

FY 2020 ARP Business Plan



Safety

Reduce Aviation and Commercial Space Transportation-Related Fatalities and Serious Injuries in Commercial and General Aviation.

Systemic Safety Approach

Mitigate risks and encourage infrastructure and behavior change by using a data-driven systemic safety approach to identify risks, enhance standards and programs, and evaluate effectiveness.

Initiative: Potential/Emerging Safety Issues

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

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

Activity: Potential/Emerging Safety Issues

Facilitate potential/emerging safety issues through the FAA Safety Issue Identification and Management Process.

Target: Potential/Emerging Safety Issues (ARP)

The FAA SMS Committee will facilitate at least three FAA safety risk assessments, with support from the stakeholder FAA Lines of Business, and document the progress of the assessments in the Hazard Identification Risk Management, and Tracking (HIRMT) tool. Specific support request: Attend bi-monthly meetings and comply with FAA Safety Issues Identification Process.

Initiative: Integrated Oversight Policy

Evolve the FAA safety oversight methodology to provide a system approach to managing risk, analyzing data, and conducting oversight. This is a multi-year plan.

Activity: FY20 Integrated Oversight Policy Activities

Upon completion of the identified FY20 business plan items, foundational elements for evolving our oversight systems and implementing the IOP will be established. Development of the Risk Methodology for Oversight will improve consistency and standardization in how LOBs/SOs manage risk across common product/service providers. The establishment of an Oversight Data Strategy will provide guiding principles for how data needs are identified and addressed for oversight. Finally, better integration of oversight activities will help evolve conducting oversight in a more standardized and systematic way.

FY 2020 ARP Business Plan



Target: Oversight Risk Methodology (ARP)

Obtain AOA concurrence of an FAA Risk Methodology for Safety Oversight, which will include, common risk characteristics for Oversight Risk Profiles, and processes for ensuring identified risks are shared across LOB/SOs.

Target: Oversight Data Improvement (ARP)

Finalize an Oversight Data Improvement strategy which will establish a set of principles to enable the seamless flow, identification, and access of timely, reliable, and relevant oversight information/data.

Target: Integrated/Collaborative Oversight (ARP)

Provide applicable LOB/SO policy offices, policy changes/language for a minimum of 50% of the recommendations found in the RBDM c3 Reduction Duplicative Activity and Integrated Oversight Report.

Initiative: Expand Safety Management in Industry

Expanding Safety Management in industry is necessary to fulfill agreements with the International Civil Aviation Organization (ICAO), as well as respond to stakeholder inquiries and recommendations. Under this Initiative the FAA will identify and document the activities it will undertake to expand the implementation of Safety Management Systems (SMSs) in industry.

Activity: Expand Safety Management System (SMS) In Industry

Develop agency strategy for expansion of SMS in industry based on management's decision. Achieve targets in rulemaking roadmap and approval of Part 139 SMS rule. Due September 30 2020

Target: Provide Support to OST for approval of Part 139 SMS Rule

Provide appropriate support to OST to facilitate their approval of the Part 139 SMS Rule. (Due September 30, 2020)

Initiative: Final Safety Management System (SMS) Rule at Part 139 Airports

Increase safety by developing a communication and training plan after the publication of the Final Airports SMS Rule.

Activity: Develop Implementation Plan for External SMS

Create communication and training plan for Airport SMS rule when published.

Target: Draft communication Plan External SMS

Provide draft of communication plan on external SMS within 90 days of publication of Final Rule.

Target: Draft training template for External SMS

Provide draft training template on external SMS to Regional SME within 90 days of publication of Final Rule.

FY 2020 ARP Business Plan



Initiative: Surface Safety Risk Reduction and Runway Incursion Mitigation (RIM)

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

Activity: Implement RIM Program

Identify, prioritize and mitigate airport locations with history of runway incursions.

Target: FY21-26 RIM mitigation projects schedule

Develop draft FY21-26 schedule and associated cost estimates for mitigation projects at RIM locations.

Target: Mitigation Projects

Regions collectively complete five mitigation projects at RIM locations.

Target: Draft RIM projects report

Update draft report of completed RIM projects to date.

Target: Non-standard geometry inventory

ARP regional personnel review all non-RIM hot-spots at towered airports within their region. Regional personnel are to prioritize those non-RIM hot-spots that may lead to runway incursions and work with Sponsors to develop a draft inventory for at least 25% of those priority hot-spot locations.

Initiative: Part 139 Program Oversight

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

Activity: Provide national guidance and oversight enhancement of Part 139 inspection program

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

Target: Assess Airport Certification Safety Inspector inspection data

Assess Airport Certification Safety Inspector inspection data to identify the top area of regulatory application/compliance for emphasis during inspection.

Target: Part 139 inspection program workgroup

Convene a headquarters/field workgroup to develop a draft template of standardized discrepancy language and appropriate correction time frames to improve consistency of Compliance-Letters, based on the assessment that was completed in FY19.

Activity: Conduct regional audits of the Part 139 inspection program

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

FY 2020 ARP Business Plan



Target: Regional slot audit of Part 139 inspection program

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

Target: Initial individual regional audit exercise over the Part 139 inspection program

Conduct one regional audit, and produce documentation of any discoveries, from a specific identified regional inspection program.

Target: Second individual regional audit exercise over the Part 139 inspection program

Conduct a second regional audit, and produce documentation of any discoveries, from a specific identified region inspection program.

Activity: Develop a schedule of Airport Certification Safety Inspector desiring to participate in cross regional inspections

Promote standardization by cross-training inspector cadre.

Target: Funding and resource identification

Regional managers coordinate with the AAS-300 division to establish availability of cross regional inspection funding/resources.

Target: Cross training opportunities notification

AAS-300 notifies each region of cross training opportunities.

Target: Compilation of cross regional inspection participants

Compile/complete list of cross regional inspection participants.

Initiative: Global Aviation Safety

Increase global aviation safety by participating in the development of International Civil Aviation Organization (ICAO) standards and providing technical assistance to ICAO State members through the FAA International Talent Enhancement Program.

Activity: Provide Global Leadership in Aerodrome Safety

Provide subject matter expertise for airport technical assistance and safety assessments at foreign international airports.

Target: Tailor participation in Part 139 Inspection Expertise workshops to ensure a unified FAA approach, to reduce duplication of FAA resources.

Coordinate at least one (1) airport certification/inspection/shadow event in/for a priority country identified in APIs multi-year strategic plan.

Target: Airport Certification Safety Inspectors (ACSI) shadowing events

Invite three (3) States to shadow Airport Certification Safety Inspectors (ACSI) in the U.S. and foster working level exchange of best practices pertaining to aerodrome certification.

FY 2020 ARP Business Plan



Target: Provide State workshops or technical assistance to support Senior Leadership Development for emerging foreign leaders.

Assist at least two (2) States by providing workshops or technical assistance as requested, in alignment with the international talent enhancement program/initiative.

Activity: Encourage global adoption of U.S. safety standards and best practices

Participate in ICAO workgroups to advance the adoption of U.S. safety standards and best practices in order to improve safety at airports worldwide.

Target: Participation in ICAO Workgroups related to Aerodromes

Actively participate in ICAO Workgroups related to aerodromes to effectively harmonize divergent standards and to ensure continued U.S. influence at ICAO.

Target: Participation in ICAO Workshops, Runway Safety, Airport Certification, etc.

Actively participate in ICAO Workshops, Runway Safety, Airport Certification and other technical areas such as Wildlife and SMS.

Initiative: General Aviation Safety

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.

Activity: Develop framework for accident/ incident evaluation

Develop a plan to determine what data would be required to evaluate elements of the airport that have contributed to accidents/ incidents.

Target: Prioritized focus areas final report

Based on the data from FY19, provide a final report showing the prioritized focus areas where oversight should be expanded to improve GA safety at National Plan of Integrated Airport System (NPIAS) airports, and potential implementation plans for improvements.

Activity: Improve Runway Safety Areas at General Aviation Airports.

Identify solutions to mitigate non-standard Runway Safety Areas (RSAs).

Target: Runway Safety Areas (RSA) Evaluations of General Aviation (GA) NPIAS Airports Workgroups.

Create a headquarters/field workgroup to identify NPIAS GA Airports with non-standard runway safety areas, review the RSA deficiencies and to provide a list of recommendations or steps to implement RSA improvements on GA airports.

Activity: Assess non-NPIAS General Aviation (GA) airport support needs

Assess non-NPIAS public use General Aviation (GA) airport support needs.

FY 2020 ARP Business Plan



Target: Office of Airports (ARP) role at non-NPIAS airports.

Evaluate ARP's role for improving safety at public use non-NPIAS airports.

Initiative: Airport Master Records

By working with states, U. S. territories and other stakeholders, enhance safety by improving the accuracy of the Airport Master Record (5010) and the U.S. Chart Supplement data.

Activity: Enhance State Responsibilities

Empower States and U.S. territories to be more proactively engaged in aeronautical data collection, verification, and submission activities.

Target: Final Guidance and training initiation

Continue outreach and training to state inspectors, airport operators and FAA staff on the new airport data collection and submittal methods.

Initiative: Surface Safety Risk Reduction and Reduce Wrong Surface Events

Reduce the risk of wrong surface events by addressing airport mitigations in the 2017 Safety Risk Management Document (SRMD) and taking action on key airport recommendations from the August 2018 FAA Safety Summit.

Activity: Wrong Surface Departure/Landing Mitigations

Develop a plan of action on wrong surface departure and landing events, including evaluation of suggestions from the FAA 2018 Safety Summit and mitigations from the 2018 Wrong Surface SRMD impacting airports.

Target: Research non-standard mitigations

Research non-standard mitigations including human factors involving closed pavement at the FAA Tech Center. Continue to review ideas obtained at the FAA Safety Summit for further research and development.

Target: Wrong Surface Departure/Landing Mitigations Implementation Plan

Share results with employees and stakeholders and develop an implementation plan for using standard airport mitigations for wrong surface landings and departures.

Initiative: Surface Safety Risk Reduction

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.

Activity: ARP Support of the Runway Safety Technology Program

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.

FY 2020 ARP Business Plan



Target: ARP Support of Runway Safety Technology Program

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.

Initiative: Internal Safety Management Systems (SMS)

Clarify internal ARP safety management policy by updating Safety Management System Order to ensure consistent risk-based decisions.

Activity: Promote Internal SMS

Promote internal Safety Management by updating Safety Management System Policy to maintain consistent risk-based decisions.

Target: Internal SMS Publication submission

Update Order 5200.11 and submit to AGC and AAS-1 for final approval.

Infrastructure

Invest in Infrastructure to Ensure Safety, Mobility, and Accessibility and to Stimulate Economic Growth, Productivity and Competitiveness for American Workers and Businesses.

Project Delivery Planning Environment Funding and Finance

Facilitate expanded infrastructure development, modernization, and construction in both rural and urban communities by fostering more efficient and collaborative planning and construction techniques, accelerating project approval, leveraging all sources of funding, and promoting innovative financing while maintaining environmental stewardship.

Initiative: Major Airport Development

Support delivery of major airport development that will significantly benefit the NPIAS through a combination of federal, state, and local funding, and private investment. Provide guidance and support for large hub airports that are critical to efficient operations in the NAS, by leveraging state and local funding.

Activity: Managing Airport Development Projects

Provide guidance and support for large hub airports with National Airspace System (NAS)-wide impacts, leveraging state and local funding.

Target: Managing Airport Development Projects - Chicago O'Hare International Airport (ORD)

Support 11/5/2020 commissioning of new Runway 9C/27C at Chicago O'Hare International Airport to include the new runway and a preliminary Part 139 inspection of the new runway.

FY 2020 ARP Business Plan



Target: Managing Airport Development Projects - Dallas Fort Worth Airport (DFW)

Provide technical guidance by conducting timely review of the plans and specs, construction safety phasing and final signs and marking plan when submitted by the airport sponsor for the construction of the Southwest End Around Taxiway (EAT) at Dallas Fort Worth (DFW). This will allow DFW to complete construction of the EAT, to then increase efficiency at the airport and reduce runway crossings.

Target: Managing Airport Development Projects - Clark County/Las Vegas - Draft Air Quality Work Plan

Within 60-days of receipt, provide Clark County Board of Commissioners (CCDOA) with comments on draft Air Quality Work Plan for including Southern Nevada Supplemental Airport (SNSA) into Clark County's (Las Vegas) State Implementation Plan for Air Quality. Due September 30, 2020

Target: Managing Airport Development Projects - Clark County/Las Vegas - EIS

Within 120-days of receipt of CCDOA's (Las Vegas) revised plan, convene a meeting of the EIS Cooperating Agencies and Vision 100 Agencies to reintroduce the proposed new airport project in anticipation of re-scoping the suspended EIS.

Target: Managing Airport Development Projects - Seattle-Tacoma International Airport (SEA)

Provide technical assistance by conducting timely review of the environmental assessment supporting the Near Term projects, at (SEA). This will allow SEA to begin design and construction of the Near Term suite of projects, including 19 gates to address current and future forecast demand.

Target: Managing Airport Development Projects - LGA AirTran EIS

To ensure that the Federal environmental review and permitting process for the LaGuardia Airport (LGA) Access Improvement Project is coordinated, predictable, and transparent, One Federal Decision (OFD) requires three concurrence points in the environmental review process where the FAA must request the concurrence of cooperating agencies with authorization decision responsibilities. The first concurrence point, (#1) purpose and need, was completed in FY 2019. FAA will request written concurrence on the two remaining concurrence points for the project in FY 2020: (#2) alternatives to be carried forward for evaluation; and (#3) the preferred alternative.

Target: Managing Airport Development Projects - Charlotte Runway 1-19 Public Meetings

Hold public meeting(s) to present the proposed action, alternatives, and impacts.

Target: Manage Airport Development Projects - Charlotte Runway 1-19 EA Draft

Issue the draft EA for public comment.

FY 2020 ARP Business Plan



Activity: Airport Capacity Assessment for National Operational Impact

Complete updated evaluation of capacity constrained large and medium hub airports in the NAS, to inform collaboration on potential improvements to increase capacity and efficiency in the NAS.

Target: Airport Capacity Assessment for National Operational Impact (Collaboration between ARP, ATO and ANG)

Complete evaluation and identification of capacity constrained airports in 2020 and 2030, in coordination with AJR and ANG.

Target: Draft NPIAS report

Brief relevant airports via webinar on identification of capacity constrained airports. Incorporate findings on capacity constrained airports into draft NPIAS report and other communications with external stakeholders.

Target: North East Corridor (NEC) Gate Dock Evaluation

Engage MITRE in the evaluation of available data to understand the quantitative benefit of gate docking technology at NEC airports.

Activity Target: Benefits assessment for gate docking technologies to improve surface management.

Activity: Develop Definition of Rural Airports

Harmonize rural airport definition with other Federal Government definitions.

Target: Asset Classification

Research existing definitions of rural airport to make a recommendation for ARP definition and determine how this relates to the Asset Classification.

Target: Funding data analysis for Rural Airports

Initiate analysis of funding data for these rural airports and recommend appropriate actions/adjustments.

Initiative: FAA Reauthorization Legislation

Ensure ARP personnel implement changes resulting from FAA reauthorization language in accordance with provided guidance.

Activity: Implement FAA Reauthorization Legislation

Ensure that ARP personnel implement changes resulting from FAA reauthorization legislation.

Target: Implement policies for FAA Reauthorization Legislation

Implement policies for reauthorizations sections that are completed in 2019 and provide updates on longer-range sections.

FY 2020 ARP Business Plan



Target: Passenger Facility Charge (PFC) streamlining pilot

Initiate Phase I PFC Streamlining pilot in accordance with PFC Program Update guidance.

Life Cycle and Preventive Maintenance

Keep the Nation's transportation infrastructure secure and in a state of good repair by maintaining and upgrading existing systems in rural and urban communities.

Initiative: Runway Pavement Maintenance

Ensure airport infrastructure is kept in a safe and serviceable condition through capital improvements and airport inspections.

Activity: Ensure runway pavement is kept in a safe and serviceable condition

Ensure runway pavement is kept in a safe and serviceable condition through capital improvements and airport inspections.

Target: Ensure runway pavement is kept in a safe and serviceable condition

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.

Target: Integration of airport sponsor's pavement management program (PMP) information

Draft guidance for integrating the airport sponsor's pavement management program (PMP) information into the development of the airport's capital improvement plan (ACIP).

Activity: Runway Type Usage

Incorporate runway categorization (primary, secondary, crosswind, additional) and AIP runway eligibility data into System of Airport Reporting (SOAR) (ARP).

Target: Input of runway data in SOAR

ADOs/ROs enter runway data in SOAR for remaining airports (non-hub and non-primary) in accordance with guidance.

Activity: Develop strategy to improve infrastructure through Airport Improvement Program (AIP) for small communities as defined in the FY18 and FY19 supplemental programs

Continue to provide funding and support to improve the operability of small airports.

Target: Trend analysis of supplemental funding

Track, analyze and trend the administration of supplemental funding for small airports and report findings.

FY 2020 ARP Business Plan



Initiative: Disaster Preparedness

Facilitate enhanced disaster preparedness and recovery to improve airport resiliency.

Activity: Severe Weather

Examine research report on severe weather resiliency considerations in airport development to determine appropriate actions.

Target: Funding resiliency pilot

Initiate pilot for funding resiliency plans at airports.

Innovation

Lead in the Development and Deployment of Innovative Practices and Technologies that improve the Safety and Performance of the Nation's Aviation System.

Development of Innovation

Encourage, coordinate, facilitate, and foster world-class research and development to enhance the safety, security, and performance of the Nation's transportation system.

Initiative: Safe Integration of Unmanned Aircraft Systems (UAS) Operations

ARP will continue to lead and/or support the development and deployment of innovative practices and technologies that improve the safety and performance of the nation's airports.

Activity: Develop UAS Reference Documents

Develop reference documents for airport sponsors use when acquiring UAS detection systems.

Target: UAS detection systems best practices

Develop best practices for acquiring UAS detection systems for airports.

Activity: Implement UAS Technologies

Evaluate UAS impacts on airports.

Target: Evaluation of proposed detection systems

Finalize process for submittal and evaluation of proposed detection systems at airports for Office of the Chief Counsel (AGC) review.

Target: Potential planning and design standard changes

Evaluate potential planning and design standard changes necessitated by UAS operations on airports.

Initiative: Safe Integration of Commercial Space Activity

Continue to support developing commercial space policies and processes necessary for safe integration.

FY 2020 ARP Business Plan



Activity: Ensure safe integration of commercial space activities on or near airports

Continue efforts to ensure safe integration of commercial space activities on or near airports.

Target: Commercial Space activities coordination plan implementation

Implement the coordination plan developed in FY19 for commercial space activities on or near airports.

Target: Implementation and finalization of Acceptable Level of Risk Approach and Commercial Space Integration into the National Airspace System Concept of Operations

In coordination with the Office of Commercial Space Transportation (AST), implement the Air Traffic Organization (ATO) Acceptable Level of Risk Approach for Commercial Space Launches, and take action to finalize the Office of NextGen (ANG) Commercial Space Integration into the National Airspace System Concept of Operations document.

Initiative: Improve Data Management Systems

Improve capabilities of individual data management systems (SOAR, ADIP, ADMS, etc.) and provide integrated data tools supporting enhanced business analytics for ARP employees.

Activity: Create Airports Document Management System (ADMS) system

Implement new electronic document management system for ARP document and records.

Target: Airports Document Management System (ADMS) system information sessions

Provide information sessions via all-hands meetings (including an ADMS website update and article in the ARP newsletter) to ARP employees regarding the ADMS proposed file structure, standard operating procedures and proposed timeframe.

Target: Finalize ADMS Memorandum of Understanding

Develop and finalize ADMS Memorandum of Understanding (O&M Costs, Implementation Planning, Implementation, and Training) with AIT including specific support metrics.

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.

Improve, transform and integrate SOAR to gain productivity and increase information availability and timeliness.

Target: Implementation of the Airports External Portal

Begin implementation of the Airports External Portal in FY 2020 with two airport sponsors.

FY 2020 ARP Business Plan



Target: SOAR findings and ideas enhancements development

Develop at least eight enhancement ideas submitted by system users from SOAR findings and ideas as improvements in legacy system or new "transformative" additions.

Target: Transformation pilot completions

Complete at least two transformation pilots in FY 2020.

Target: Mobile Implementation Process Initiation

Test and begin mobile implementation process in FY 2020.

Activity: Database Optimization

Implement long-term data integration requirements for ARP used databases.

Target: AIRportal shelf platform integrator evaluation

Evaluate off the shelf platform integrator used in AIRportal (Airport Information Reporting Portal).

Target: Database consolidation/integration recommendations implementation

Develop an integration plan and begin implementation of the accepted database consolidation/integration recommendations developed by the Database Optimization Team in FY19.

Activity: Create ARP IT Steering Board

Improve oversight of data management systems

Target: ARP IT Steering Committee Charter development

Develop a draft ARP IT Steering Committee charter, including governing structure.

Target: ARP IT Steering charter managerial briefing

Brief ARP management on draft ARP IT Steering charter.

Target: Establishment of ARP IT Steering Board

Upon receipt of ARP senior management approval, establish an operational ARP IT Steering Board.

Activity: Continue modernization of the Airport Data Information Program (ADIP)

Consolidate modules and implement improvements to the ADIP.

Target: Heliport survey standards development

Develop heliport survey standards within AC 150/5300-18B.

FY 2020 ARP Business Plan



Target: Airport Master Record Application

Develop additional requirements and coordinate with stakeholders. Incorporate requirements into Airport Master Record application.

Target: Consolidated Dashboard

Develop a centralized dashboard integrating data from all the ADIP modules in a user-friendly display, soliciting and incorporating input from users.

Target: Airspace Evaluator development

Explore and develop alternatives for an Airspace Evaluator in either iOEAAA or ADIP.

Target: ADIP applications training framework

Develop framework for training for proposed courses, both classroom and electronic Learning Management System (eLMS) covering all ADIP applications.

Target: Heliport Survey Standards Development

Develop Heliport Survey Standards in support of Instrument Procedure Development.

Deployment of Innovation

Accelerate and expand the deployment of new technologies and practices by reducing barriers to innovation and actively promoting innovations that enhance the safety and performance of the Nation's transportation system.

Initiative: Airport Facility Improvements

Conduct timely research to allow for innovative solutions for improvement to airport facilities, equipment and/or construction materials.

Activity: Continue research into alternatives to Aqueous Film Forming Foam (AFFF) in Firefighting Agents

Pursue finding alternative for Aqueous Film Forming Foam (AFFF).

Target: Fluorine-Free Foam (FFF) fire testing

Select initial Fluorine-Free Foam (FFF) candidates for fire testing.

Target: ARFF Research Facility data collection and monitoring systems

Startup and calibrate new ARFF Research Facility's data collection and monitoring systems.

Activity: Continue to explore alternative means of supporting EMAS solutions.

Support EMAS maintenance efforts.

FY 2020 ARP Business Plan



Target: EMAS inspection, maintenance, and recording keeping best practices

Develop common inspection, maintenance, and record keeping practices for maintaining EMAS.

Target: EMAS Pilot Education

Explore ways to educate pilots on EMAS.

Activity: Conduct Paint Durability Field Study at an airport in a hot-humid climate

Test paint durability

Target: Test Deck install

Select an airport and install Test Deck for paint durability field study.

Target: Paint Markings performance assessment

Conduct monthly measurements of paint markings performance.

Activity: Evaluate Solar Power for selected lighting systems at airports

Evaluate using solar power for various airport lighting systems.

Target: Instrument Solar Powered Lighting equipment installation

Install and begin collection of performance data on various instrument solar powered lighting equipment such as Medium Intensity Runway Lights (MIRL), taxiway lights, obstruction lights, signs, wind cones, elevated runway guard lights (ERGLs), and wireless controllers at one GA airport with specific radiant and environmental conditions.

Target: Solar Power evaluation report

Provide first year report evaluating solar power for various airport lighting systems.

Activity: Evaluate use of Geosynthetics in Pavement Structures

Determine effectiveness of geosynthetics in pavement structures.

Target: Geosynthetics Sections testing

Conduct full scale testing of geosynthetics sections at the National Airport Test Facility beginning first quarter of FY20 and continuing until pavement sections fail.

Target: Geosynthetics effectiveness report

Provide report on first year testing of geosynthetics effectiveness.

Accountability

Serve the Nation with Reduced Regulatory Burden and Greater Efficiency, Effectiveness and Accountability.

Regulatory Reform

FY 2020 ARP Business Plan



Reduce current regulatory burdens and bureaucracy to ensure a safe, efficient, accessible, and convenient transportation system for people and commerce.

Initiative: Environmental Streamlining and Process Efficiencies

Develop a plan to further streamline existing environmental review requirements to support airport development.

Activity: Evaluate Potential Process Efficiencies Including New or Revised Categorical Exclusions

Evaluate ways to streamline or improve the environmental review process including training and guidance on National Environmental Policy Act (NEPA) Categorical Exclusions (CATEX).

Target: ARP CATEX Standard Operating Procedure (SOP) Review

Review the ARP CATEX Standard Operating Procedure (SOP) to ensure it includes adequate information on NEPA efficiency and maximizing CATEX use. If not, initiate a focused update to the document.

Target: Categorical Exclusions Training

Develop draft training for the Regions and ADOs on maximizing application of Categorical Exclusions.

Target: CATEX SOP Update

If an update is required, prepare a draft CATEX SOP update in collaboration with select Regions and ADOs.

Target: National Environmental Policy Act (NEPA) Categorical Exclusions (CATEX) Training

Conduct training during an FY 2020 National Environmental Telecon or Recurrent Environmental Training.

Initiative: Grant Obligations Regulatory Burden Reduction

Review existing Grant Obligations and evaluate opportunities to reduce regulatory burden while protecting the Federal investment in the National Airport System.

Activity: Reduce burdensome forms and reports not required by statute

Reduce the administrative burden on NPIAS airports that receive AIP funding.

Target: Data Collection Form Consolidation

Develop a plan to implement the accepted data collection form recommendations developed by the Reducing Administrative Burdens Team in FY2019.

Activity: Simplify data collection through automation

Determine which statutory reporting requirements of airport sponsors can be integrated through automation.

FY 2020 ARP Business Plan



Target: Report Automation

Develop a plan to implement the accepted report automation recommendations using existing programs developed by the Reducing Administrative Burdens Team.

Activity: Reduction in Grant Assurances

Review all the Airport Improvement Program Grant Assurances, and determine the root nature for the development of the assurances (statute, FAA policy, etc.). Using this information, develop potential changes to FAA Order 5190.6B - Airport Compliance Manual, to reduce or eliminate the regulatory burden of the assurances while still protecting the federal investment on in the NAS.

Target: Continual Review of Grant Assurances

Continue the review of the assurances and identify those where regulatory burden could be reduced by legislative action revising or eliminating the assurance. Identify assurances that need clarification.

Target: Revenue Use Policy Industry Listening Sessions

Conduct Industry listening sessions on potential changes to the Revenue Use Policy.

Target: Revenue Use Policy Study

Complete study and recommendations for potential changes to the revenue use policy.

Target: Unclassified Airports Draft Guidance Development

ACO will work with APP and develop a strategy to address Unclassified Airports that want to be released from obligations and/or close.

Initiative: Grant Administration Improvements

Make changes to the grant administration process, at headquarters and in the field, to increase efficiency by reducing redundancies, applying risk based decision-making, eliminating procedural barriers, and eliminating outdated requirements.

Activity: Grant Administration Efficiency

Evaluate and implement, as appropriate, the efficiency recommendations developed by the Grant Efficiency Focus (GEF) team in FY18.

Target: Implement Grant Review Checklist

Implement the Airport Improvement Program Office (APP-520) Grant Review Checklist in all regions and ADOs.

Target: Grant Document Index Automation

Initiate the automation of the grant document index in SOAR through the Grant Module Transformation process.

FY 2020 ARP Business Plan



Initiative: EEO/Diversity and Inclusion Action Committee (EAC)

Utilize the EEO Action Committee (EAC) to collaborate and support a diverse and inclusive workplace with existing employee workgroups, LOBs/SO, to create an inclusive work environment.

Activity: ARP Ensure a Diverse and Inclusive Workforce

- ARP will complete activities that will foster a diverse and inclusive workplace and improve the Reasonable Accommodation interactive process.
- Assist in development of a diverse workforce at all levels. Increase the representation of Persons with Targeted Disabilities (PWTD), Hispanics, and Women in the workforce as compared to the civilian labor workforce (CLF).
- Provide EEO training to managers and employees.
- Managers engage in the mediation/facilitation process.

Target: Reasonable Accommodations

Ensure 90% of ARP reasonable accommodation requests are processed within 25 business days or less.

Target: Improve Participation/Outreach

Develop strategies to improve the representation of Persons with Targeted Disabilities (PWTD), Hispanics, and Women by providing resources and data analysis to LOB/SOs to increase the workforce as compared to the civilian labor workforce (CLF) and/or MD-715, Part J). These strategies will address hiring, training, career progression opportunities and will be deployed and tracked through the EAC Workgroups.

Target: EEO Training

Monitor the delivery of EEO training to 70% of ARP managers and 20% of ARP employees.

Target: Mediation

Ensure that 75% of all ARP managers engage in mediation when requested by employees.

Mission Efficiency and Support

Support mission requirements by efficiency and effectively planning for and managing human capital, finances, procurement, sustainable operations, information technology, emergency preparedness, and other mission support services.

Initiative: Contracting Opportunities for Small Businesses

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.

FY 2020 ARP Business Plan



Activity: Contracting with Small Businesses

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.

Target: ARP - Support ACQ's Small Business efforts

Support ACQ's efforts to ensure 25% of the Agency's total direct procurement dollars are awarded to small businesses.

Initiative: AIT Key Operational and Project Management Activities

This initiative represents key activities and projects performed by AIT which are not clearly aligned under other AFN Initiatives and serves as a repository for short term incentives for AIT Executives.

Initiative: Workforce Transformation

Manage talent through recruitment, training, retention and awards programs.

Activity: Workforce Training

To build an Airports workforce that is prepared for the future, ARP will explore and promote technical training, leadership development (e.g., Program for Emerging Leaders, Airport Leadership Development Program, etc.) and other opportunities for employees to grow and progress in their career.

Target: Technical Training Development for Civil Engineers

Begin the development of technical training for ARP Engineers.

Target: Best Practices for Onboarding Employees

Develop best practices for onboarding new employees which may include mentoring and training.

Activity: Outreach and Education on Illegal Charters

Develop an educational/outreach program on illegal charters which will include the FAA inspectors, airport managers, aviation users and the traveling public.

Target: Regional Conferences on Illegal Charters

FAA will work with NASAO and aviation industry groups to participate in a series of conferences across the country to highlight the problems of illegal charters.

Target: Distribution of outreach/educational materials on Illegal Charters

FAA will continue to add to and refine the outreach/educational materials published on the home page of the FAA website and internal website pages, and disseminated through social media, to expand the distribution of educational information on illegal charters.

FY 2020 ARP Business Plan



Target: Comprehensive outreach strategy development

FAA will meet with NATA, AAAE, NBAA and other partners to develop a comprehensive outreach strategy to educate the FAA inspectors, traveling public, airport managers and airport users about the risks associated with illegal charters, and to provide guidance on ways of identifying and avoiding illegal charter operations. The strategy could include webinars, identifying strategic opportunities – including events that attract lots of charter operators, such as the Super Bowl - to promote our shared safety message, and social media messages from key FAA leaders. AOC will work to heavily promote enforcement actions against illegal charter operators.

Initiative: Airport Employee Engagement

Develop strategies to improve communication between headquarters, regions and field offices, and between managers and employees.

Activity: Employee Satisfaction

ARP will analyze the results of the most recent FedView Employee Survey and develop strategies to improve employee satisfaction and communication between employees and managers across all levels of the organization.

Target: FedView Survey Action Plan Development and Implementation

Develop and Implement a FedView Survey Action Plan within 90 days of receiving the results.

Activity: Knowledge Sharing

ARP will develop a program that allows employees to work or shadow at other levels (ADO, region, headquarters) and other regions in order to share knowledge, cross-train, and improve communication between the offices.

Target: Cross Training Pilot Program

Develop a pilot program for implementation of cross training.

Target: Senior Executive Shadowing Program

Establish a team to evaluate the feasibility of an ARP shadowing program of senior executives to improve employee understanding of key roles.

Activity: STEM AVSED Outreach

ARP will support the FAA's Global leadership in aviation by encouraging students to advance their skills in Science, Technology, Engineering and Math, Aviation and Space Education (STEM AVSED) – critical for our strategic position and economic well-being.

Target: STEM AVSED Participation

Conduct outreach activities to encourage the next generation of students to choose a field in STEM AVSED.