

Proposed Agenda
AMC Field Loadable Software (FLS) Working Group

Hosted by Teledyne Controls
Bordeaux, France
August 23-24, 2016

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|--|---|
| 1. Welcome and Admin Info | Ted Patmore
Rod Gates
Scott Smith |
| 2. Introductions | All |
| 3. Review Agenda and Previous Action Items | All |

Overview

- Review of APIM 15-102
 - Supplement 2 to ARINC Report 667: *Guidance for the Management of Field Loadable Software*
- *Issues and topics to consider*
 - Update terms, part number formats, and other methods as a result of new technology.
 - Simplify software type tree to support a class->attribute approach for configuration management and load function determination.
 - Support changes due to A838, A665-4/5, A641
 - UMS – Need better guidance for installing on AC for troubleshooting.
 - Easier way to get UMS part on a plane. Improve airline process for putting
 - UMS on aircraft.
 - Software configuration management
 - Configuration management tools.
 - USB security and usage
 - PDL Security Guidance

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Tuesday

- Overview of activity to date
- Review of software tree from Boeing, Airbus, and Embraer coordination
- Review of modifications
 - Section 8.0 – Configuration
 - New sections
 - Sections to be deleted

Wednesday

- Continue review of ARINC Report 667
- Assign work
- Conclusion
 - Discuss future work, review meeting action items

Availability of Materials

- All of the drafts, strawman papers, and working papers can be downloaded from the Field Loadable Software (FLS) Working Group webpage, found here:

<http://aviation-ia.com/amc/projects/fls/index.html>

Action Items from Last Meeting

1. Prepare Draft 1 of Supplement 2 to ARINC Report 667 – ARINC IA
2. Develop a software tree defining software types – Airbus, Boeing, Embraer, Delta Air Lines
3. Review software security related text and modify as needed to meet current industry needs – Delta Air Lines
4. Modify Chapter 1 by relocating text to more logical sections – Boeing
5. Add a simplified scope diagram to Chapter 1– Boeing
6. Modify Chapter 7 with updated guidance on software management – Boeing
7. Review document and provide inputs and comments as needed - All

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Presentations

PRESENTATIONS SCHEDULED	COMPANY

Proposed Plan for Future Work

November 14-18, 2016

Location TBD USA

Hosted by ARINC IA

Place	Monday	Tuesday	Wed AM	Wed PM	Thursday	Friday
Room X	FLS	FLS	JOINT	ASDM	ASDM	
Room Y				SDL	SDL	SDL

- AMC Aircraft Support Data Management (ASDM) Working Group
 - Original goal is to streamline cabin software management processes. Support software requires some level of control, but less than that require for flight function software.
 - Defines a class of SW/Data (ASD) to reference in A667
 - **ARINC Project Paper 675: Aircraft Support Data Management**
- AMC Field Loadable Software (FLS) Working Group
 - **ARINC Specification 667A: Guidance for Management of Field Loadable Software**
- AEEC Software Data Loader Subcommittee
 - **ARINC Project Paper 849: Avionics Shop Loading of Line Replaceable Units**
 - **ARINC Project Paper 6XX: Common Standards for Aircraft Software Loading and Data Management**