



FAA Alaska Aviation Safety Initiative (FAASI)

We Will Begin Shortly



**Federal Aviation
Administration**

Welcome

- Jacki Holzman – Deputy Regional Administrator, Alaskan Region
- Shelly Larson – Regional Administrator, Alaskan Region (A)

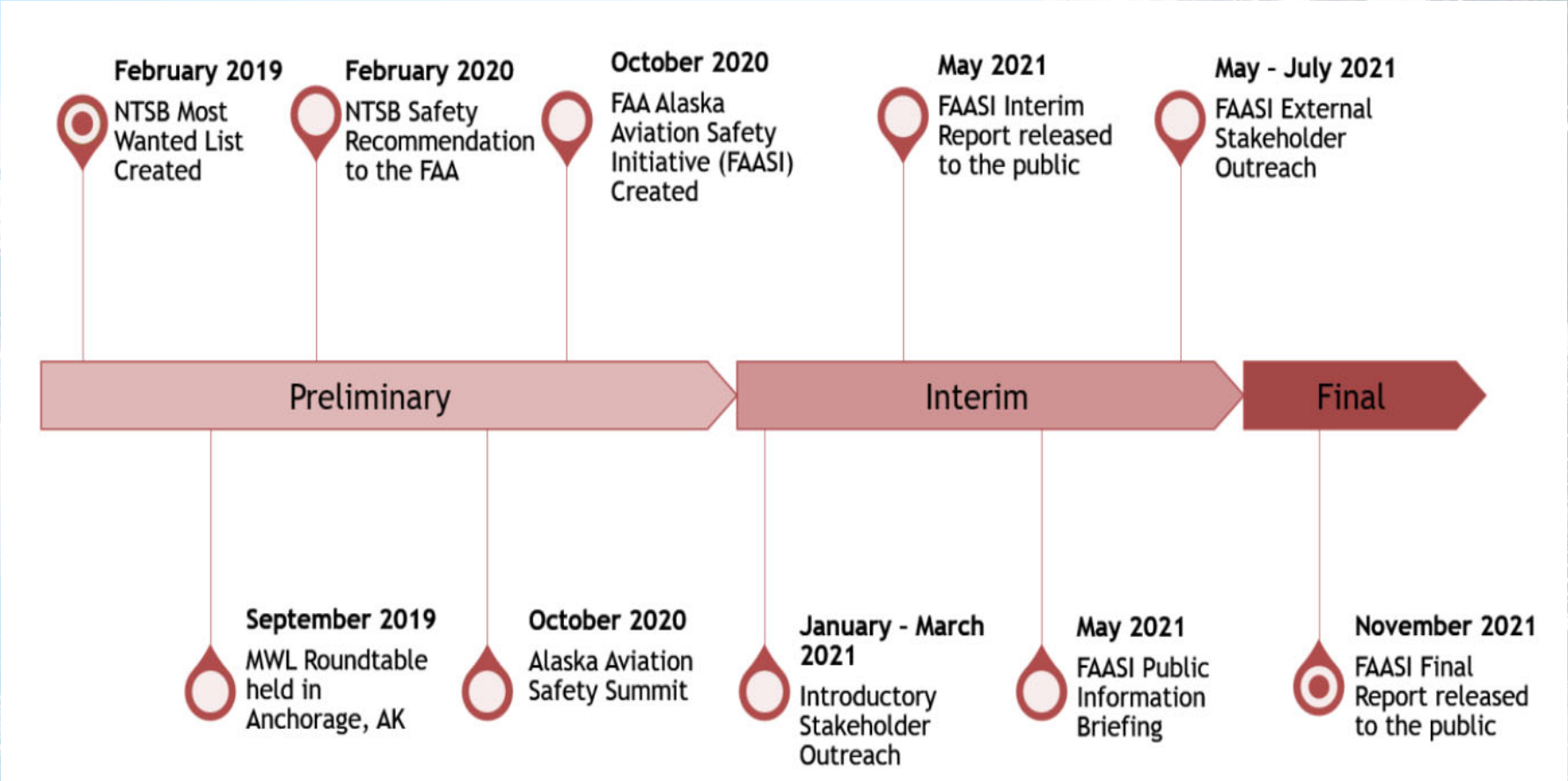


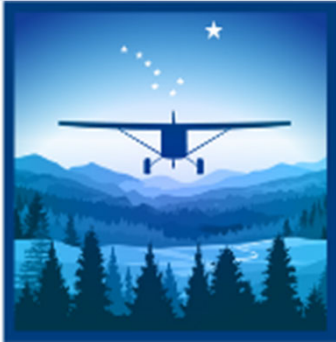
Introduction and Housekeeping

- Safety is our north star
- Safety as a partnership
 - NTSB Roundtable September 2019
 - Transparency is a priority
- Q&A



History and Deliverables





FAA Alaska Aviation Safety Initiative (FAASI)

ATO Highlights, Challenges, and Opportunities

Presented by:

Clark Desing, Director, Western Service Center

Takashi Nelson, Senior Advisor, Western Service Area

JoAnn Tinmisuun Ford, Senior Technical Advisor



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ATO Efforts/Projects

- Current defined “on-going”
- Planned defined as “planned and funded, but not started”
- Current/planned projects grouped by:

Weather

7

Infrastructure:

23

- Communications (7)
- Navigation (9)
- Surveillance (4)
- Other (3)

Operations Safety Management

17

21 Current

26 Planned



ATO Efforts/Projects

- Mountain Pass Waypoint Charting Workgroup
- Alaska Chart Supplement Workgroup
- T-routes Workgroup



Air Traffic Services Efforts/Projects

En Route Automation Modernization (ERAM):

- Planning to replace Microprocessor En Route Automated Radar Tracking System (MEARTS) and Flight Data Processing System (FDPS) at Anchorage Air Route Traffic Control Center (ARTCC) in the 2025-2026 timeframe
- These aging systems are expensive to maintain and slow to update
- ERAM provides numerous enhancement features not available on MEARTS and FDPS
- At present, four air traffic control facilities use MEARTS and only Anchorage ARTCC uses FDPS



Communications Programs

- Alaskan Satellite Telecommunications Infrastructure (ASTI) Modernization
- Special Use Airspace Information Service (SUAIS)
- Remote Communication Outlets/Remote Transmitter Receivers (RCO/RCR) Technical refresh by 2026
- Communication gap mitigation
- Alaskan Automation Capability (AAC) to address telecommunication infrastructure bandwidth limitations



Navigation Programs

- Wide Area Augmentation System (WAAS)-based
 - Localizer Performance/Localizer Performance with Vertical Guidance (LP/LPV) approaches in Alaska
 - WAAS avionics installation in large air carrier aircraft
- Distance Measuring Equipment/Very High Frequency Omnidirectional Range/Tactical Aircraft Control & Navigation (DME/VOR/TACAN) Program
- Galena VOR
- Visual guidance NAVAIDs improvements
 - Replace 23 Visual Approach Slope Indicator (VASI) systems with Precision Approach Path Indicator (PAPI)



Surveillance Programs

- Flight Information Services-Broadcast (FIS-B) products
- Airport Surface Surveillance Capability (ASSC) at Ted Stevens Anchorage International Airport
- Enhanced Special Reporting Service (eSRS) to expedite search and rescue operations in Alaska
- New ADS-B installations being considered which would supply additional coverage within five areas



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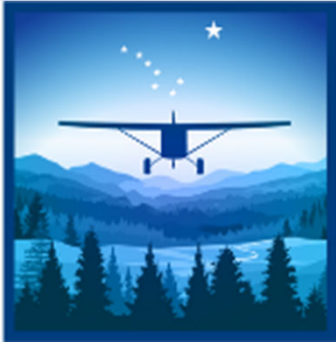
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Operations Safety Management 17

21 Current

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FAA Alaska Aviation Safety Initiative (FAASI)

ARP Highlights, Challenges, and Opportunities

Presented by:

Kristi Warden, Director, Airports Division, Alaskan Region

Rodney Clark, Deputy Director, Airports Division, Alaskan Region



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Alaskan Region Airports Division

Federal funding available for public use airports

- AIP (Airport Improvement Program)
- CARES Act (Coronavirus Aid, Relief, and Economic Security Act)
- CRRSAA (Coronavirus Response and Relief Supplemental Appropriations Act, 2021)
- ARPA (American Rescue Plan Act)



Alaskan Region Airports Division

AIP funding provides grants to airport sponsors for the planning and development of public use airports that are included in the National Plan of Integrated Airport Systems (NPIAS) and is typically used for:

- Pavement and unpaved projects: runway and taxiway surface rehabilitation, reconstruction, and maintenance
- Airfield lighting, signage, and marking
- Aircraft parking surfaces
- Obstruction removal
- Many other development initiatives, including acquisition and installation of Automated Weather Observing Systems (AWOS)



Alaskan Region Airports Division

14 CFR Part 139, Certification of Airports

- Alaska – regulation applies to airports served by air carrier aircraft certificated for 31 or more passenger seats
- 26 certificated airports in Alaska



Alaskan Region Airports Division

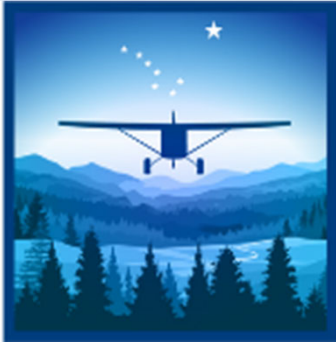
AWOS Initiative – FAA Purchase

- FAA Reauthorization Act of 2018; Sec. 553

AWOS Initiative – FAA Take-over

- FAA Reauthorization Act of 2018; Sec. 147





FAA Alaska Aviation Safety Initiative (FAASI)

AVS Highlights, Challenges, and Opportunities

Presented by: Karen Gattis, Aviation Safety Division Manager, General Aviation Safety Assurance



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AVS Efforts/Projects

- AVS Efforts/Projects: completed, current, planned
- All AVS Efforts/Projects located in Inventory Section
- Current and Planned Efforts/Projects also in main body of report.

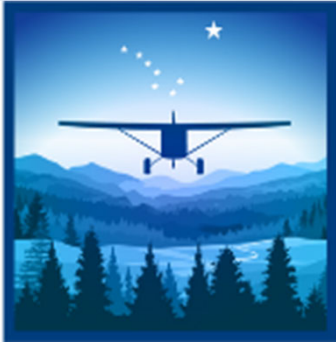
**19 AVS Completed Efforts/ 5 Ongoing
Project in inventory**



FAASI AVS Summary

- Delivery of aviation services in Alaska requires the FAA to develop and implement unique solutions
- Primary focus is aviation safety and reducing risk
- Continue planning efforts on providing updated guidance to policy and authorizations in regards to equipment requirements
- AVS is invested in FAASI and collaborating with aviation stakeholders to improve aviation safety in Alaska





FAA Alaska Aviation Safety Initiative (FAASI)

Next Steps – Stakeholder Outreach Engagement Plan

Presented by:

Howard Martin, Regional Counsel, Alaskan Region

**Justin Biassou, Community Engagement Officer, Alaskan & Northwest
Mountain Regions**



**Federal Aviation
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FAASI Next Steps

- Interim report Released – April 2021
- Engage Stakeholders – May 2021
- Develop and finalize final report – September 2021
- Continual stakeholder engagement



FAASI Team

AAL

- Regional Administrator Office
- Community Engagement

AGC

- Regional Counsel

AVS

- General Aviation Safety Standards
- Air Carrier Safety Standards
- Technical Standards
- Aircraft Certification

ARP

- Airports Division

ATO

- Western Service Center
- Flight Procedures
- Flight Services
- Technical Operations
- Runway Safety Program
- Weather Camera Program

ATO

- Surveillance Broadcast Services
- Aeronautical Charting
- Navigation Programs
- Air Traffic
- Planning & Requirements
- Operations Support

New Members

- ASH – AXH
- ANG - NAS Enterprise Analysis



Individual Stakeholder Meeting Sign-up



FAA
FAASI Individual Stakeholder Engagement Sign-Up

Please review the available slots below and click on the button to sign up. Thank you!

Created by: FAA Alaskan Region

Date (mm/dd/yyyy AKDT)	Available Slot	
05/18/2021 (Tue. 1:00pm - 2:30pm)	FAASI Team Availability	Sign Up
05/20/2021 (Thu. 10:00am - 11:30am)	FAASI Team Availability	Sign Up
05/25/2021 (Tue. 1:00pm - 2:30pm)	FAASI Team Availability	Sign Up
05/27/2021 (Thu. 10:00am - 11:30am)	FAASI Team Availability	Sign Up
06/01/2021	FAASI Team Availability	Sign Up

[Submit and Sign Up](#)

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[← Back to FAASI Individual Stakeholder Engagement Sign-Up](#)

Sign Me Up

Sign me up for:

Available Slot	Date (mm/dd/yyyy - AKDT)	Area of focus for requested meeting	Quantity
FAASI Team Availability	Tue., 05/18/2021 1:00pm - 2:30pm	<input type="text"/>	1

<https://www.faa.gov/go/faasi>



FAASI Q&A



Closing remarks

- Jacki Holzman, Deputy Regional Administrator – Alaskan Region
- Shelly Larson, Interim Regional Administrator – Alaskan Region (A)

