

AMS/FAST CHANGE REQUEST (CR) COVERSHEET

Change Request Number: 20-10

Date Received: 2/12/20

Title: SRMGSA Annual Updates

Initiator Name: Greg Pray

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Policy and Guidance: (check all that apply)

- Policy
- Procurement Guidance
- Real Estate Guidance
- Other Guidance
- Non-AMS Changes

Summary of Change:

1. Major Changes in the updated SRMGSA

1. **Approval Authorities.** The SRMGSA draft redefines some roles and responsibilities and approval authorities. The AJI Chief Safety Engineer is no longer responsible for approving these safety deliverables: SHA, SSHA, and O&SHA. This responsibility has been transferred to the PMO. The ATO Chief Safety Engineer is also no longer responsible for approving these DO-278A deliverables: PSAA, SCI, and SAS. This responsibility is now also the PMO's. However, the Safety Case Leads retain the right to review any documents as appropriate. The key point is that the ATO Chief Safety Engineer remains responsible for the safety approval of the entire system. This will be accomplished through reviews, audits, etc.
2. **Development assurance.** The concept of development assurance has been expanded from simply being software development assurance to being system development assurance.
3. **Importance of the PSP.** The importance of the PSP has been reinforced. An approved PSP will now be required at IARD and will need to include details of future development assurance plans, future contractual actions pertaining to safety, the role of the safety case lead in monitoring the safety program, and other provisions. If so stated, the PSP will also freeze the version of the SRMGSA/Manual in affect when the PSP is approved

4. **Performance monitoring.** The SRMGSA draft finally gives a coherent explanation of what safety performance monitoring means for system acquisitions. The safety monitoring plan for a system must trace back to its PHA for performance targets. If additional safety hazards are identified after the PHA is approved, the PHA must be updated accordingly.
5. **Tech Refresh Portfolio.** The safety/development assurance requirements for the Tech Refresh portfolio and subsequent projects have not been eliminated. The portfolio/projects will still require PSPs and all other safety assessments/analyses unless specifically waived by the PSP.
6. **Program Segmentation.** The mitigations to safety hazards that have been verified/validated in a program segment are existing controls in subsequent segments. If they have not been verified/validated, then the safety hazard still exists. Also, each program segment may require its own PSP.
7. **Peer Review Process.** The AJI peer review process is only required for those documents requiring AJI approval.
8. **SSAR.** The SSAR must also show evidence of program compliance with development assurance requirements.
9. **Appendix M.** Appendix M is a brand new appendix.

Reason for Change:

Annual review and stakeholder input.

Development, Review, and Concurrence:

ASAG members, including AJM and AOV stakeholders, provided concurrences to changes.

Target Audience:

Program Offices/Acquisitions Teams and AJI Safety and Technical Training

Briefing Planned: Yes. February 18.

ASAG Responsibilities:

Review and comment.

Section / Text Location:

The SRMGSA is located on the ATO SMS Toolbox under Safety Manuals and References

The redline version must be a comparison with the current published FAST version.

I confirm I used the latest published version to create this change / redline

or

This is new content

Links:

FAST Version 4/2020

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The SRMGSA is located on the ATO SMS Toolbox under Safety Manuals and References
<https://my.faa.gov/org/linebusiness/ato/safety/sms/documents.html>

Attachments:

Redline and final documents.

Other Files:

N/A