

Aviation Safety Research FY22 Process Update

Presented to: Subcommittee on Aircraft Safety

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**Federal Aviation
Administration**

Background

- **During the FY21 Portfolio development, there was a high level of Management involvement throughout the process, including the Executive Management Team.**
- **A large list of lessons learned were collected, collated, and reviewed by a Management Team in June 2019.**
- **Management determined a redesign of the process was required for the FY22 Cycle.**



Process

- **A Working Group of Managers and R&D Members assembled to redesign the process, using just-in-time development as we move through the FY22 Cycle.**
- **Currently, the Working Group is focused on the beginning steps of the process to allow for the kick-off of drafting proposals:**
 - Developing AVS-1 Guidance;
 - Developing the checklist/criteria/rubric;
 - Developing input template.
- **Next steps after kick-off:**
 - Developing the specifics for prioritizing the proposals;
 - Developing the specifics for programming the budget to produce the draft portfolio.
- **Goal to have an agreed to draft FY22 Portfolio to show at the Winter/Spring SAS Meeting, then dovetail into the full FAA portfolio process.**



Guidance Development

- **Currently, the second draft of the Guidance Document is in progress.**
- **Proposed changes from the previous guidance include:**
 - Creating a more concise document (*e.g. eliminated data charts from the safety teams: CAST, GAJSC, USHST, UAST*);
 - More emphasis on the need to balance emerging and current issues;
 - Emphasis on the need to align with applicable higher level FAA, DOT, Administration guidance, and applicable Congressional direction.
- **Areas not anticipated to change:**
 - Guidance to be distributed by AVS-1;
 - Emphasis on the need to make data-driven, risk-based decisions;
 - Kick-off input for drafting research proposals.



Criteria Development

- **Previous FY21 criteria/rubric covers:**
 - Safety
 - Regulations and Standards
 - Commitments
- **New FY22 Checklist/Criteria/Rubric entails:**
 - Checklist: Must provide reference and explanation of connection to OST/OMB guidance as a minimum requirement for entry into process.
 - Criteria/Rubric under development, anticipated to cover:
 - Safety
 - Congressional Direction
 - Administration Direction
 - Administrator's Commitments
 - Regulations and Standards



Q&A

- **Questions on process update?**

