

ARINC IA Project Initiation/Modification (APIM)

Name of proposed project

APIM #: 11-015

Develop Supplement to ARINC Report 668: GUIDANCE FOR TOOL AND TEST EQUIPMENT (TTE) EQUIVALENCY

Suggested Subcommittee assignment

Future Concepts for Maintenance Subcommittee

Project Scope

A review and feedback from the industry indicates that the current requirements for TTE equivalency within ARINC 668 might be too stringent, i.e. imposing unnecessary effort/cost for implementation and operation of ARINC668 related processes.

A rework of ARINC668 will provide a new philosophy regarding TTE equivalency determination:

- Detailed equivalency determination including documentation will only be necessary for TTE involved in Return to Service Testing (RTS) and those TTE critical to safety, performance, and cost.
- Equivalency of other TTE will be covered by defined procedures (e.g. standard practices) based on the quality manual of the individual maintenance organization.
- Review the ARINC 668 document to ensure accuracy and consistency with evolving industry practices (scheduled review after 5 years)
- It is highly recommended to invite the FAA to the rework sessions as it was done during the initial work of ARINC668.

Project Benefit

The update is intended to ensure the continued viability of ARINC 668 throughout the Air Transport Industry and a simplified way of performing TTE equivalency determinations without compromising safety issues related to equivalent TTE usage.

Airlines supporting effort

Lufthansa, FDX, KLM, Delta, United

Issues to be worked

- Contact the FAA (Office Washington DC) to explore and discuss the projected changes and to achieve concurrence.

- Review and restructure requirements for TTE equivalency (draft will be provided by LHT).
- Include other feedback from the Air Transport Industry.

Recommended Coordination with other groups

This initiative will be coordinated with the current TEG (Test Equipment Guidance) Working Group

Projects/programs supported by work

All current and future aircraft programs

Timetable for projects/programs

2nd Quarter 2012

Documents to be produced and date of expected result

Supplement 1 to ARINC 668

Comments

None

Meetings

The following table identifies the number of meetings and proposed meeting days needed to produce the document described above.

Note: This activity will be run as a joint effort with LAM and TEG.

Activity	Mtgs	Mtg-Days	Docs
ARINC 668	2	6	1

For IA staff use

Date Received **06 Oct 2011** IA staff assigned: **Sam Buckwalter**

Potential impact: **B**

(A. Safety B. Regulatory C. New aircraft/system D. Other)

Forward to committee(s) (AEEC, AMC, FSEMC): **AMC** Date Forward:

Committee resolution: _____

(0. Withdrawn 1. Authorized 2. Deferred 3. More detail needed 4. Rejected)

Assigned Priority: **B**_____ Date of Resolution:

A. – High (execute first) B. – Normal (may be deferred for A.)

Assigned to SC/WG **FCM Subcommittee**