

AMS CHANGE REQUEST (CR) COVERSHEET

Change Request Number: 15-39

Date Received: Jun 3, 2015

Title: Independent Operational Assessment Flowchart

Initiator Name: Tracy Umstead

Initiator Organization Name / Routing Code: Independent Safety Assessment Team, AJI-321

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ASAG Member Phone: 202-267-9192

Guidance and Policy must be submitted with separate CR coversheets.

Policy

Or

Procurement Guidance

Real Estate Guidance

Other Guidance

Summary of Change: Minor corrections to Independent Operational Assessment-related flowchart items in Test and Evaluation section of AMS Overview Flowchart text. The changes for the Conduct Independent Operational Assessment step in T&E Solution Implementation were also applied to the Conduct Independent Operational Assessment (IOA) step in the following platforms and phases

- Commercially Available Hardware and Development Software – Implementation
- Developmental Hardware and Development Software – Implementation
- Commercially Available Hardware and Software – Implementation

Reason for Change: Errors noted, such as organization name and redundant information

Development, Review, and Concurrence: ISA Team manager and team, ASAG.

Target Audience: Service Teams

Briefing Planned: Yes.

ASAG Responsibilities: Review and comment.

Section / Text Location: Special Topics, Flowcharts - Systems / Services / Facilities, Functional Areas, Test and Evaluation

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

FAST Version 04/2015

CR 15-26

p. 1

or

This is new content

Links: http://fast.faa.gov/flowcharts/grid_platform.cfm?p=te

Attachments: Redline and Final flowchart.

Other Files: N/A

Redline(s):

Test and Evaluation – Solution Implementation

Prepare Independent Operational Assessment Readiness Declaration

Prepare Independent Operational Assessment Readiness Declaration			
Responsible Agent	Product	Approval Authority	Tools and Aids
<ul style="list-style-type: none">Service Team lead	<ul style="list-style-type: none">Independent Operational Assessment Readiness Declaration	<ul style="list-style-type: none">Service Organization Vice President	<ul style="list-style-type: none">Independent Operational Assessment Readiness Declaration template and instruction

Description:

For those systems designated for IOA, the service team prepares the IOARD, which is signed by the service organization Vice President. Transmission of this document to the Vice President for Safety and Technical Training signifies ~~all DT and OT testing has been successfully completed and~~ the system is ready for IOA. The IOARD contains the results of testing, as well as any risks and limitations that impact the safety, operational effectiveness, and suitability of the system.

Prepare Plans / Procedures for IOA

Prepare Plans / Procedures for IOA			
Responsible Agent	Product	Approval Authority	Tools and Aids
<ul style="list-style-type: none">Independent Operational Assessment team	<ul style="list-style-type: none">IOA test plans and procedures	<ul style="list-style-type: none">IOA Team lead	

Description:

The IOA team develops IOA ~~test~~ plans and procedures. Funding and other resources, with the exception of backfill overtime for IOA Team members, to support IOA are provided by ~~the Office of Safety~~ Safety and Technical Training. The service team funds the prime contractor to support this activity, if support is required.

Conduct Independent Operational Assessment

Conduct Independent Operational Assessment			
Responsible Agent	Product	Approval Authority	Tools and Aids
<ul style="list-style-type: none">• Service Team lead {We are independent of the service team during conduct??}• Office of ISA• Independent <u>Operational Safety</u> Assessment <u>T</u>eam	<ul style="list-style-type: none">• Independent Operational Assessment Readiness Declaration {this is above}• IOA Assessment Report	<ul style="list-style-type: none">• IOA Team lead• <u>Independent Safety Assessment Manager</u>• Vice President of the affected service unit {the affected service unit does not approve our report??}	

Description:

~~For those systems designated for Independent Operational Assessment (IOA), the Service Team prepares the IOA Readiness Declaration (IOARD). The IOARD is then signed by the Vice President of the affected service unit. Transmission of this document to the Vice President of ATO Safety signifies that all system testing is successfully completed and that the system is ready for IOA and operational use.~~ The ~~Office of Independent Safety Assessment (ISA)~~ IOA Team then conducts IOA for the designated programs to ensure all Critical Operational Issues (COIs) in the Program Requirements Document are assessed prior to the In-Service Decision (ISD). As determined by the IOA Team, test data from earlier test phases and the results of field familiarization testing may be applicable to COI resolution. The IOA results are reported and briefed to the Vice President ~~of ATO Safety~~ for Safety and Technical Training, the Vice Presidents of the affected Service Units, appropriate stakeholders and Service Team members, and the ISD authority.
