Aerial Observation Committee

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Agenda

NASA Aviation Safety Reporting Systems	**Elisa Marfise**
Safety, Incident Reporting, and Shares	**Tom Buchner**
Key Performance Indicators	**All**
Safety Shares	**All**
RP Revisions for Discussion	**All**
FAA Engagement on Waivers	**All**

18 participants

NASA Aviation Safety Reporting Systems   Elisa Marfise

- Database is managed by NASA as an external agency from the FAA and without enforcement action.

- Looking for unsafe occurrences, hazardous situations, and violation

- Gathers from Airline ASAP, ATC ATSAP, Electronic and Paper Submissions

- 95,000 reports submitted in 2022 (56% Air Carrier; 5% ATC; 17% GA)

- Each report reviewed by staff (retired airline pilots) within 5 days of report

- Must file within 10 days of the event, can be waived from violation once every 5 years

- 180 Alert Bulletins in 2022

- FAA/NTSB Telecons (3 topics/mo)

- Callback News Letter 1/mo

- Online Database

- Can search hazards for specific airports to understand common hazards when beginning operations from that base

Safety, Incident Reporting, and Shares

Approx. 30 % of aerial patrol flight hours conducted by HSAC participants

2 events of missing fuel caps in 2022

Safety Shares

Danger of priming engine with throttle (accelerator pump) resulting in carb. fire

Incorrect magneto maintenance

Incorrect Spark Plug Wire attachment discovered during mag check

Discussion on FAA Engagement on Low Altitude Waiver Process and Inconsistencies

Recommended Practice Update

RP 23-01 Tower and Obstruction Hazards (Submitted for HSAC Board Approval)

Revisions For Approval (Submitted for HSAC Board Approval):

2006-02 Preferred Equipment Fit (Added ADS-B)

2006-03 Captain Minimums (Added reference to Ab Initio Training)

2009-01 Pilot/Observer Training (Removed Links, Minor Text Editing)

For Review with Revisions Recommended by Group:

2006-01 Preferred Maintenance Guidelines– significant revisions required

2008-01 Flight Following – significant revisions required

2013-01 Fatigue Management – no significant revisions necessary. Keep as is.