) factory integration.

Due Date: 09/30/23

23Ez.34A3 - Internal Target: Complete installation of the Automatic Dependent Surveillance - Broadcast (ADS-B) radios on the Anchor Platform.

Owner: Stanton Brunner

Description: Complete installation of the Automatic Dependent Surveillance - Broadcast (ADS-B) radios on the Anchor Platform.

Due Date: 08/31/23

23Ez.34A4 - Internal Target: Conduct briefings with six ARTCCs and explain the process and steps to begin and/or expand three-mile operations.

Owner: Stanton Brunner

Description: Conduct briefings with six ARTCCs and explain the process and steps to begin and/or expand three-mile operations.

Due Date: 09/30/23

23Ez.34A5 - Internal Target: Conduct 3NM Airspace Lessons Learned Briefings at three ARTCCs without three-mile airspace to facilitate their adoption of 3NM operations.

Owner: Stanton Brunner

Description: Conduct 3NM Airspace Lessons Learned Briefings at three ARTCCs without three-mile airspace to facilitate their adoption of 3NM operations.

Due Date: 09/30/23

23Ez.34B - Internal Activity: Automatic Dependent Surveillance-Broadcast (ADS-B) NAS Wide Implementation - Enhancements, G02S.06-01

Owner: Stanton Brunner

Description: The Automatic Dependent Services-Broadcast (ADS-B) Enhancements project is part of the Surveillance and Broadcast Services (SBS) program. It builds on the services and applications provided by the SBS program, as most recently described in the ADS-B Baseline Services Future Segments (BSFS) Business Case Analysis Report (BCAR). The ADS-B Enhancements project is securing funding for improvements to be implemented between fiscal year (FY) 2022 and FY 2025. Previous SBS investments have used a combined, multi-phase post-implementation review (PIR) strategy with a last phase PIR scheduled to be completed in 2022. However, since the implementation of the proposed enhancements occurs after the last phase of the combined SBS PIR, a new PIR strategy has been developed which focuses directly on the ADS-B enhancements.

The scope of the ADS-B Enhancements project includes three parts:
1. ADS-B Service Expansion
2. Selected Altitude
3. Security Enhancements

23Ez.34B1 - Internal Target: Complete ADS-B In Change Request Verification (CRV) for SIG2007.

Owner: Stanton Brunner

Description: Complete ADS-B In Change Request Verification (CRV) for SIG2007.

Due Date: 06/30/23

23Ez.34B2 - Internal Target: ADS-B Enhancements - Start security enhancements Factory Acceptance Testing (FAT).

Owner: Stanton Brunner

Description: ADS-B Enhancements - Start security enhancements Factory Acceptance Testing (FAT).

Due Date: 09/30/23

23Ez.34B3 - Internal Target: ADS-B Enhancements - Achieve FAA Service Volume (SV) design approval for the first Alaska expansion SV.

Owner: Stanton Brunner

Description: ADS-B Enhancements - Achieve FAA Service Volume (SV) design approval for the first Alaska expansion SV.

Due Date: 09/30/23

23Ez.35 - Internal Initiative: Surveillance Acquisition and Sustainment (SAS) (AJM-41)

Owner: Amy Gusky

Description: The Surveillance Acquisition and Sustainment (SAS) Group will provide programmatic excellence in the acquisition, deployment and sustainment of radar surveillance systems to support safe and efficient air traffic management by the FAA and DoD. In addition, AJM-41 will sustain radar surveillance services by implementing safety, security and technological enhancements to bridge critical system capabilities until replaced or divested; and acquire cooperative radar systems, non-cooperative radar systems and other specialty solutions to sustain radar surveillance capabilities beyond 2035.

23Ez.35A - Internal Activity: ASR-9 Sustainment 3, S03.01-12

Owner: Kim Hare

Description: The ASR-9 Sustainment 3 program replaces or upgrades obsolete ASR-9 hardware and software to ensure the continued operation of the radar system. This is an ongoing program that is accomplished in phases to address obsolescence and supportability issues. The Sustainment 3 program will sustain the service life of all 135 ASR-9 systems; 121 operational sites, seven (7) Department of Defense (DoD) sites, and seven (7) support systems. The ASR-9 system is a non-cooperative (primary) surveillance radar that provides aircraft position and weather information to automation systems for air traffic controllers in terminal airspace. The ASR-9 system supports aircraft separation standards, air traffic operational efficiency, and improves safety at congested airports. The ASR-9 also provides data under Memorandum of Agreements with the DoD and Homeland Security, through the Defense Radar Program, and to the Department of Treasury and National Weather Service through separate agreements. The DoD uses ASR-9 surveillance data to monitor and detect non-transponder equipped intruders in terminal airspace. The system was procured in the mid-1980s, fielded between 1989 and 1994, and has significantly exceeded the expected 20-year lifecycle. Future ASR-9 sustainment efforts are dependent upon ongoing supportability assessments to ensure ASR-9s remain operational through their designated lifecycle. The Final Investment Decision (FID) for ASR-9 Sustainment 3 was approved on March 28, 2018. Implementation is planned to begin in CY 2023 and continue through mid CY 2026.

23Ez.35A1 - Internal Target: Airport Surveillance Radar Model-9 (ASR-9) Sustainment 3 - MPA Final System Support Modification Release.

Owner: Shaun Mach

Description: Airport Surveillance Radar Model-9 (ASR-9) Sustainment 3 - MPA Final System Support Modification Release.

Core Coordinated: Agreed

Due Date: 09/30/23

23Ez.35B - Internal Activity: Solution Implementation for ASR-11 Sustainment 3, S03.02-07

Owner: Kim Hare

Description: The Airport Surveillance Radar Model 11 (ASR-11) Sustainment 3 program will address parts obsolescence, maintenance issues, and current National Air Space (NAS) requirements to ensure continued reliable and cost effective operation of all ASR-11 configurations through their designated lifecycles.

23Ez.35B1 - Internal Target: Airport Surveillance Radar Model 11 (ASR-11) Sustainment 3 - FAA approval of the Inter-Agency Agreement (IAA).

Owner: Kim Hare

Description: Airport Surveillance Radar Model 11 (ASR-11) Sustainment 3 - FAA approval of the Inter-Agency Agreement (IAA).

Due Date: 09/30/23

23Ez.35C - Internal Activity: Airport Surveillance Radar - Replacement (ASR-R), S03.06-01

Owner: Bashar Halabi

Description: Ground based Non-cooperative (primary) surveillance systems determine an aircraft's position independently, without the use of on-board avionics. There are two types of non-cooperative surveillance systems in the National Airspace System (NAS); Long Range (NAS Defense) and Terminal. The Long Range systems include the Air Route Surveillance Radar (ARSR-4) and the Common Air Route Surveillance Radar (CARSR). Terminal Surveillance Radars include the Airport Surveillance Radar (ASR) – 8, ASR-9 and ASR-11. Non-cooperative surveillance is needed for surveillance of non-equipped aircraft (aircraft without transponders and/or Automatic Dependent Surveillance-Broadcast (ADS-B)), aircraft with failed avionics, and determination of weather.

Currently there are 368 non-cooperative surveillance systems in the NAS (245 Terminal and 123 Long Range). Thirty-two terminal systems are expected to be divested by 2025. The ASR-R program will analyze and acquire the long-term solution to meet the FAA's terminal non-cooperative surveillance requirements.

The ASR-R program will evaluate:
• Continued sustainment through Lowest Replicable Unit (LRU) replacement
• Incorporating new functionality/efficiencies

The ASR-R program is in the planning and investment analysis phase. Investment Analysis Readiness Decision (IARD) is planned for 3rd quarter FY 2024, Initial Investment Decision (IID) planned for 1st quarter FY 2026, and the Final Investment Decision (FID) is planned for 1st quarter FY 2028.

23Ez.35C1 - Internal Target: Airspace Non-cooperative Surveillance Radar (ANSR) - Complete Preliminary Program Requirements Doc (pPRD).

Owner: Bashar Halabi

Description: Airspace Non-cooperative Surveillance Radar (ANSR) - Complete Preliminary Program Requirements Doc (pPRD).

Due Date: 07/31/23

23Ez.35D - Internal Activity: Terminal & En Route Surveillance Technology Refresh Portfolio (TES TRP)

Owner: Kim Hare

Description: The Terminal and En Route Surveillance (TES) Technology Refresh Portfolio (TRP) is planning for an Investment Analysis Readiness Decision (IARD) in November 2021. The TES TRP will provide required sustainment and maintenance for the following cooperative and non-cooperative surveillance systems to continue their operational use until 2035:
• Cooperative – ATCBI-5, ATCBI-6, Mode-S, MSSR (ASR-11)
• Non-Cooperative – ASR-8, ASR-9, ASR-11

23Ez.35D1 - Internal Target: ASR-9 Sustainment 4 TES TRP: Directional Couplers Refresh – Approve revalidated legacy Directional Coupler program requirements.

Owner: Kim Hare

Description: ASR-9 Sustainment 4 TES TRP: Directional Couplers Refresh – Approve revalidated legacy Directional Coupler program requirements.

Due Date: 03/31/23

23Ez.35D2 - Internal Target: ASR-8 Sustain 1 TES TRP: Complete testing of user interface for pulse repetition frequency for the ASR-8 Sustainment Processor and Sensitivity Time Control Project.

Owner: Kim Hare

Description: ASR-8 Sustain 1 TES TRP: Complete testing of user interface for pulse repetition frequency for the ASR-8 Sustainment Processor and Sensitivity Time Control Project.

Due Date: 06/30/23

23Ez.35E - Internal Activity: NAVAIDS Monitoring Equipment (NME), M08.41-02

Owner: George Billos

Description: The Navaids Monitoring Equipment (NME) program will replace or upgrade legacy air traffic control and monitoring systems operating in the NAS. Two legacy systems are used in the NAS, ICMS and FA-30000 (Universal Interlock Controller). These systems, which are typically located in the tower and equipment room, are used by air traffic control specialists (ATCS) and airway transportation system specialists (ATSS) for controlling and monitoring a predefined set of Navaids such as instrument landing systems (ILS), Airport Lighting Systems, runway visual range (RVR) equipment, runway end identifier lights (REIL), precision approach path indicator (PAPI) light arrays, and other Navaids located at an airport. The program will establish a common requirements baseline and provide a streamlined software, training and logistics support across all systems to approximately 32 airports. An Investment Analysis Readiness Decision (IARD) was approved in December 2016; and an Initial Investment Decision (IID) approved on September 18, 2019. The Final Investment Decision (FID) was approved in December 2020.

23Ez.35E1 - Internal Target: Navaids Monitoring Equipment (NME) - Complete Ground Based Augmentation System (GBAS) and Lead-In Lights (LDIN) interfaces.

Owner: Sylvester Ivory

Description: Navaids Monitoring Equipment (NME) - Complete Ground Based Augmentation System (GBAS) and Lead-In Lights (LDIN) interfaces.

Core Coordinated: Agreed

Due Date: 02/28/23

23Ez.35E2 - Internal Target: Navaids Monitoring Equipment (NME) - Complete a total of fifteen (15) NME site surveys.

Owner: George Billos

Description: Navaids Monitoring Equipment (NME) - Complete a total of fifteen (15) NME site surveys.

Due Date: 06/30/23

23Ez.35F - Internal Activity: Mode Select (Mode S) Beacon Replacement System (MSBRS) Phase 1A, S03.01-15

Owner: George Billos

Description: The FAA initiated the MSBRS effort to provide a modern Cooperative Surveillance Radar (CSR) capability with the intent to replace the legacy Mode Select Beacon Sensor System (Mode S) operating in the NAS.
In 1994, the FAA deployed the first fully operational Mode S system. There are 137 operational legacy Mode S sites and 11 support systems in the NAS supporting ATC in the Terminal and En Route domains.
Due to sustainability and parts obsolescence issues with the legacy Mode S systems, the MSBRS provided an alternative sustainment approach to replace, rather than refurbish, the legacy Mode S and other CSR systems. The MSBRS has an updated design that meets current cooperative radar requirements in the NAS Requirements Document. The modern design will reduce frequency congestion in the 1030/1090 MHz band, incorporate modern surveillance interfaces, and comply with cyber security requirements to support FAA NextGen functionality. These modifications are necessary to ensure the supportability and sustainment of the CSR capability. The MSBRS will be installed in existing radar facilities and retain the legacy CSR antenna, encoder, and rotary joint. The FAA will disposition the legacy CSR equipment after commissioning the new MSBRS equipment.
The MSBRS Program has three segments: Phase 1A, Phase 1B, and Phase 2. The JRC approved Phase 1A FID on November 20, 2019, with a contract award in December 2019 to Leidos, who has partnered with the Thales Group. Phase 1A will complete the design, development, and test with authorization for limited system production and includes the In-Service Decision (ISD). The system procurements encompass the acquisition of nine systems, with key-site testing taking place at three operational sites in the NAS in FY23. Phase 1B will procure and deploy a projected 41 MSBRS systems to replace CSRs at legacy Mode S, ATCBI-5, and ATCBI-6M Beacon Only sites. Phase 2 is reserved for additional production systems to replace remaining legacy CSRs.

23Ez.35F1 - Internal Target: Mode S Beacon Replacement System (MSBRS) Phase 1A - Complete Site Preparation Activities at a total of two (2) Key Sites.

Owner: George Billos

Description: Mode S Beacon Replacement System (MSBRS) Phase 1A - Complete Site Preparation Activities at a total of two (2) Key Sites.

Due Date: 06/30/23

23Ez.35F2 - Internal Target: Mode S Beacon Replacement System (MSBRS) Phase 1A - Develop baseline waterfall for Phase 1B.

Owner: George Billos

Description: Mode S Beacon Replacement System (MSBRS) Phase 1A - Develop baseline waterfall for Phase 1B.

Due Date: 06/30/23

23Ez.37 - Internal Initiative: En Route Automation Modernization (ERAM) Sustainment 3

Owner: Jere Hayslett

Description: ERAM provides automation services for the En Route domain at the 20 Continental United States (CONUS) Air Route Traffic Control Centers (ARTCCs). National support and test capabilities for ERAM reside at the William J. Hughes Technical Center (WJHTC). The FAA Academy provides training services for Technical Operations and Air Traffic personnel. Equipment that constitute the ERAM computing platform must be periodically refreshed to sustain critical National Airspace System (NAS) operations. Much of the original ERAM system hardware and equipment has been in service since 2006-2008 and is now obsolete. The ERAM Sustainment 2 (ES2) program (2016-2022) is a multi-year effort addressing high priority ERAM sustainment issues. The ERAM Sustainment 3 (ES3) Program (2019-2026) is the third major technology refreshment investment of the ERAM system.

23Ez.37A - Internal Activity: En Route Automation Modernization (ERAM) Enhancements 2, G01A.01-08

Owner: Kim Coplen

Description: The ERAM Enhancements 2 (EE2) program provides software enhancements for the en route sector controller team. This multi-year effort improves efficiency and effectiveness of en route sector operations through enhanced trajectory management and improved collaboration between Radar Position (R-Side) and Radar Associate Position (D-Side) controllers. It involves upgrades to flight data management and system support functions. Current automation capabilities are limited in providing the requisite accuracy, consistency, and usability needed during high demand scenarios which can result less efficient use of airspace. The EE2 will develop and implement improvements to en route automation and procedures, building upon existing ERAM capabilities and leveraging previous NextGen pre-implementation activities. Final Investment Decision (FID) was achieved in December 2016. Prime contractor system engineering, software development, and implementation activities are ongoing and per original baseline, were planned to complete in FY 2023; however due to funding adjustments early in the program, a baseline change decision (BCD) occurred in December 2018 with revised program milestones, and the program will now be completed in CY2024. The specific enhancements are listed below and will be deployed as a series of scheduled ERAM releases throughout the program lifecycle. Conflict Probe Enhancements - Improve representation of adherence bounds used to determine the need for computing a new aircraft trajectory, minimize false alerts; International Common Harmonization - Expand the automated coordination of flight data and aircraft control with the Canadian Air Navigation Service Provider (NavCanada); ERAM Adaptation Refinements - Improve the ability of the Air Route Traffic Control Center (ARTCC) support personnel.

23Ez.37A1 - Internal Target: En Route Automation Modernization (ERAM) Enhancements 2 - Complete Verification for ERAM Vertical Modeling Enhancements.

Owner: Kim Coplen

Description: En Route Automation Modernization (ERAM) Enhancements 2 - Complete Verification for ERAM Vertical Modeling Enhancements.

Due Date: 03/31/23

23Ez.37B - Internal Activity: En Route Automation Modernization (ERAM) Sustainment 3, G01A.01-11

Owner: Kim Coplen

Description: The ERAM Sustainment 3 (ES3) Program is the third major technology refreshment investment of the ERAM system. The ERAM Sustainment 3 (ES3) program addresses shortfalls stemming from end-of-service life conditions for several key hardware and software components not covered by the System Enhancement and Technology Refresh (SE&TR) or the ERAM Sustainment 2 (ES2) programs. The mission-critical equipment for En Route air traffic management at the ARTCCs is beyond the operational support life cycle or is at end-of-life status and must be refreshed. Much of the original ERAM system hardware and equipment has been in service since 2006-2008 and is now obsolete. At a high level, shortfalls addressed by this next sustainment program includes both component obsolescence and failures as well as processor capacity limitations shortfalls. The targeted scope of this program includes the ARTCC Operations Backroom, Test and Training Lab (TTL), and Support network, WJHTC support maintenance/production facility and Test Labs, and FAA Academy Labs. Specifically, affected hardware include ERAM Enterprise Storage sub-systems, Application LANs, Servers (processors), Workstations and support side Commercial Off The Shelf (COTS) Applications. The execution of the program is planned from FY 2020 1st quarter through 2026 4th quarter.

23Ez.37B1 - Internal Target: En Route Automation Modernization (ERAM) Sustainment 3 - Achieve In-Service Decision for ES3 Phase 1 Enterprise Storage Subsystem (ESS) transition.

Owner: Kim Coplen

Description: En Route Automation Modernization (ERAM) Sustainment 3 - Achieve In-Service Decision for ES3 Phase 1 Enterprise Storage Subsystem (ESS) transition.

Due Date: 06/30/23

23Ez.37B2 - Internal Target: En Route Automation Modernization (ERAM) Sustainment 3 - Site Exit Brief for Keysite(s) - ERAM Software Release with ES3 Support Servers, Operational Server Migration, and Operational Training Subsystem.

Owner: Kim Coplen

Description: En Route Automation Modernization (ERAM) Sustainment 3 - Site Exit Brief for Keysite(s) - ERAM Software Release with ES3 Support Servers, Operational Server Migration, and Operational Training Subsystem.

Due Date: 09/30/23

23Ez.37B3 - Internal Target: En Route Automation Modernization (ERAM) Sustainment 3 - Complete EAF-200 Operational Evaluation.

Owner: Kim Coplen

Description: En Route Automation Modernization (ERAM) Sustainment 3 - Complete EAF-200 Operational Evaluation.

Due Date: 06/30/23

23Ez.39 - Internal Initiative: Enterprise Information Display System (E-IDS)

Owner: Jere Hayslett

Description: The Enterprise Information Display System (E-IDS) will provide an enterprise-level platform that replaces multiple types of Information Display Systems (IDS) in the En Route, Terminal, Traffic Flow and Offshore domains with standard functionality and common hardware/software in a virtualized environment. IDSs are separate from primary displays, and their purpose is to provide Air Traffic Controllers, Front Line Managers, and Traffic Management Coordinators with supplemental but operationally essential information for controlling aircraft. IDSs were introduced in the terminal domain in the 1990's and rely on obsolete technology and interfaces with facility-centric, inefficient data organization, and manual update methods. Access to information through trusted sources varies from facility to facility depending upon the type of IDS model and whether the facility has a direct interface to source data. The Terminal environment includes three distinct systems, each with a different hardware/software configuration: IDS-4, Automated Surface Observing System Controller Equipment-IDS and NAS Information Display System. En Route includes a system called En Route Information Display System that provides non-tactical information to FAA personnel in Air Route Traffic Control Centers (ARTCC). Traffic Flow domain is present in both Terminal and En Route environments consisting of large monitors that display real-time, high-level traffic and Traffic Flow Management information. The Alaska ARTCC has developed its own IDS, the ATC Automated Information Display. In some cases, vendor-supplied information may be the only source available. These limitations make it cumbersome for users to search, retrieve, and display information. It adds additional workload to both controllers who use the systems and data managers who maintain the systems. Multiple types of information retrieval and display systems create inefficient maintenance activities necessary to sustain all system variations.

23Ez.39A - Internal Activity: Enterprise Information Display System (E-IDS) Phase 1, A03.06-01

Owner: Doug Balint

Description: Enterprise Information Display System (E-IDS).

23Ez.39A1 - Internal Target: Enterprise Information Display System (E-IDS) Phase 1 - Complete Test Lab Deployment at William J. Hughes Technical Center (WJHTC).

Owner: Doug Balint

Description: Enterprise Information Display System (E-IDS) Phase 1 - Complete Test Lab Deployment at William J. Hughes Technical Center (WJHTC).

Due Date: 06/30/23

23Ez.41 - Internal Initiative: Surface Surveillance Portfolio Sustain 1 (SSPS)

Owner: Amy Gusky

Description: The Surface Surveillance Portfolio Sustain 1 program has developed a portfolio implementation strategy for the technology refresh of Airport Surface Detection Equipment – Model X (ASDE-X), Airport Surface Surveillance Capability (ASSC), and Runway Status Lights (RWSL) systems and subsystems. The Portfolio consists of two programs – ASDE Sustainment and RWSL Sustainment. The portfolio has 36 projects that address aging systems and sensors obsolescence issues, security compliance, depleting spare parts inventory levels, and necessary technological updates. The ASDE Sustainment Program covers 44 airports and 6 support systems. The RWSL Sustainment Program covers 20 airports and 2 support systems

23Ez.41A - Internal Activity: Runway Status Lights (RWSL) Sustainment, S11.01-04

Owner: William Kaplan

Description: The Runway Status Lights (RWSL) Sustainment program will address maintainability and obsolescence issues associated with RWSL. RWSL is a system that provides situational awareness of runway occupancy without interfering with normal airport operations. RWSL systems reduce the number of runway incursions by indicating to pilots and vehicle operations that the aircraft or vehicle would be in conflict with another aircraft or vehicle if it crossed the hold line or began its takeoff. The system integrates runway lighting equipment with ASDE-X and ASSC surface surveillance systems to provide a visual signal to pilots and vehicle operators indicating when it is unsafe to enter, cross, or takeoff from a runway. RWSL systems are currently operational at 20 airports.

23Ez.41A1 - Internal Target: Runway Status Lights (RWSL) Field Lighting System (FLS) Master Light Controller (MLC) and Individual Light Controller (ILC) Replacement Testing Complete.

Owner: William Kaplan

Description: Runway Status Lights (RWSL) Field Lighting System (FLS) Master Light Controller (MLC) and Individual Light Controller (ILC) Replacement Testing Complete.

Due Date: 04/30/23

23Ez.41B - Internal Activity: Airport Surface Detection Equipment (ASDE) Sustainment, S01.05-02

Owner: William Kaplan

Description: The ASDE Sustainment program will address maintainability and obsolescence issues associated with ASDE-X and ASSC systems. The existing ASDE-X systems at 35 airports and ASSC systems at 8 airports [1] are surface surveillance systems that use radar, multilateration, and Automatic Dependent Surveillance-Broadcast (ADS-B) to track aircraft and vehicles. By improving situational awareness, these systems help air traffic controllers prevent collisions and reduce runway incursions.

23Ez.41B1 - Internal Target: Airport Surface Detection Equipment (ASDE) Sustainment - Submit Safety Risk Management (SRM) Document for MLAT Divestiture to AJI for review and signature.

Owner: William Kaplan

Description: Airport Surface Detection Equipment (ASDE) Sustainment - Submit Safety Risk Management (SRM) Document for MLAT Divestiture to AJI for review and signature.

Due Date: 02/28/23

23Ez.41B2 - Internal Target: Airport Surface Detection Equipment (ASDE) Sustainment - MLAT Divestiture: Readiness Decision (Go/No-go).

Owner: Kelsey Sydney

Description: Airport Surface Detection Equipment (ASDE) Sustainment - MLAT Divestiture: Readiness Decision (Go/No-go).

Core Coordinated: Agreed

Due Date: 04/30/23

23Ez.41B3 - Internal Target: Airport Surface Detection Equipment (ASDE) Sustainment - Replace Surface Movement Radar – Raytheon (SMRr) with Surface Movement Radar – Improved (SMRi) at 1 site.

Owner: Jeff Lohr

Description: Airport Surface Detection Equipment (ASDE) Sustainment - Replace Surface Movement Radar – Raytheon (SMRr) with Surface Movement Radar – Improved (SMRi) at 1 site.

Core Coordinated: Agreed

Due Date: 07/31/23

23Ez.43 - Internal Initiative: Space Data Integrator (SDI)

Owner: Jere Hayslett

Description: The FAA will be deploying an interim operational capability, known as the Minimal Viable Product (MVP) as an operational evaluation under Commercial Space Integration Into The NAS - Space Data Integrator (SDI) program, M55.01-02. The MVP will leverage the existing PoC to validate and refine requirements, while allowing Joint Space Operations Group (JSPOG) to use and act on the data. The SDI program will provide initial capabilities that will receive and distribute launch and reentry data and make it available for NAS automation consumption to allow for improved situational awareness and improved airspace management decision making.

23Ez.43A - Internal Activity: Space Data Integrator (SDI), M55.01-02

Owner: Crystal Toney

Description: Space Data Integrator

23Ez.43A1 - Internal Target: Complete software development of the Space Data Integrator (SDI) MVP release 2.0 (multiple concurrent missions capability).

Owner: Crystal Toney

Description: Complete software development of the Space Data Integrator (SDI) MVP release 2.0 (multiple concurrent missions capability).

Due Date: 03/31/23

23Ez.46 - Internal Initiative: NAS Voice Recorder (NVR)

Owner: Malcolm Andrews

Description: The NAS Voice Recorder (NVR) program will replace the aging digital voice recorders with a Commercial Off The Shelf (COTS) product that will resolve end-of-life supportability issues as well as provide improved digital voice recording functionality to meet new validated safety and audit requirements.

23Ez.46A - Internal Activity: NAS Voice Recorder (NVR)

Owner: David Gray

Description: The NAS Voice Recorder (NVR) program will replace the aging digital voice recorders with a Commercial Off The Shelf (COTS) product that will resolve end-of-life supportability issues as well as provide improved digital voice recording functionality to meet new validated safety and audit requirements.

23Ez.46A3 - Internal Target: NAS Voice Recorder (NVR)

Owner: Clarissa Riffe

Description: Achieve Initial Operational Capability (IOC) for 119 NAS Voice Recorder (NVR) Sites

Due Date: 09/30/23

23Ez.47 - Internal Initiative: Enterprise Engineering and Infrastructure Services
Owner: Charles Burand
Description: Develop Architecture Review Boards packages.

23Ez.47A - Internal Activity: Enterprise Engineering and Infrastructure Services
Owner: Charles Burand
Description: Develop Architecture Review Boards packages.

23Ez.47A1 - Internal Target: Enterprise Engineering & Infrastructure Services - Enterprise Solutions & Engineering
Owner: Charles Burand
Description: Communications, Information, and Network Programs (CINP) will complete twelve (12) Enterprise Infrastructure Solutions (EIS) Assessments that are a part of the JRC process

Due Date: 09/30/23

23Ez.48 - Internal Initiative: FTI Sustainment
Owner: Malcolm Andrews
Description: FTI Sustainment

23Ez.48A - Internal Activity: FTI Sustainment
Owner: Joshua Gustin
Description: FTI Sustainment

23Ez.48A1 - Internal Target: Enterprise Engineering & Infrastructure Services
Owner: Charles Burand
Description: Initiate Order for Security replacement components in FY23

Due Date: 04/30/23

23Ez.50 - Internal Initiative: New York TRACON (N90) Training Implementation
Owner: Rolando Caparas
Description: Implement training at New York TRACON (N90).

23Ez.50A - Internal Activity: Training Programs at N90
Owner: Rolando Caparas
Description: Collaborate with AJI and PMO to implement training programs at N90.

23Ez.50A1 - Internal Target: Develop curriculum
Owner: Rolando Caparas
Description: Conduct Technical Training of personnel to build, teach and continuously update New York TRACON's training materials.

Due Date: 09/30/23

23Ez.50A2 - Internal Target: Monitor and Improve
Owner: Rolando Caparas
Description: Continuously monitor the training program, starting with Academy training, and gather feedback that will help derive necessary adjustments to meet the Agency goals.

Due Date: 09/30/23

23Ez.51 - Internal Initiative: NextGen

Owner: Westley Wright

Description: Support National Airspace System (NAS) modernization and evolution through infrastructure improvements, technology, information sharing, and community engagement.

23Ez.51A - Internal Activity: Temporary Flight Rules (TFR) Design Check

Owner: Westley Wright

Description: Conduct initial effort to develop a proof of concept (PoC) for a service that validates custom TFRs, including drones programmed to fight wildfires.

23Ez.51A1 - Internal Target: Temporary Flight Rules (TRF) Design Check Initial Approach and Methodology Documentation

Owner: Andras Kovacs

Description: Document all activities to determine the current TFR environment and potential changes to support custom TFRs. This will include identification of data sources used and steps to be taken in terms of consuming that data to determine development of both custom TFRs and the related service. This will also include current processes, shaping, timing for TFRs, and all related information. Types of proposed effort will be included, as well as preliminary considerations and anticipated challenges for the service development.

Due Date: 06/30/23

23Ez.51A2 - Internal Target: Temporary Flight Rule (TFR) Shaping Report

Owner: Andras Kovacs

Description: Report outlining the most favorable shapes to use for TFRs in unique situations. It will detail all analysis done to determine this shaping and explain the reasoning behind the shapes chosen for a custom TFR. The report will also indicate how custom TFRs meet the framework set by the current TFR Business Rule Engine. This report will delve into the most effective corridors to connect TFRs and all analysis to determine this, as well. The shaping report will serve to inform the development of the upcoming analyses, proof of concept, validation service, and future work needed. Ultimately, this report will define the structure and function of custom TFRs, informing future milestones in this PLA, which will execute the development of the service and related exercises.

Due Date: 08/31/23

23Ez.51A3 - Internal Target: Temporary Flight Rule (TFR) Design Check Proof of Concept 1 Documentation

Owner: Andras Kovacs

Description: This will document the work following the completion of the TFR Shaping Report. It will document all steps taken to develop a prototype of the creation of a custom TFR and its validation

Due Date: 07/31/23

23Ez.51B - Internal Activity: Established on Required Navigation Performance

Owner: Westley Wright

Description: Established on Required Navigation Performance (EoR) utilizes the accuracy of Required Navigation Performance (RNP) instrument approach procedures (IAPs) to call aircraft established earlier in the final approach. In FY23, the project will continue to collect data on facilities recently implementing EoR, developing a strategy for upcoming safety analyses, and gather information on Simultaneous Dependent Operations candidate facilities that could potentially utilize EoR.

23Ez.51B1 - Internal Target: Complete Pure Duals Concept Validation Data Analysis

Owner: Natee Wongsangpaiboon

Description: To complete concept validation related data collection activities at LAX, the pure EoR Duals Launch Site and will include metrics such as EoR / RNP utilization and track miles savings compared to conventional procedures

Due Date: 07/30/23

23Ez.51B2 - Internal Target: Develop EoR Quads Concept White Paper

Owner: Natee Wongsangpaiboon

Description: Preparing a report for a potential future EoR quadruple (quads) runways operations concept

Due Date: 09/30/23

23Ez.51C - Internal Activity: Post-departure Coordination and Airborne Negotiation (PCAN)

Owner: Westley Wright

Description: PCAN continues to mature the International Civil Aviation Organization (ICAO) Flight and Flow Information for Collaborative Environment Release 2 (FF-ICE/R2) concept. PCAN will build upon the outcomes and lessons learned of previous projects including Release 1 (FF-ICE/R1) Demonstration (i.e., International Interoperability Harmonization and Validation - IIH&V), FF-ICE/R2 Demonstration (i.e., FF-ICE/X Demo 1 and 2), and 4DT Live Flight Demonstrations (4DT LFDs) and develop outcome that will inform ICAO FF-ICE Implementation Guidance. To support and help verify the engineering analysis, the project will include guided discussion and tabletop exercises with operational SMEs, technical SME, and potentially international partners.

23Ez.51C1 - Internal Target: PCAN FF-ICE/R2 Concept

Owner: Benjamin Marple

Description: Develop an engineering report to capture gaps between FF-ICE/R2 concepts, which have been matured through PCAN project in FY22, and the ICAO FF-ICE Implementation Guidance and summarize the methodology and activity to bridge the gap. This activity will set us up for having the right input to provide to the ICAO ATM Requirement and Performance Panel (ATMRPP) towards the discussion with other member states and towards maturing FF-ICE Implementation Guidance

Due Date: 09/30/23

23Ez.51C3 - Internal Target: FF-ICE/R2 concepts

Owner: Benjamin Marple

Description: Develop an engineering report to capture gaps between FF-ICE/R2 concepts, which have been matured through PCAN project in FY22, and the ICAO FF-ICE Implementation Guidance and summarize the methodology and activity to bridge the gap. This activity will set us up for having the right input to provide to the ICAO ATM Requirement and Performance Panel (ATMRPP) towards the discussion with other member states and towards maturing FF-ICE Implementation Guidance

Due Date: 09/30/23

23Ez.51D - Internal Activity: Multiple Airport Route Separation

Owner: Westley Wright

Description: Multiple Airport Route Separation (MARS) leverages is the Established on Required Navigation Performance (EoR) concept of considering aircraft established on a Performance Based Navigation (PBN) procedure and extends it to flows of traffic to and from multiple airports in close proximity. During this Fiscal Year, the project will work on a preliminary Benefits Analysis, the MARS Phase I safety analysis, and begin to develop a MARS Concept Video.

23Ez.51D1 - Internal Target: Complete MARS Phase 1 HITL DCE

Owner: Natee Wongsangpaiboon

Description: As part of the MARS safety analysis effort, a Human in the Loop Data Collection Effort (HITL DCE) will be needed. HITL Subject Matter Experts (SMEs) will participate in the HITL DCE

Due Date: 04/30/23

23Ez.51D2 - Internal Target: Complete Phase 1 Preliminary Launch Site Assessment Report

Owner: Westley Wright

Description: After Phase 1 draft safety analysis criteria is known, the next steps are to begin the process to select launch site(s). Launch site criteria and candidate sites will be identified. A “MARS Phase 1 Launch Site Assessment Report” will be compiled with findings and recommendation(s).

Due Date: 07/30/23

23Ez.51E - Internal Activity: Separation Automation System Engineering

Owner: Westley Wright

Description: Separation Automation System Engineering (SASE) is a pre-implementation program that matures emerging NextGen Separation Management capabilities and develops automation enhancements for En Route, Terminal, and Oceanic domains to support NextGen. Separation Services Engineering (SSE) is a sub project within SASE and focuses on the emerging 2035 Vision.

23Ez.51E1 - Internal Target: Conflict Probe Service Analysis Report.

Owner: Nabil Sandhu

Description: This report will document results, analysis, and recommendations from the Conflict Probe (CP) prototyping task. The assessment includes capabilities, technical opportunities, alternatives, and functional requirements to support future CP functions that may eventually lead towards an agile, performance based, common CP Service that supports both Oceanic and En Route domains. The report emphasis will also include a consideration of key changes to allow both legacy and future systems to use these services.

Due Date: 03/31/23

23Ez.51E2 - Internal Target: Surveillance Data Processing Service Prototype Report

Owner: Nabil Sandhu

Description: This report will document results, analysis, and recommendations from the Surveillance Data Processing (SDP) service prototyping task. The assessment includes capabilities, technical opportunities, alternatives, and functional requirements to support future SDP functions. The report emphasis will include consideration of common mission services to support all NAS surveillance data processing needs, and key changes to allow legacy and future systems to use these services.

Due Date: 04/30/23

23Ez.51F - Internal Activity: Flow Object

Owner: Westley Wright

Description: Today's NAS has many exchanges of flow information, but there is no common reference for how that information is shared. Without a common picture of the flow domain, it will be difficult to modernize components of the National Airspace System (NAS) or to enable future technologies and information exchanges. A "Flow Object" concept developed in this project will represent a common reference for Flow information

23Ez.51F1 - Internal Target: Complete Initial Flow Object Concept of Use Document detailing the Flow Object Concept

Owner: Benjamin Marple

Description: The Flow Object concept is in its early stages of development. The concept document will detail information about the concept including actors, use cases, functions, and services contained within the concept.

Due Date: 04/30/23

23Ez.51F2 - Internal Target: Complete Flow Object Proof of Concept Demo Plan to document plans and considerations for proof of concept activities

Owner: Benjamin Marple

Description: The Flow Object concept will be proven out as part of proof of concept activities. The demo plan will lay out the framework for the development of the proof of concepts, including which stages will be conducted in the upcoming schedule of activities

Due Date: 03/31/23

23Ez.51F3 - Internal Target: Complete Flow Object Proof of Concept Infrastructure Readiness Document detailing proof of concept cloud environment

Owner: Benjamin Marple

Description: The first proof of concept will be focused on proving out the architecture and information flows

Due Date: 04/30/23

23Ez.51G - Internal Activity: Flight Object

Owner: Westley Wright

Description: This program further mature the Flight Object concept, which provide a common reference to flight information in the National Airspace System (NAS). This program also develop a collection of services and verify their capabilities through proof of concept activity. These services can be implemented in the future flight information management system to enable future flight plan filing, flight planning, and collaborative sharing of flight information.

23Ez.51G1 - Internal Target: Flight Object and ETM Flight Plan Filing

Owner: Benjamin Marple

Description: Provide input into the Upper Class E Traffic Management (ETM) User Community Engagement and the development of ETM Flight Plan Filing Concept of Use. This includes providing functional requirements for flight plan filing (from system implementation perspective), type of information exchange that might need to be added for ETM, interaction between ETM-user and NAS flight plan filing system, and expected area (s) to change in order to accommodate ETM vehicles and operation.

Due Date: 07/30/23

23Ez.51G2 - Internal Target: Flight Object Data Reconciliation

Owner: Benjamin Marple

Description: Develop engineering report that summarizes the research, results, and lessons learned of the Flight Object Data Store reconciliation function. The analysis will include understanding the required data primarily for FMDS system, associated data sources, performance requirement (for each data), and the required business rules for managing the exchange of data

Due Date: 04/30/23

23Ez.51G3 - Internal Target: Proof of Concept 4

Owner: Benjamin Marple

Description: Complete the development of Flight Object Proof of Concept #4 capabilities. The planned capabilities to be prototyped include capability to extract, store, manage, and route flight information that support Traffic Flow Management planning (e.g. Early Intent and Trajectory Option Set information) and capability to support high altitude long endurance flight (HALE) in filing flight plan under the constraint of ERAM system

Due Date: 09/30/23

23Ez.51J - Internal Activity: Closely Space Parallel Operations

Owner: Westley Wright

Description: CSPO explores concepts to increase airport capacity through reduced separation standards, expand applications of dependent and independent operations, and enable operations in lower visibility conditions. FY23 will focus on conducting safety and engineering analysis as well as concept validation activities for various CSPO separation reduction concepts

23Ez.51J1 - Internal Target: White Paper Detailing Readiness Analysis for Reductions in Minimum Radar Separation Document Change Proposal process.

Owner: Natee Wongsangpaiboon

Description: The Closely Spaced Parallel Operations (CSPO) program will review and provide analysis with stakeholders associated with the Reductions in Minimum Radar Separation concept. This analysis will provide the CSPO team an opportunity to review the preliminary results of the safety analysis conducted on this concept and gather feedback on next steps and concerns for the project.

Due Date: 09/30/23

23Ez.51J2 - Internal Target: Develop Traffic Collision Avoidance System (TCAS) Models for Closely Spaced Parallel Runway Operations (CSPO) Concepts

Owner: Westley Wright

Description: The CSPO team will perform a TCAS analysis for various CSPO concepts. This analysis will be conducted at a generic site generated by the CSPO team and identify any alerts that might occur during CSPO operations. Results from the analysis will be used to support future Safety Risk Management Panels for CSPO concepts.

Due Date: 08/30/23

23Ez.51K - Internal Activity: Common Support Services Flight Data (CSS-FD) Engineering Analysis

Owner: Westley Wright

Description: The CSS-FD Engineering Analysis will identify and define candidate capabilities for CSS-FD Phase 2; additionally, artifacts and documentation submitted during CSS-FD IARD and Phase 1 IID will be reviewed to identify changes required as a result of Phase 2 scope, engineering analysis, and/or system design.

23Ez.51K1 - Internal Target: CSS-FD Phase 2 Scope Definition

Owner: Andras Kovacs

Description: Definition-CSS-FD Phase 2 Scope Definition would identify and define high-level functional capabilities for the implementation of future enhancements of CSS-FD, such as Phase 2. The capabilities will consider NextGen priorities, the exit criteria at various AMS checkpoints (such as at IARD, and IID), and implementation feasibility and opportunities. The capabilities and high-level functionality identified will have traceability to the shortfalls previously identified at IARD. The outcome of this activity will be captured in a scoping document that will identify the focus of the CSS-FD Phase 2 research.

Due Date: 05/31/23

23Ez.51K2 - Internal Target: Analysis document on the evolution of Trajectory Option Sets (TOS) and Trial Request

Owner: Andras Kovacs

Description: This target will evaluate and understand the concept of Trajectory Option Sets (TOS) to identify the operational limitations of TOS. Additionally, this deliverable will address the alignment of the TOS concept in the Collaborative Decision Making (CDM) environment to the concepts in Flight and Flow Information for Collaborative Exchange (FF-ICE), define future interactions between Trial Request, TOS, Early Intent, PFPL and identify any potential challenges envisioned.

Due Date: 03/31/23

23Ez.51L - Internal Activity: Weather Data Conversion Microservice

Owner: Westley Wright

Description: Weather Data Conversion Microservice (WDCM) is performing developing a prototype plan and following prototype of a microservice that converts IWXXM weather data products to TAC format to address the impending shortfall of this capability when ICAO updates the mandate to no longer require TAC data.

23Ez.51L1 - Internal Target: Draft Prototype Plan

Owner: Andras Kovacs

Description: The WDCM project will complete a draft prototype plan based on the previous microservice analysis for the IWXXM-to-TAC problem space. The prototype plan will detail the requirements of the prototype to trial the feasibility of a microservice for this data conversion and will be used by the ANG-C3 WISER lab as guidance for developing the microservices in the lab environment.

Due Date: 03/31/23

23Ez.51L2 - Internal Target: Complete Final prototype plan

Owner: Andras Kovacs

Description: The WDCM project will complete a final prototype plan based on the previous microservice analysis for the IWXXM-to-TAC problem space. The prototype plan will detail the requirements of the prototype to trial the feasibility of a microservice for this data conversion and will be used by the ANG-C3 WISER lab as guidance for developing the microservices in the lab environment.

Due Date: 05/31/23

23Ez.51L3 - Internal Target: Complete Final summary report

Owner: Andras Kovacs

Description: The Target will document the development and trial of a series of microservices converting weather data products in the IWXXM format to the TAC format. The detailed report will assess the effectiveness of the prototype and be used for further evaluation of microservices as a solution to this problem. The report will also be informative to future efforts looking to leverage microservice architectures for NAS modernization.

Due Date: 09/30/23

23Ez.51O - Internal Activity: Notice to Airmen Aircraft Category Information

Owner: Westley Wright

Description: Conduct additional analysis and develop strategies for additional updates to the NOTAM operating environment and apply modern techniques to support future capabilities

23Ez.51O1 - Internal Target: NOTAM Data Analytics Year 3 Initial Approach Documentation

Owner: Andras Kovacs

Description: Document all work completed for initial data analytics, experimentation process, and findings for year 3 of work. Document the results of initial NOTAM analysis for year 3, including indication of how the clustering and trend identification work, as well as the predictive input exercise completed in years 1 and 2 were leveraged. It will also detail strategy for any development work

Due Date: 09/30/23

23Ez.51O2 - Internal Target: Develop Update to the NextGen NOTAM Modernization Concept

Owner: Andras Kovacs

Description: Concept-Develop an additional update to the NextGen NOTAM Modernization Concept of Use originally developed in FY2020. This will include a review of the document, incorporation of stakeholder feedback, an analysis on system challenges faced by the current NOTAM system, and advances made to new operating platforms, as well as needed updates to use cases and the process used for updates.

Due Date: 06/30/23

23Ez.51O3 - Internal Target: TFR Assistant Proof of Concept 3 Report

Owner: Andras Kovacs

Description: Document the continued historical analysis performed on the TFR data to identify the common data elements needed to create a schema and the most common TFR types following year 1 of work. It will also include the development of a prototype to enter and process TFR requests against business rules. This final report will elucidate all work completed in the third exercise and identify potential avenues for future work.

Due Date: 08/31/23

23Ez.51P - Internal Activity: Crosscutting Operations Strategy and Technical Assessment (COSTA)

Owner: Westley Wright

Description: NextGen recognizes the need for a cross-cutting construct that will collect, analyze, identify gaps, and allocate the necessary research and engineering activities in an effort to address the holistic NAS needs, as the various operational environments are envisioned, defined and implemented. COSTA will collaborate with the different operational concept stakeholders to define the organizational foundation that harmonizes the envisioned traffic management concepts. This effort will develop an integrated master plan, evaluate common sub-concepts, conduct cross-cutting services analyses, assess performance requirements, and allocate the necessary systems engineering efforts across the various xTM, ATC, and PBFM activities as necessary.

23Ez.51P1 - Internal Target: Perform xTM Services Decomposition Analysis

Owner: Nabil Sandhu

Description: This decomposition document will provide an overview and decomposition of xTM services and interdependencies as appropriate, based on xTM components and attributes previously analyzed. As part of this deliverable, recommendations will be provided for enterprise services to support design of an xTM reference architecture.

Due Date: 08/31/23

23Ez.51P2 - Internal Target: Develop xTM Performance Assessment Use Cases

Owner: Westley Wright

Description: A series of use cases will be developed and documented to validate xTM services in a realistic operational context, including UAS collaborating with larger aircraft

Due Date: 07/31/23

23Ez.51Q - Internal Activity: Flow Information Exchange Model (FLXM)

Owner: Westley Wright

Description: The Flow Information Exchange Model (FLXM) is a new standard proposed by the FAA for Air Traffic Flow Management (ATFM) information exchange in support of the broader effort to implement enterprise-wide information exchange standards. The goal is to provide a standard for information in the Flow Domain, which has not previously had a standard of its own. The Flow Domain consists of information that describes a Traffic Management Initiative (TMI), or information that exists directly because of it.

23Ez.51Q1 - Internal Target: Complete Flow XM Data Use Engineering Analysis

Owner: Benjamin Marple

Description: FLXM will change the way flow information is exchanged. This data use engineering will help to plan out necessary requirements of the model and future enhancements.

Due Date: 02/28/23

23Ez.51Q2 - Internal Target: Complete beta version of FLXM release 4.0

Owner: Benjamin Marple

Description: The FLXM release will contain enhancements such as ATFM Daily Plan (ADP), as well as additional TMI elements. The FLXM releases are composed of UML models, XML schema, and best use documents

Due Date: 06/30/23

23Ez.51R - Internal Activity: Digital Constraints

Owner: Westley Wright

Description: Explore advance technology for example Machine Learning and data analytics techniques to support extraction and digitization of flight constraints embedded in NAS heritage documents such as Letters of Agreement (LOAs). In addition, conduct additional analysis and develop a standardized digital schema of these flight constraints information for use on systems/platform to better capture the information as they are input and can be directly exchanged with minimum processing.

23Ez.51R1 - Internal Target: Develop the Digital Constraint Concept of Use (CONUSE) document

Owner: Benjamin Marple

Description: The CONUSE will describe the operational needs for digital constraints, who and how this digital constraints is intended to be uses, and under what conditions it is intended or expected that they will use the capability. The CONUSE also identifies stakeholders, their interests in the capability, and future technical requirements necessary to maintain and improve this capability.

Due Date: 04/30/23

23Ez.51R2 - Internal Target: Perform a gap analysis to identify the appropriate existing Exchange Model

Owner: Benjamin Marple

Description: XM (i.e. AIXM, FIXM, FLXM, WXXM) for describing the LOA flight constraint data. The analysis will examine data elements present in both the XM core and applicable extensions. Once an appropriate XM is identified, the analysis will also identify any gaps in the current schema to ensure the LOA constraint data can be expressed. The XM Gaps Analysis report will document the gaps identified and steps forward to address those gaps. This activity will inform the future development of LOA flight constraint schema

Due Date: 09/30/23

23Ez.51S - Internal Activity: Wake Turbulence Enhancement Of Arrivals And Departures Collaboration

Owner: Westley Wright

Description: International working groups are looking at enhanced methods of providing wake turbulence mitigation utilizing currently available technology. ANG-C will lead the development of wake turbulence mitigation separation standards, procedures, processes, and enabling technology research for near, mid, and far term NextGen era operations. ANG-C will assess the performance of the wake turbulence separation processes and utilize those assessments in the design of new NextGen era operations. Team will perform analysis, modeling, concept development, and data collection activities necessary to accomplish the NextGen Wake Turbulence research agenda.

23Ez.51S1 - Internal Target: Complete white paper on the Dynamic Wake Proof of Concept validation

Owner: Natee Wongsangpaiboon

Description: Leveraging proof of concept activities done in the previous year, the team will develop white paper that summarizes the Dynamic Wake Proof of Concept validation using operational scenarios

Due Date: 05/30/23

23Ez.51S2 - Internal Target: Complete the final report for new aircraft type wake separation recommendations

Owner: Natee Wongsangpaiboon

Description: Complete the final report for new aircraft type wake separation recommendations delivered to the ATO

Due Date: 08/31/23

23Ez.52 - Internal Initiative: Improved Service Through Advanced Technology

Owner: Kathleen Edic

Description: Deliver safe, secure, efficient, flight services and airspace system services by adopting advanced and emerging technologies.

23Ez.52A - Internal Activity: Plan the future of Flight Service operations in Alaska

Owner: Kathleen Edic

Description: Enhance operational effectiveness in Alaska Flight Service to meet user preferences by maximizing processes, people, and information delivery.

23Ez.52A1 - Internal Target: Alaska Automation Capability

Owner: Anthony Whipple

Description: The Alaska Automation Capability (AAC) will take advantage of technological advancements to modernize Flight Service automation and voice switch capabilities, leveraging benefits from the CONUS solution. AAC is in the Acquisition Management System process. Develop artifacts to support a Final Investment Decision.

Due Date: 09/30/23

23Ez.52A2 - Internal Target: Expand FAA Weather Camera Operations to Hawaii

Owner: Daniel Pope

Description: Complete installation of 10 additional weather camera facilities in Hawaii. Host weather camera images on the FAA Weather Camera public website for access to the general aviation community.

Due Date: 09/30/23

23Ez.52A3 - Internal Target: Alaska Flight Service Training Operations

Owner: Joe Buckingham

Description: Hire and train students in the Alaska Flight Service Training Academy for a minimum of four (4) classes in FY23.

Due Date: 09/30/23

23Ez.52A4 - Internal Target: Alaska Flight Service Training Academy Course Rewrite

Owner: Kimberly Dodge

Description: The Flight Service Initial Qualification Training (IQT) Course provides training to novice Flight Service Specialists, this course needs an update to reflect new processes/policy and leverage new instruction methods. Begin the IQT re-write and complete Module 1, an introduction to Alaska Flight Service, by third quarter FY23.

Due Date: 09/30/23

23Ez.52A5 - Internal Target: OASIS II Two Way Communications

Owner: Anthony Whipple

Description: Research new emerging technology platforms for the continued expansion of the Two-Way Communications enhancement. Identify vendors interested in participating in two-way communications in Alaska.

Due Date: 09/30/23

23Ez.52A6 - Internal Target: Future Flight Service Program (FFSP) Voice Communication System (VCS) Limited Deployment

Owner: John Hudy

Description: Complete the FFSP Voice Communication System limited deployment predecessor activities Operational Suitability Demonstration (OSD) and Integration and Checkout (INCO) to demonstrate initial operating capability of FFSP voice communications.

Due Date: 09/30/23

23Ez.52B - Internal Activity: Automated Contingency Tool (ACT2) Compliance with JO 1900.47G

Owner: Antoinette Kreig

Description: Design, test, and implement Operational Contingency Plan (OCP) development and collaboration capability that complies with the 1900.47G within ACT2.

Core Coordinated: Agreed

23Ez.52B1 - Internal Target: Operational Contingency Level (OCL) Data Collection and Validation

Owner: Mike Sutherland

Description: In conjunction with the Phase 1 development of the enhanced Automated Contingency Tool (ACT2), establish an automated Operational Contingency Level (OCL) data collection and validation process that will enable the establishment of OCL metrics, dashboards, and data sharing across the ATO.

Due Date: 07/31/23

23Ez.52B2 - Internal Target: Enhanced Automated Contingency Tool (ACT2)

Owner: Mike Sutherland

Description: Complete Phase 1 development of enhanced Automated Contingency Tool (ACT2), which will improve Operational Contingency Plan documentation, event reporting, certifications, exercises, collaboration and information sharing.

Due Date: 09/30/23

23Ez.53 - Internal Initiative: Collaborative Traffic Flow Management

Owner: Lakisha Price

Description: Deliver outstanding traffic flow management in a collaborative environment for our stakeholders and customers.

23Ez.53A - Internal Activity: FIELD LEADERSHIP Critical Planning and Operational Capacity and Efficiency Performance Review

Owner: Lakisha Price

Description: Provides leadership to ensure NAS efficiency and safety issues are identified and prioritized on behalf of the ATO for appropriate action. Evaluates system performance and provides findings and recommendations to all pertinent ATO managers and ATO senior leadership. Coordinates with key representatives of the ATO, the military, other federal agencies, state and local governments, the aviation industry, the regulatory organizations of the FAA and the general public on traffic management and operational issues.

23Ez.53A1 - Internal Target: East North Corridor - Promote and evaluate Improvements to Safety and Efficiency

Owner: Michael Porcello

Description: Air traffic recovery continues in the East North Facilities. We will continue to work with the facilities within the service area in conjunction with the Air Traffic Control System Command Center to reduce and/or balance Minute-in-Trail and Mile-in-Trail restrictions. The goal is to effectively manage stringency to optimize performance of the NAS. Delay validation is ongoing as part of the review process as well as limiting the effect of these restrictions through fix balancing and route management.

Due Date: 09/30/23

23Ez.53A2 - Internal Target: East South Corridor - Special Event Planning

Owner: Christopher Tomlin

Description: Work with field facilities to ensure ideal Traffic Management Strategies are in place for efficient movement of air traffic. Coordinate/facilitate plans for special events throughout the East-South. Monitor the increased Rocket Launches that impact route closures.

Due Date: 09/30/23

23Ez.53A3 - Internal Target: Maintain Safety and Efficiency at LAX during rehabilitation of Taxiways B, C and D.

Owner: Thomas Morgan

Description: Assist Los Angeles District facilities in determination of impacts to traffic at Los Angeles International Airport (LAX), development of contingency procedures and facilitate communication with aviation user groups. Monitor and report on overall effect of rehabilitation activities.

Due Date: 09/30/23

23Ez.53A4 - Internal Target: Promote efficiency at Chicago O'Hare International Airport (ORD) during ongoing stages of the Chicago O'Hare Modernization Program (OMP).

Owner: Richard Ditto

Description: Assist Chicago District facilities in determining effect OMP will have on rates at ORD and facilitate communication with aviation user groups to include the monthly Chicago Focus Group. Monitor and provide reports of overall effect on efficiency at ORD.

Due Date: 09/30/23

23Ez.53B - Internal Activity: Oversight and Management of the National Airspace System (NAS)

Owner: Lakisha Price

Description: Management of the NAS to ensure safe and efficient use of available airspace, equipment, and workforce resources. Responsible for planning, directing, implementing, overseeing, and continuously monitoring all programs related to air traffic control systems used by the FAA at the Air Traffic Control System Command Center (ATCSCC) and throughout the United States. Oversees and manages the establishment of program directives, policies, standards, strategies, plans, quality assessments and management methods to support the operational requirements (current and future) of national and international flight operation while collaborating with aviation stakeholders for the conduct of business. The ATCSCC supports national defense activities as well as security initiatives to ensure stakeholders are timely apprised of pending changes.

23Ez.53B1 - Internal Target: NAS Oversight and Management

Owner: Delvyn Jones

Description: Ensure effective execution of DCC mission and timely communication on the status of the NAS with FAA management and NAS stakeholders.

Due Date: 09/30/23

23Ez.53C - Internal Activity: Quality Control Operational Review and Analysis

Owner: Aaron Thompson

Description: Review the operation on a daily basis to identify quality control issues that may impact system efficiency. Analyze data from sources including but not limited to: daily logs, voice recordings, FAA Tactical Operations (TACOPS) replays, NAS Operational Display (NOD), Traffic Flow Management System (TFMS) tools, Air Traffic Operations Network (OPSNET), Aviation System Performance Metrics (ASPM), and interviews with operational personnel.

23Ez.53C1 - Internal Target: Post Event and Daily NAS Analysis

Owner: Aaron Thompson

Description: Conduct and prepare Post Event and Quality Assessments of air traffic management services. Identify areas to continually improve the safety and efficiency of the NAS. Moderate the National System Review responding to customer comments. Improve the ATCSCC performance through the QC process with validations and checks in accordance with FAA Orders.

Due Date: 09/30/23

23Ez.53D - Internal Activity: NAS Directives and Procedures Management

Owner: Ed Kesler

Description: Ensure agency directives, Letters of Agreement (LOA) and Standard Operating Procedures (SOP) are reviewed and updated for accuracy and compliancy with FAA Orders. Determine if a Safety Risk Management (SRM) analysis is required in compliance with the Safety Management System (SMS) and the Air Traffic Operations (ATO) Safety Guidance Order JO 1030.1A. Attend directive development and SRM meetings and conferences.

23Ez.53D1 - Internal Target: Review and Update Facility Directives

Owner: Ed Kesler

Description: Review and update Facility Directives, Letters of Agreements (LOA's), Standard Operating Procedures (SOP's), Safety Risk Management (SRM) updates etc., to ensure policies and procedures are documented and that changes are generated to reduce workload, comply with federal regulations, DOT orders/policies, and to maintain and improve the safety and efficiency of the NAS.

Due Date: 09/30/23

23Ez.53D2 - Internal Target: Update Appropriate Notices/Orders

Owner: Ed Kesler

Description: Update appropriate Notices/Orders to ensure Systems Operations is procedurally included in the coordination of Commercial Space events so that accurate systems impacts can be assessed and system safety ensured.

Due Date: 09/30/23

23Ez.53E - Internal Activity: Provide National Traffic Flow Management (TFM) Training and Educational Briefings

Owner: Tony Price

Description: Conduct National Traffic Flow Management (TFM) educational Training, briefings, and tours to educate aviation employees, leaders and stakeholders.

23Ez.53E1 - Internal Target: Provide National Traffic Flow Management (TFM) Training and Presentations

Owner: Tony Price

Description: Provide the 50113 National Traffic Management course and other traffic management courses in-house and virtually. Develop national traffic management web-based training.

Conduct Traffic Flow Management (TFM) guided facility tours and briefings to FAA personnel, non-FAA individuals, and groups with an aviation interest to improve agency information exchange and increase operational awareness of the Air Traffic Control System Command Center.

Due Date: 09/30/23

23Ez.53F - Internal Activity: Expand Advanced Planning to Surrounding Air Navigation Service Providers (ANSP's), Facilities and Stakeholder

Owner: Lakisha Price

Description: Continue to advance the Plan, Execute, Review, Train, Improve (PERTI) principles by expanding advanced planning to surrounding ANSPs, FAA Facilities and stakeholder organizations.

23Ez.53F1 - Internal Target: PERTI – Include surrounding ANSPs in Advanced Planning Processes

Owner: Christopher Zurhorst

Description: Continue to include and expand surrounding ANSPs involvement in the Advanced Planning process.

Due Date: 09/30/23

23Ez.53F2 - Internal Target: Improve Stakeholder Engagement

Owner: Christopher Zurhorst

Description: Coordinate monthly with the Stakeholder Engagement Team (SET) on analysis/review activities for potential process improvement.

Due Date: 09/30/23

23Ez.53F3 - Internal Target: PERTI Website

Owner: Christopher Zurhorst

Description: Work with MITRE on development of additional features and improvements to the Direct Channel Complex (DCC) Continuous Planning website to provide enhanced continuous planning operations information to field facilities and stakeholders.

Due Date: 09/30/23

23Ez.53G - Internal Activity: ATCSCC Trajectory Based Operations (TBO)

Owner: Lakisha Price

Description: Refine/update funding dependent DCC procedures. Determine if floor layout change is necessary.

23Ez.53G1 - Internal Target: Expand and integrate Trajectory Based Operations (TBO) processes and procedures

Owner: Wayne Hubbard

Description: The Air Traffic System Command Center (ATCSCC) will expand and integrate TBO operations/management/process and procedures. Draft/update operational procedures for terminal specialists and NTMOs, add responsibilities to the 7200.176 Section 6. Review and update 7210.3CC/7210.65/7210.55 to ensure appropriate TBO language is incorporated to align with current ATO/NAS Objectives. Assess relevant TBO data and improve post-event analysis to foster a learning culture, and provide data driven analysis to inform best practices in TFM that can be integrated into current training and education. Work in collaboration with AJT and other stakeholders to ensure that data collected and reported is comprehensive and complements other NAS performance reviews. Regularly meet and develop collaborative plan with AJT-3 to promote systems thinking.

Due Date: 09/30/23

23Ez.53H - Internal Activity: Development/Improvement of airspace system tools

Owner: Mark Novak

Description: Automation and integration of services will be used, as well as on exploring current and emerging technologies such as cloud computing, artificial intelligence, machine learning, and serverless computing to enhance the efficiency and efficacy of Sys Ops data and analysis products. All activities under Goal #1 will be supported by sound business processes focused on planning, budgeting, and execution of funds and support contracts.

23Ez.53H1 - Internal Target: Traffic Flow Management System (TFMS) development/improvement

Owner: Wayne Hubbard

Description: Provide leadership for Traffic Flow Management Deployment Team, Operational Testing & Evaluation simulation and Key Site Acceptance Test for Release 14 - Oct 2021 and Release 15 - Oct 2022. Coordinate critical patches for Departure Spacing Program (DSP) and New York facilities - Oct 2021. Collaborate with NAS and ATO stakeholders on system enhancements involving Time-Based Flow Management (TBFM), Terminal Flight Data Manager (TFDM), Flow Management Data and Services (FMDS), and TFMS sustainment.

Due Date: 09/30/23

23Ez.53I - Internal Activity: Global Collaborative Decision Making

Owner: Lakisha Price

Description: Provide leadership to the Global Collaborative Decision Making process. Support a customer-focused, safe, efficient, and affordable air transportation system that is environmentally responsible. Support global understanding and acceptance of the FAA mission, operations, and Air Traffic Organization modernization efforts. Promote global, regional, and cross-border acceptance of U.S. Air Traffic Management technology, procedures and processes. Provides joint government/industry initiative aimed at improving air traffic management through increased information exchange among the various parties in the aviation community. Oversees the Collaborative Decision Making program made up of representatives from government, general aviation, airlines, private industry and academia who are working together to create technological and procedural solutions to traffic flow problems that face the National Airspace System.

23Ez.53I1 - Internal Target: Flight Data Exchange Assessments

Owner: Vern Payne

Description: Support the development of flight data exchange agreements between the FAA and other Air Navigation Service Providers (ANSP) through bilateral meetings as requested.

Due Date: 09/30/23

23Ez.53J - Internal Activity: Provide Leadership to Collaborative Decision Making

Owner: Lakisha Price

Description: Ensure airport and airspace capacity are more efficient, predictable, cost-effective, environmentally sound, and matched to customer needs by providing leadership to Collaborative Decision Making (CDM) processes. Develop tools, guidance and procedures that match system capacity, efficiency and predictability to user demands while improving safety, accessibility while increasing the capacity of the nation's aviation system.

23Ez.53J1 - Internal Target: Provide ATFM Operational Expertise

Owner: Vern Payne

Description: Provide provision of operational expertise for Air Traffic Flow Management (ATFM) software development, testing (i.e., Human in the Loop, End to End), Operational Testing & Evaluation (OT&E) simulation and Key Site Acceptance Test (KSAT) through the Collaborative Decision Making (CDM) Executive Committee (EC) process. Conduct CDM sub-team meetings to ensure projects provide efficient and cost-effective improvements to the NAS.

Due Date: 09/30/23

23Ez.53J2 - Internal Target: Facilitate Leadership Activities – National Customer Forum, Collaborative Decision Making

Owner: Vern Payne

Description: Facilitate the leadership communication and collaborative stakeholder processes. The NAS Collaboration Forum (NCF), and Executive Committee monthly meetings will all have specific agendas, objectives and processes, meeting goals and eliminating overlap.

Due Date: 09/30/23

23Ez.53J3 - Internal Target: Strategic NAS Efficiency

Owner: Curt Rademaker

Description: Proactively identify gaps in system efficiency and develop new technologies and tools to improve operational performance. Collaborate with various user groups to include MITRE, Performance Analysis, NextGen, Time Based Operations (iTBO) and other internal and external stakeholders to develop products that will improve NAS efficiency over the next several years.

Due Date: 09/30/23

23Ez.53J4 - Internal Target: Tactical NAS Efficiency

Owner: Curt Rademaker

Description: Improve NAS efficiency on initiatives identified by the ATO's Vice-Presidents (Focus Five Efficiency Initiatives) and ad hoc initiatives identified by the Director of System Operations. Collaborate with Air Traffic, NAS Operations, Performance Analysis, Deputy Directors of System Operations and other internal and external stakeholders to develop mitigations to efficiency short falls in the system in the near term. This initiative should target efficiency goals that can be accomplished within the next year.

Due Date: 09/30/23

23Ez.53K - Internal Activity: Product and Development

Owner: John Gulding

Description: The Product and Development Group is responsible for the identification, development, modification and overall management of all products/tools utilized by the directorate and its customers. The group is the primary point of contact for the airlines, ATO lines of business and contracting companies for the purpose of developing operational decision-making products for the NAS.

Core Coordinated: Agreed

23Ez.53K1 - Internal Target: Predictive Analytics

Owner: John Gulding

Description: Produce concept of use report that describes a next level capability for the FAA continuous planning function. This concept of use report includes a review of timing, audience, weather, demand and any other pertinent information. This report would focus on areas that could be assisted by predictive analytics.

Due Date: 04/30/23

23Ez.53K2 - Internal Target: Trajectory Viewer

Owner: John Gulding

Description: Deliver report on trajectory viewer requirements that meet the needs of data analyst as well as the transition to FAA Integrated Trajectory (FIT)/WILBUR data sources.

Due Date: 09/30/23

23Ez.53K3 - Internal Target: Vision on TM Efficiency Toolbox

Owner: John Gulding

Description: Deliver Traffic Management (TM) Efficiency Toolbox Future Vision Report to address data transition, maintainability and status of new features required by management. This document will focus on continuing to provide actionable operational data to Air Traffic (AT) personnel while working to integrate the tools so as to avoid the proliferation of overlapping capabilities that. The resulting toolbox would be as streamlined as possible.

Due Date: 09/30/23

23Ez.54 - Internal Initiative: Integrated Command and Control

Owner: Lakisha Price

Description: Expand the current System Operations command and control function to create and integrate ATO command and control.

23Ez.54A - Internal Activity: JATOC Communication Coordination and Collaboration

Owner: Chad Wakefield

Description: The Joint Air Traffic Operations Command (JATOC) is the ATO's centralized command and control element and provides a single source of integrated information to effectively prepare for, respond to and recover from significant incidents in the National Airspace System (NAS).

23Ez.54A1 - Internal Target: JATOC Training

Owner: Chad Wakefield

Description: Provide a comprehensive training program to all those standing watch as ATO Watch Officers (AWOs) compliant with JO 3100.15. Deliver monthly "JATOC Element Familiarization" and "Building Leadership Capacity" training to applicable DCC personnel.

Due Date: 09/30/23

23Ez.54A2 - Internal Target: JATOC Conduct Improvement Exercises

Owner: Chad Wakefield

Description: Develop, and conduct regularly scheduled Joint Air Traffic Operations Command (JATOC) readiness exercises with JATOC elements with the inclusion of ATO Space Operations to evaluate preparedness and to emphasize cross-functional roles and responsibilities during and after events.

Due Date: 09/30/23

23Ez.54A3 - Internal Target: JATOC Outreach and Education

Owner: Chad Wakefield

Description: Lead an ATO-wide outreach effort to further educate the workforce on the mission and capabilities of the JATOC. Deliver informative briefings to Operations Manager Leadership Development Program (OMLDP), Operations Supervisor Workshop (OSW), Succeeding in Your First Year (SYFY), National Traffic Management Course, and various other district and national forums.

Due Date: 09/30/23

23Ez.54A4 - Internal Target: Mount Weather Emergency Operations Center (MWEOC) JATOC Integration

Owner: Chad Wakefield

Description: Conduct regularly scheduled shadow operations at MWEOC. Coordinate security badging process and integration of Joint Air Traffic Operations Command (JATOC) functional elements.

Due Date: 09/30/23

23Ez.55 - Internal Initiative: Integration of New Entrants

Owner: Lakisha Price

Description: Empower new entrants to access and utilize the NAS successfully while efficiently maintaining optimal safety and security.

23Ez.55A - Internal Activity: Integrate Commercial Space Transportation into the NAS

Owner: Duane Freer

Description: Safely and efficiently, integrate new types of commercial space operations into the NAS and support the industry activities these operators present. Access and implement a planning and management process that supports improved integration of current space operations, including the strategic vision and collaborative solutions to operational conflicts. Use Traffic Flow Management System time based capabilities to improve efficiency gains.

23Ez.55A1 - Internal Target: ATO Space Operations collaborates with industry partners and other stakeholders to streamline mission planning process

Owner: Duane Freer

Description: The ATO will produce recommendations for improving data exchange processes between the FAA, DOD and Launch and Reentry Operations (LROs).

Due Date: 09/30/23

23Ez.55A2 - Internal Target: ATO Space Operations collaborates with industry partners to understand, evaluate and define the metrics of Operators

Owner: Duane Freer

Description: The ATO will conduct three Space Operation Committee (SpOC) meetings with industry and Department of Defense partners to understand, evaluate pre-mission planning, international procedures, and data exchange opportunities.

Due Date: 09/30/23

23Ez.55A3 - Internal Target: ATO Space Operations collaborates with International industry partners to understand mission needs

Owner: Duane Freer

Description: The ATO will conduct one outreach event to educate foreign Air Navigation Service Providers on how best to integrate space operations into their airspace.

Due Date: 09/30/23

23Ez.55A4 - Internal Target: ATO Space Operations utilizes Central Altitude Reservation Function (CARF) capabilities to manage and support Upper Class E Operations

Owner: Duane Freer

Description: The ATO will collaborate with industry operators to develop a gap analysis which addresses data integration needs for Upper E UAS operations.

Due Date: 09/30/23

23Ez.55A5 - Internal Target: Develop Actionable Recommendations to Management

Owner: Duane Freer

Description: Develop actionable recommendations / solutions for mitigating identified operational data gaps for space launch and re-entry hazard areas.

Due Date: 09/30/23

23Ez.56 - Internal Initiative: Data-driven Operational Efficiency

Owner: Kevin Hanson

Description: Increase operational efficiency through innovative performance analysis, data management, and system integration.

23Ez.56A - Internal Activity: System Event and Analysis

Owner: David Raymond

Description: The System Event and Analysis Group is responsible for the analysis of constraints identified in the NAS and developing goals that will mitigate the impacts of these constraints on NAS performance and efficiency. The group will handle impacts that special events will have on the NAS and any special requests for metrics and analytics made by executive management. The group will lead all headquarter projects and establish goals and targets that these projects will measure benefit to the NAS. Additionally, the System Event and Analysis Group responds to Freedom of Information Act requests that are associated with operational flight data in U.S. airspace.

23Ez.56A1 - Internal Target: Single integrated short-term forecasting model

Owner: Abbas Afshar

Description: Create a single, integrated, short-term air traffic forecasting model that can drill down to the facility level and suits the needs of organic reporting as well as the requirements of AJR-1.

Due Date: 09/30/23

23Ez.56A2 - Internal Target: Integrated and validated daily, weekly, monthly, and annual analysis and reporting

Owner: Grigory Makarenko

Description: Inventory recurring reports and reconcile all like metrics contained therein. Where possible, down-select the graphs/charts/tables to a set that brings maximum value to stakeholders while minimizing the amount of content. Coordinate with associated FAA stakeholders to ensure that resulting information suits their needs. The end state should be a set of temporal-based briefings that are consistent and easy to create.

Due Date: 09/30/23

23Ez.56C - Internal Activity: Effective Slot Administration

Owner: Al Meilus

Description: Slots, or limits on planned aircraft operations, are a tool used in the United States and around the world to manage air traffic congestion at extremely busy airports, and to prevent repeated delays that result from too many flights trying to take off or land at the same time. Aviation performance therefore depends on effective allocation and monitoring of assigned schedule times. The Slot office analyzes and coordinates domestic and foreign air carrier slot and schedule requests at schedule facilitated or slot-controlled airports designated by the FAA as Level 2 or Level 3 airports under worldwide slot guidelines or the equivalent by FAA rules.

23Ez.56C1 - Internal Target: Slot Allocation List (SAL)

Owner: Al Meilus

Description: Inform airlines of the results of Initial Coordination at Level 2 and Level 3 airports for the scheduling seasons.

Due Date: 07/31/23

23Ez.56C2 - Internal Target: Slot Historic List (SHL)

Owner: Al Meilus

Description: Develop Slot Historic List to grant historic precedence to carriers for the scheduling seasons.

Due Date: 09/30/23

23Ez.56F - Internal Activity: DOT Reporting Metrics

Owner: Al Meilus

Description: Performance Analysis is responsible for several metrics that have required reporting to the Department of Transportation or are tracked due to pay for performance targets. These include the Average Daily Capacity Metric, NAS On-Time Arrivals and On-Time Arrivals.

23Ez.56F1 - Internal Target: Average Daily Capacity

Owner: Anya Berges

Description: Maintain an Average Daily Airport capacity of at least 59,706 arrivals and departures at Core airports.

Due Date: 09/30/23

23Ez.56F2 - Internal Target: Achieve NAS On-Time Arrivals

Owner: Anya Berges

Description: Achieve a NAS on-time arrival rate of 88% at Core airports and maintain through FY 2023.

Due Date: 09/30/23

23Ez.56H - Internal Activity: Mitigating Capacity Constraints

Owner: Al Meilus

Description: Operational performance and the need for Traffic Management Initiatives is largely driver by demand/capacity imbalances. A portion of these are tactical and depend on daily variation of the weather and some are planned due to events such a runway construction. This activity assesses capacity constraints for planned activities. As required, the activity will assess benchmark capacity rates published for different operation conditions.

23Ez.56H1 - Internal Target: Capacity Constraint Analysis

Owner: Anthony Chiari

Description: Deliver assessments of Capacities to support facility construction, procedural changes etc. as construction plans develop.

Due Date: 09/30/23

23Ez.56N - Internal Activity: Operational Analysis Support

Owner: Andrei Merling

Description: The Operational Analysis Support (OAS) group at the Air Traffic Control System Command Center (ATCSCC) provides timely operational data and analysis to inform tactical and strategic operational decisions. Tasks include direct support to the National Operations Manager (NOM) and the team developing the advanced plan either the day before of operation or day of operation. Additionally the team provides real time analysis support to Joint Air Traffic Operations Commend (JATOC), Quality Control and Strategic Review Teams at the ATCSCC.

23Ez.56N1 - Internal Target: Release Update to Plan Execute Review Train Improve (PERTI) Planner

Owner: Andrei Merling

Description: Deliver new updates to Plan Execute Review Train Improve (PERTI) Planner based on FY23 requirements.

Due Date: 09/30/23

23Ez.56N2 - Internal Target: Airspace Flow Program (AFP) Performance Analysis Development

Owner: Andrei Merling

Description: Conduct analysis of both the weather impacts and the performance of Airspace Flow Programs to mitigate those impacts. Evaluate alternative Airspace Flow Programs (AFP) parameter settings (e.g., rates, scope, and duration) that may have resulted in lower overall system delays while maintaining the ability for individual sectors to handle traffic volume within the constraints of the weather impacts.

Due Date: 09/30/23

23Ez.56O - Internal Activity: Quality Assurance and Standardization

Owner: Caroline Poyurs

Description: Quality Assurance and Standardization (QAS) ensures the standardization of Performance Analysis Products and operational performance metrics across Performance Analysis. QAS provides and maintains a data governance structure for these metrics as well as the underlying data and promotes these metrics as the authoritative enterprise source for operational performance metrics. QAS ensures the validation of these metrics and products.

23Ez.56O1 - Internal Target: Data Governance

Owner: Caroline Poyurs

Description: Draft data governance for Enterprise use of WILBUR

Due Date: 09/30/23

23Ez.56O2 - Internal Target: Morning Report Quality Assurance Check

Owner: Caroline Poyurs

Description: Include the Traffic Management Efficiency Dashboards in the morning report quality checks.

Due Date: 09/30/23