

ARINC IA Project Initiation/Modification (APIM)

1.0 Name of Proposed Project **APIM #: 10-017**

Cabin Equipment Interfaces

Seat Equipment Grounding Procedures and BITE Reporting

1.1 Name of Originator and/or Organization

Cabin Systems Subcommittee (CSS). List of participants identified below.

2.0 Subcommittee Assignment and Project Support

2.1 Suggested AEEC Group and Chairman

It is recommended that the CSS complete this work as part of its 2011 work program.

Chairman: Dale Freeman, Delta Air Lines

2.2 Support for the activity (as verified)

Airlines:

Delta

Airframe Manufacturers:

Airbus, Boeing

Suppliers:

Panasonic Avionics Systems

Soriau

Thales

Deutsch

Astronics

Tyco

B/E Aerospace

Amphenol

Federal Mogul

Lumexis

Sicma

Honeywell

KID Systeme

Aircell

Miltope

Radiall

ITT Canon

W. L. Gore

Elta

Positronics

Precilec

Rockwell-Collins

Thermax

Holmberg GMBH

JMC AeroSystems

Latecoere

Others:

solutions.

4.2.3 Benefits for Avionics Equipment Suppliers

- Eliminate the need to design custom provisions for each installation.
- Reduction of time and costs for new developments due to reuse of proven solutions.

5.0 Documents to be Produced and Date of Expected Result

Supplement 3 to ARINC Specification 485 and Supplement 7 to ARINC Specification 628, Part 2 per the table below.

5.1 Meetings and Expected Document Completion

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

Activity	Mtgs*	Mtg-Days (Total)	Expected Start Date	Expected Completion Date
<i>Supp 3 to ARINC 485, Part 2</i>	3	<i>½ day each</i>	11/2010	4/2012
<i>Supp 7 to ARINC 628, Part 2</i>	2	<i>½ day each</i>	11/2010	10/2011

* Covered by regular CSS meetings.

6.0 Comments

None

6.1 Expiration Date for the APIM

April 2012

For IA staff use only

Date Received: Jan 15, 2010

IA staff : TEM

Potential impact: _____

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

Resolution: Authorized Oct 7, 2010

Assigned to SC/WG: CSS