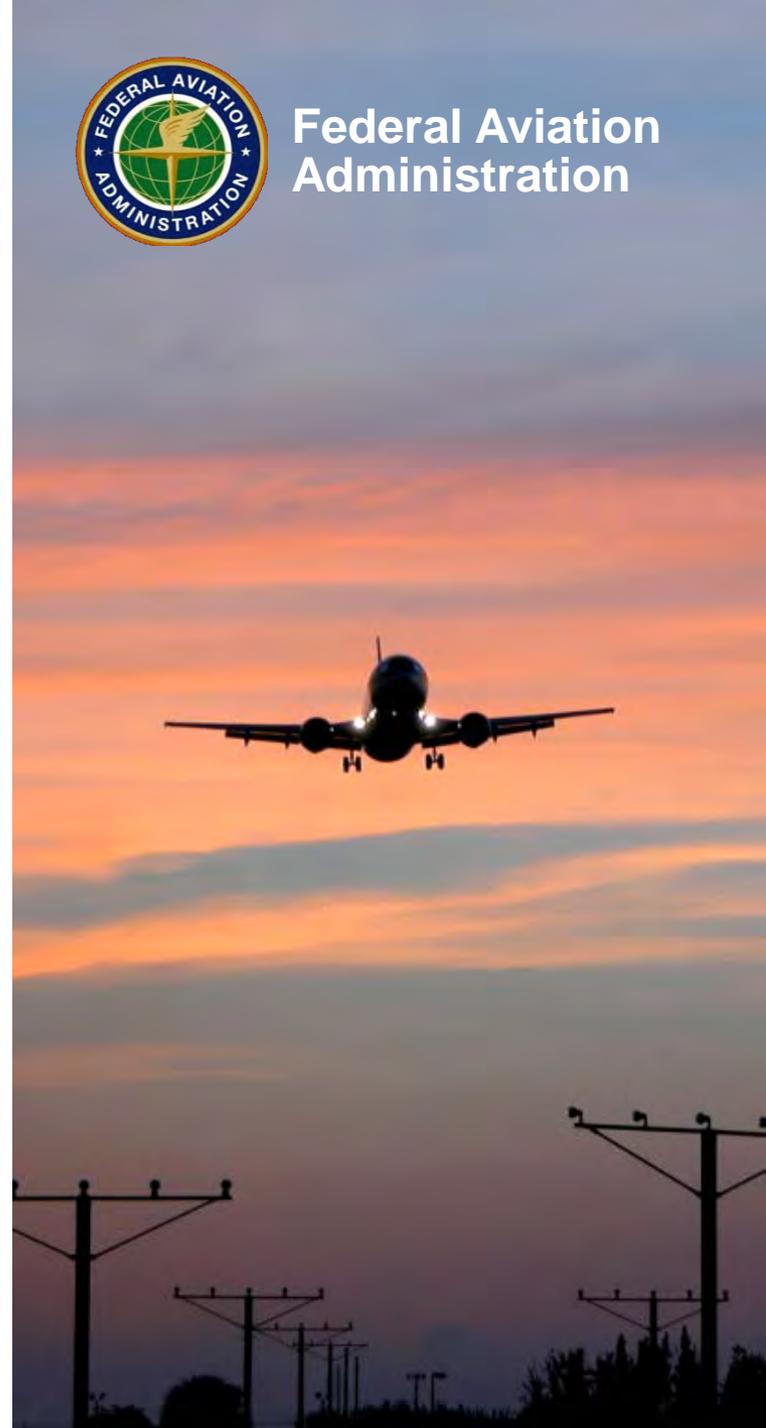


Airport Safety & Part 139 Update

Sue Mowery-Schalk
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Airports Division Manager
Great Lakes Region
February 20, 2014



Federal Aviation
Administration



Top Safety Initiatives

- **Maintaining safe and serviceable pavement**
- **Meeting design requirements for RSAs**
- **Keeping approaches clear of obstructions**
- **Safety training for airport drivers/employees**
- **Working with FAA to address safety issues**
- **Mitigating wildlife attractants and hazards**
- **Ensuring safety during winter weather**
- **Ensuring safety during construction**
- **Supporting a SMS safety culture**



Maintaining safe and serviceable pavement



Meeting design requirements for RSAs



Keeping approaches clear of obstructions





Airport Obstructions

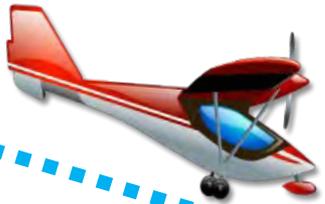


- **Airport Owners Responsibility**
 - Reviewing obstruction surface(s) on a yearly basis for penetrations. Compare findings with ALP.
 - Obligation under Grant Assurances 20 and 21.
 - Requirements under CFR Part 139.331
- **If an obstruction is found, take the following action:**
 - Take immediate action to remove or shorten the obstruction, if possible
 - Notify the appropriate FAA Airports District Office as soon as possible
 - If not possible, notify the FAA Flight Procedures Team for NOTAM action
- **Failure to ensure established approach and departure surfaces are clear could result in:**
 - Higher minima, loss of an approach(es), loss of night operations



Risk Level Categories

RISK CATEGORIES	Obstacle Penetrates 20:1 by:	Verification Timelines	IAP Restrictions if 20:1 are valid	Compliance Plan Timelines
HIGH	More than 11 feet	Not to exceed 30 days	Immediately restrict IAP visibility and If unlighted restrict night operations (e.g., using a Notice to Airmen (NOTAM) or a Procedure Amendment	IAP Restrictions will remain until penetration(s) are mitigated
MEDIUM	More than 3 feet and up to 11 feet	Not to exceed 30 days	No immediate action	30 days for Compliance Plan & 180 days to light, lower, or remove
LOW	3 feet or less	Not to exceed 30 days	No immediate action	30 days for Compliance Plan & 1 year to light, lower, or remove



9-FEET

20:1 TERPS Surface



Airport Sponsor's Proactive Approach

https://www.faa.gov/air_traffic/flight_info/aeronav/procedures/reports/

The screenshot shows the FAA website's 'Air Traffic' section. The main heading is 'IFP Announcements and Reports'. Below the heading, there are links for 'Print' and 'Subscribe'. A paragraph describes a study by the Flight Safety Foundation, Inc. to identify and cancel underutilized or redundant instrument approach procedures. A link is provided for the 'Study to Identify and Ultimately Cancel Underutilized or Redundant IAPs (PDF)'. Below this, a table provides announcements and reports related to new Instrument Approach Procedure (IAP) development in the National Airspace System (NAS). The table has two columns: 'Title' and 'Date Added'. The table contains three rows of data. A blue arrow points to the 'Optimization of Airspace & Procedures in the Metropolitan Area (OAP-M)' link in the left sidebar.

IFP Announcements and Reports

The Flight Safety Foundation, Inc. conducted a study to research and develop a process to identify and ultimately cancel underutilized or redundant instrument approach procedures. The FAA has used the information from this study to establish criteria to use when selecting procedures for proposed cancellation.

- [Study to Identify and Ultimately Cancel Underutilized or Redundant IAPs \(PDF\)](#)

The table below provides announcements and reports related to new Instrument Approach Procedure (IAP) development in the National Airspace System (NAS).

IFP Announcements/Reports Table

Title	Date Added
Use of Third Party Developers for RNP Procedures (PDF)	Nov. 30, 2012
Instrument Procedures Development System (IPDS) Project Status (PDF)	Jan. 25, 2013
Periodic Review List (MS Excel)	Dec. 31, 2013

Note: To search PDF files use Ctrl F.

Do You Want To... ?

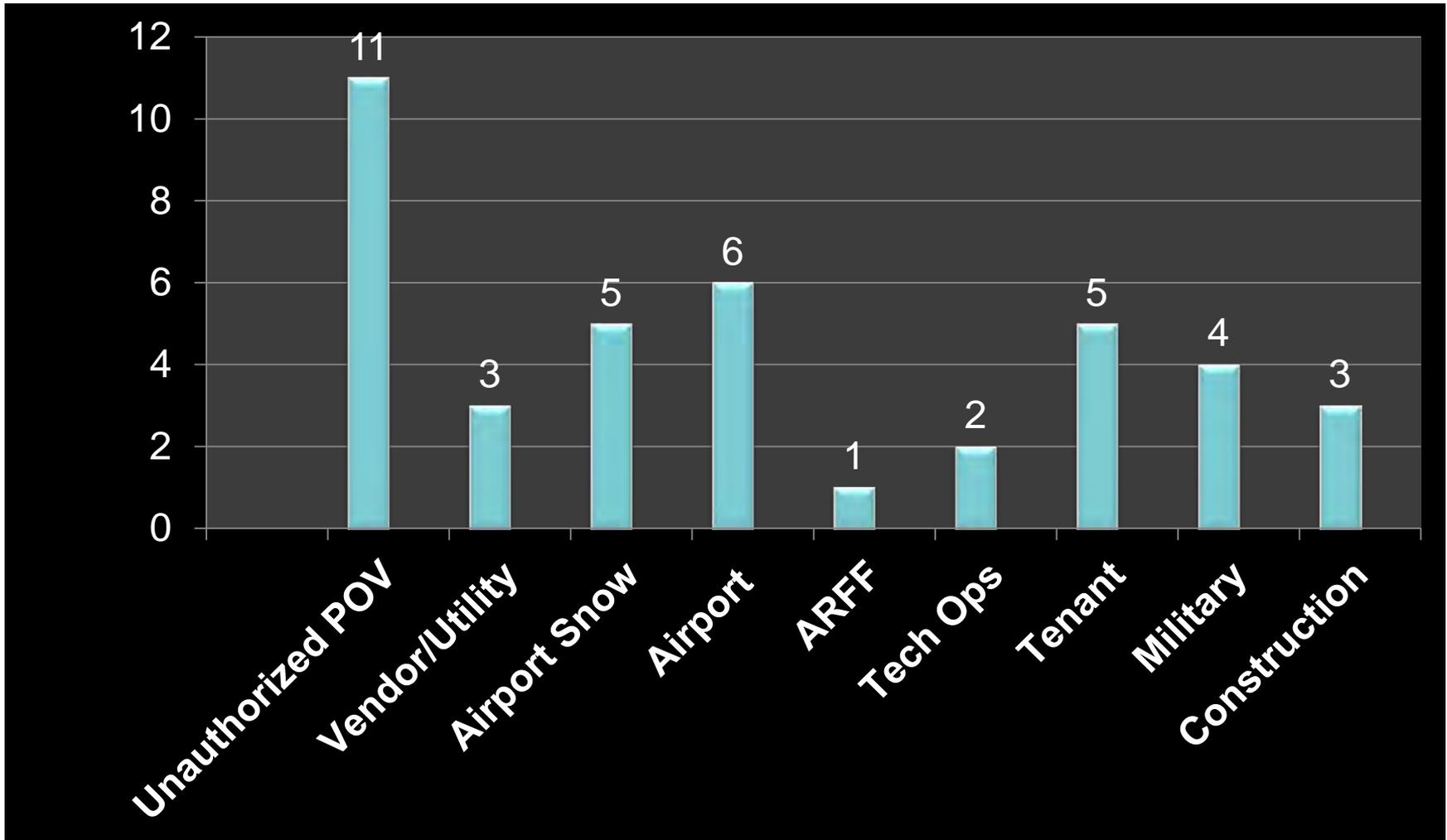
- Check airport status & delays
- Check National Airspace System status
- Become an air traffic controller
- View the Air Traffic Controller Workforce Plan



Safety training for airport drivers/employees



FY-2013 AGL ARP V/PD



FY-13 AGL ARP VPD's by State

	RI	SI
IL	4	1
IN	3	2
MI	6	5
MN	5	1
ND	1	0
OH	6	5
SD	0	1
WI	0	0
Total	25	15

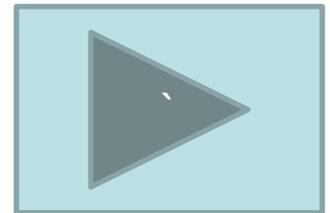
As of 09/30/2013



Working with FAA to address safety issues



Mitigating wildlife hazards and attractants



Strike, Snarge & Safety - Your
Guide to Wildlife Strike Reporting





FAA
Great Lakes Region, Airports Division
Safety Standards Branch

Airport Certification Information Bulletin (ACIB) 2014-02



Subject: Operational Winter Challenges



**Federal Aviation
Administration**

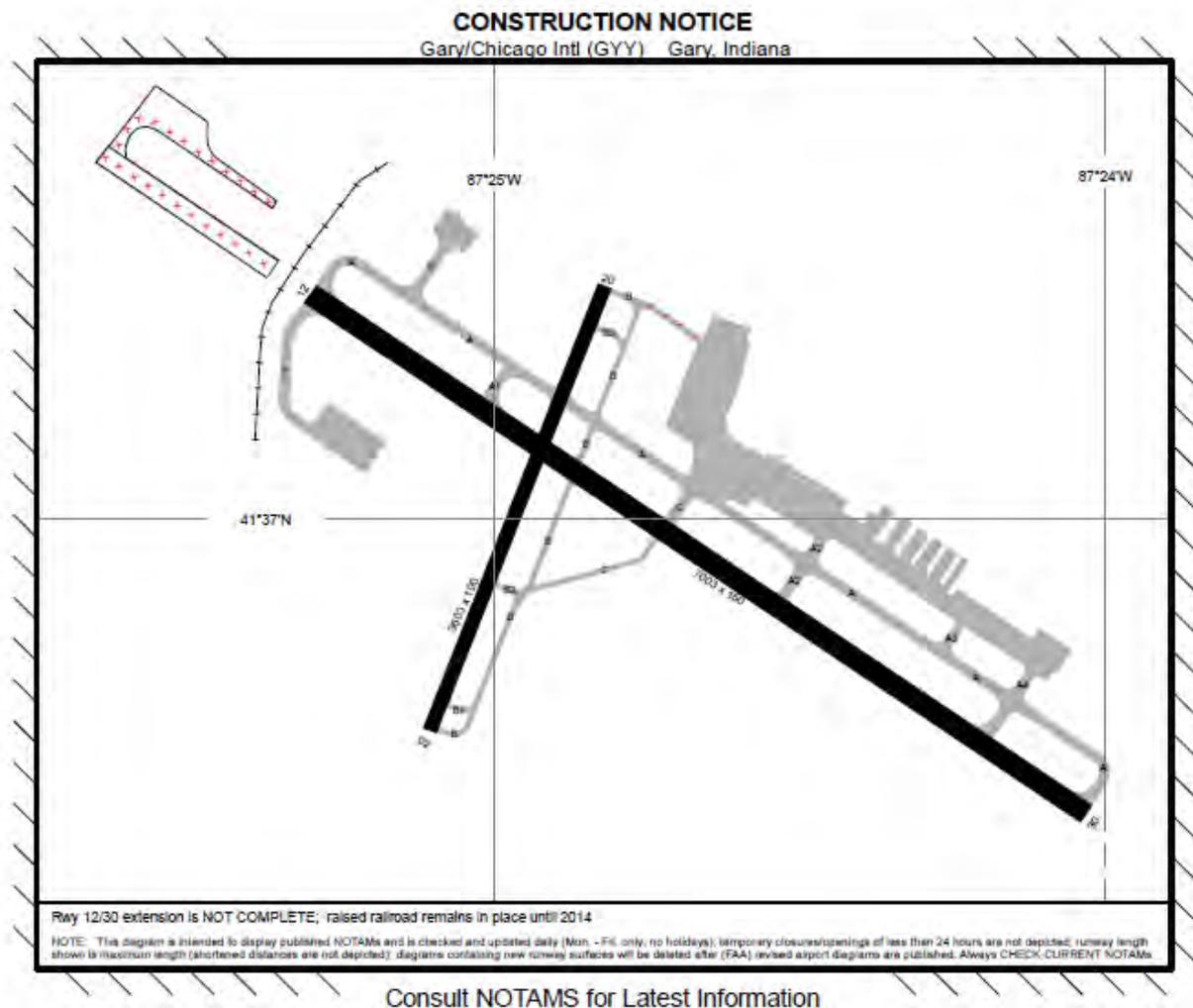
Ensuring safety during construction



Ensuring safety during construction



Ensuring safety during construction



Supporting a SMS safety culture



FAA Airports Safety Management System

FAA Internal SMS Safety Risk Management (SRM) Update

FY 2013 – SRM assessments were performed on 22 Large Hub projects

No SRM Panels (SRMPs) required

Participated in Sponsor-led and ATO-led SRMPs as Subject Matter Experts

Provided Risk Management services to Sponsors

High level data/information analysis, project definition/review



FAA Airports Safety Management System

FAA External SMS Safety Risk Management (SRM) Update

- SMS for Part 139 Certificate Holders (External SMS) statement – posted Jan 4, 2013

FAA Airports is expected to issue a Supplemental NPRM, modifying the proposal for External SMS

- +60-day Comment Period to follow
- +Up to 16 month period for final rule decision



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