FAA Update

Presented to:  Minnesota Airports Conference
By: FAA
Date: April 20, 2016
FAA Mission

To provide the safest, most efficient aerospace system in the world

Safety oversight of approximately **5,000 aircraft** in the air over the U.S. at any given time.

Approximately 44,994 employees nationwide
Legislation:

FAA Reauthorization

Annual Appropriation

Sequester
<table>
<thead>
<tr>
<th>FAA Strategic Initiatives:</th>
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<tbody>
<tr>
<td>Make Aviation Safer and Smarter</td>
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<tr>
<td>Deliver Benefits through Technology &amp; Infrastructure</td>
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<tr>
<td>Enhance Global Leadership</td>
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<tr>
<td>Empower and Innovate with FAA's people</td>
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</table>
Next Generation Air Transportation System

- Satellite Surveillance (ADS-B)
- Performance Based Navigation
- Data Communications
- NextGen Advisory Committee Priorities
New Entrants into the National Airspace System

Commercial Space

UAS
COMMERCIAL SPACE TRANSPORTATION

“...To ensure protection of the public, property, and the national security and foreign policy interests of the United States during commercial launch or reentry activities.”

“...To encourage, facilitate, and promote U.S. commercial space transportation.
# UAS RULES

<table>
<thead>
<tr>
<th>MODEL UAS</th>
<th>REGISTRATION</th>
<th>SMALL UAS</th>
<th>MICRO UAS</th>
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Federal Aviation Administration
UAS: Getting to Integration

Today
- Accommodation

Mid-term
- Transition to NAS Integration

Long-term
- Integration into the NextGen NAS
Technical Operations
Minneapolis District Organization

District Manager
Greg Ingraham
612-713-4111

Northern Michigan/Minnesota Group Technical Operations Manager
Joe Potter
612-713-4112

Central Minnesota Systems Support Center
Lance Sheller, Acting Manager
612-713-4112

Marquette System Support Center
Martin Clark, Manager
906-486-4026

Minnesota Environmental System Support Center
Robert Alexander, Manager
612-713-4180

Minnesota Radar System Support Center
Victoria Weaver, Manager
612-755-4113

Northern Minnesota System Support Center
Robert Lender, Acting Manager
218-727-2826

Southeast Minnesota System Support Center
Kevin Nagel, Manager
651-312-8871
System Support Center - SSC

**SSC Responsibility:**

- Maintain facilities in the field (ILSs, ATCT, Radar, Communication and Environmental Systems).

- SSC personnel/manager should have ongoing communication with Airport Managers. This information sharing on runway shutdown, Airport/FAA projects and facilities shutdowns aid in better customer service.

- Mid States Operations Control Center (MOCC) 1-866-432-2622. Great resource for NOTAMS questions and Equipment outages info and/or escalation.
ADO Presentation Topics

• ADO Staff Update & Introduction
• AGIS Applications in FY2016
• TALPA – Winter Operations

• FAA Re-authorization & FY 2016 Program
• Grants Management & Previous Years Funding
• SOP’s and associated tools
• Important dates
DMA Organizational Chart

<table>
<thead>
<tr>
<th>Position</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Administration</td>
<td>3</td>
</tr>
<tr>
<td>Program Assistant</td>
<td>2</td>
</tr>
<tr>
<td>Civil Engineer/PM</td>
<td>12</td>
</tr>
<tr>
<td>Environmental Protection Specialist</td>
<td>2</td>
</tr>
<tr>
<td>Community Planner</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>21</td>
</tr>
</tbody>
</table>

Airports in DMA
208 NPIAS Airports
1-Large Hub
(MSP 15,943,878)
2 Small Hub
(FSD 453,007)
(FAR 369,968)
New Assignments

Jake Martin
PFC MN Airports (except MAC)
AGIS Applications in FY2016

• Surface Analysis and Visualization Tool is the quickest way to analyze and mitigate obstacles identified on your airport.
• 20:1 Surface Visualization
• Obstacles Data Visualization and Validation
• Obstructions Risk Identification and Visualization
• Measurement of Penetrations
• Penetrations Report
• Mitigation Coordination
• Obstacle Mitigation Plan
What about AGIS in the years ahead?

• AGIS has a direct connection to the implementation of NextGen. AGIS data is the foundation for the redevelopment of the National Aerospace System.

• AGIS data supports NextGen airport and airspace modernization initiatives – enabling airport data sharing across all Agency lines of business (LOBs).
TALPA Origin

- **Excursion at Midway Dec 2005**
- **Deficiencies addressed included:**
  - Landing distance assessment at time of arrival
  - Accounting for contaminated runways at the time of takeoff
  - Reporting standardization and tools for the operators
- **FAA formed Aviation Rulemaking Committee**
  - Airplane Manufacturers - Airplane Operators
  - Regulatory Authorities - Airport Operators
  - Other Organizations
- **Recommendations provided to FAA in 2009**
Implementation Actions

- Update/develop various Advisory Circulars and other guidance documents
- Develop/test software changes to the NOTAM system
- Industry outreach
- Training for employees and operators
- Operational Oct 2016
Status of FAA Re-Authorization

Aviation Innovation, Reform, and Reauthorization (AIRR) Act

- Public Law 114-141: Congress passed an extension of FAA Reauthorization through July 15, 2016 and on March 30, 2016, the President signed the extension into law.

- This additional extension provides FAA the authority to collect aviation taxes for deposit into the Airport and Airway Trust Fund, and to expend money from the Trust Fund through July 15, 2016.

- The extension allows the FAA to issue new grants through July 15, 2016.

- Our ADO is working with airport sponsors to complete all remaining pre-grant requirements, including all procurement actions and the supporting grant application documentation.
FY 16 Highlights (Part A & Part B)

- The **Part A Extension** also provides FAA contract authority to obligate new grants from $1.675 billion, or **49%** of the $3.35 billion. Approximately 49% of entitlements funds will be available, along with limited discretionary funds.

- The **Part B Extension** now provides an additional **30%** of entitlement funds for a total of 79% of total available entitlements through July 15th.

- The Consolidated Appropriations Act of 2016 will keep the rest of FAA offices open and running through September 30, 2016.
FY2016 Entitlement Funding – AIP Federal Register Notice

- **April 15th**: The Federal Register Notice for the deadline for notification of intent to use AIP entitlement funds was published.
- **May 2nd**: The deadline for each airport sponsor to notify the FAA whether or not they will use its fiscal year 2016 entitlement funds.
- **June 17th**: The deadline for sponsor’s to notify the ADO of intent to submit a grant application.
  - This notice must address all entitlement funds available for fiscal year 2016 including those entitlement funds including prior years funds.
- **After July 1, 2016**, the FAA will carry-over the remainder of currently available entitlement funds.
Number of Airport by AGL State
(640 in AGL Total)
AGL Funding By Work Code FY15

- Runways, 40%
- State Block Grant, 15%
- Taxiways, 14%
- Aprons, 6%
- New Airport, 5%
- Noise, 3%
- Lighting/Signs, 1%
- Building, Other, 1%
- Land, 1%
- Roadways, 1%
- Equipment, 3%
- Other, 1%
- Planning, 3%
- Environmental, 2%
DMA ADO Funding By Work Code FY15
AIP Funding in FY2015
ALL DMA Grants

<table>
<thead>
<tr>
<th>State</th>
<th>Discretionary</th>
<th>Entitlements</th>
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</thead>
<tbody>
<tr>
<td>MN</td>
<td>$21.1</td>
<td>$33.0</td>
</tr>
<tr>
<td>ND</td>
<td>$43.1</td>
<td>$20.9</td>
</tr>
<tr>
<td>SD</td>
<td>$3.5</td>
<td>$17.0</td>
</tr>
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FY 2015 New Proposed Commercial Service Airport in Williston, ND
$27M for Land Acquisition
$43.1M - $27M = $16.1M
Many new grants in Great Lakes-Good!
Financial Stewardship is key going forward
## Types of Grants Programmed

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<tr>
<th></th>
<th>CHI</th>
<th>DET</th>
<th>DMA</th>
<th>TOTAL</th>
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<tbody>
<tr>
<td>Initial (New)</td>
<td>119</td>
<td>84</td>
<td>139</td>
<td>342</td>
</tr>
<tr>
<td>Amended</td>
<td>3</td>
<td>2</td>
<td>8</td>
<td>13</td>
</tr>
<tr>
<td>Closed</td>
<td>55</td>
<td>78</td>
<td>150</td>
<td>283</td>
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![Bar chart showing types of grants programmed]
# SOP’s and Associate Tools

http://www.faa.gov/airports/resources/sops/

## Final SOPs

<table>
<thead>
<tr>
<th>SOP No.</th>
<th>Title</th>
<th>Effective Date</th>
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<tbody>
<tr>
<td>1.00</td>
<td>FAA Evaluation of Sponsor's Construction Safety and Phasing Plans Funded by the AIP or PFC Programs (PDF)</td>
<td>Oct. 1, 2013</td>
</tr>
<tr>
<td>2.00</td>
<td>Standard Procedure for FAA Review and Approval of Airport Layout Plans (ALPs) (PDF)</td>
<td>Oct. 1, 2013</td>
</tr>
<tr>
<td>5.00</td>
<td>Standard Operating Procedure for CATEX Determinations (PDF) (updated 12-11-2014)</td>
<td>Oct. 1, 2014</td>
</tr>
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## SOP Tools

<table>
<thead>
<tr>
<th>Tool</th>
<th>Related SOP</th>
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<tbody>
<tr>
<td>Construction Safety Phasing Plan Checklist (MS Word)</td>
<td>1.00</td>
</tr>
<tr>
<td>Implementation Plan for FAA Review of Construction Plans and Specifications for AIP Funded Projects (PDF)</td>
<td>1.00</td>
</tr>
<tr>
<td>ALP Approval Letters Template (MS Word)</td>
<td>2.00</td>
</tr>
<tr>
<td>ALP Review Checklist (MS Word)</td>
<td>2.00</td>
</tr>
<tr>
<td>Exhibit A Checklist (MS Word)</td>
<td>3.00</td>
</tr>
<tr>
<td>Documented CATEX Form (MS Word)</td>
<td>5.00</td>
</tr>
<tr>
<td>AIP Grant Application Checklist</td>
<td>6.00</td>
</tr>
<tr>
<td>Runway Safety Area Inventory for Non-Certificated Airports (MS Word)</td>
<td>8.00</td>
</tr>
<tr>
<td>RSA Determination Form (MS Word)</td>
<td>8.00</td>
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The SOP checklists and tools are fillable.
Great Lakes Chapter AAAE Operations and Maintenance Conference

• Held November 8-10, 2015 in Rosemont IL
• Supported by AGL Airports Division, including Division, Safety Branch and ADO managers
• There were approximately 200 attendees
• Visit [http://glcaaae.org/events/annual-conference/](http://glcaaae.org/events/annual-conference/) to view topics covered

• This year's O & M conference is scheduled for October 23-25, 2016
Questions?

Please do not hesitate to find us during the remainder of our time here or give us a call

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