ARINC Project Initiation/Modification (APIM)

# Name of Proposed ProjectAPIM \_\_\_\_\_\_\_\_\_\_\_

(Insert name of proposed project)

## Name of Originator and/or Organization

(Insert name of individual and/or organization that initiated this APIM)

# Subcommittee Assignment and Project Support

## Suggested AEEC Group and Chairman

(Identify an existing AEEC Subcommittee or enter “New Activity”)

## Support for the Activity (as verified)

Airlines:

Airframe Manufacturers:

Suppliers:

Others:

## Commitment for Drafting and Meeting Participation (as verified)

Airlines:

Airframe Manufacturers:

Suppliers:

Others:

## Recommended Coordination with other groups

(List other AEEC Subcommittees or other industry groups)

# Project Scope (why and when standard is needed)

## Description

(Provide a forward-looking description of the technical problems expected to be solved by this standard and why they are important to the airlines, airframe manufacturers, and suppliers. Identify any new technologies and innovations. Discuss related industrial issues. Add supporting material with illustrations as needed.)

## Planned usage of the ARINC Standard

Note: New airplane programs must be confirmed by the aircraft manufacturer prior to completing this section.

New aircraft developments planned to use this specification yes  no

Airbus: (aircraft & date)

Boeing: (aircraft & date)

Other: (manufacturer, aircraft & date)

Modification/retrofit requirement yes  no

Specify: (aircraft & date)

Needed for airframe manufacturer or airline project yes  no

Specify: (aircraft & date)

Mandate/regulatory requirement yes  no

Program and date: (program & date)

Is the activity defining/changing an infrastructure standard? yes  no

Specify (e.g., ARINC 429)

When is the ARINC standard required? \_\_\_\_\_\_(month/year)\_\_\_\_\_\_\_\_\_\_

What is driving this date? \_\_\_\_\_\_\_(state reason)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Are 18 months (min) available for standardization work? yes  no

If NO please specify solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Are Patent(s) involved? yes  no

If YES please describe, identify patent holder: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Issues to be Worked

(Describe the major issues to be addressed.)

## Security Scope

Is Cyber Security Impacted (if yes, check box(es) below) yes  no

Aircraft Control Domain yes  no

Airline Information Services Domain yes  no

PAX Information and Entertainment Systems yes  no

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ yes  no

(Discuss the level of cyber security guidance needed, the specific topics to be covered, and whether these topics are covered elsewhere by reference, e.g., ICAO Documents, RTCA/EUROCAE Standards, existing ARINC Standards, or if they need to be defined by a new or revised ARINC Standard.)

# Benefits

## Basic Benefits

Operational enhancements yes  no

For equipment standards:

* + - * 1. Is this a hardware characteristic? yes  no
        2. Is this a software characteristic? yes  no
        3. Interchangeable interface definition? yes  no
        4. Interchangeable function definition? yes  no

If not fully interchangeable, please explain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is this a software interface and protocol standard? yes  no

Specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Product offered by more than one supplier yes  no

Identify: (company name)

## Specific Project Benefits

## (Describe overall project benefits.)

### Benefits for Airlines

(Describe any benefits unique to the airline point of view.)

### Benefits for Airframe Manufacturers

(Describe any benefits unique to the airframe manufacturer’s point of view.)

### Benefits for Avionics Equipment Suppliers

(Describe any benefits unique to the equipment supplier’s point of view.)

# Documents to be Produced and Date of Expected Result

Identify Project Papers expected to be completed per the table in the following section.

## 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** |
| Document a | # of mtgs | # of mtg days | mm/yyyy | mm/yyyy |
|  |  |  |  |  |
| Document b | # of mtgs | # of mtg days | mm/yyyy | mm/yyyy |
|  |  |  |  |  |

Please note the number of in-person meetings and the number of meeting days to be supported by the ARINC IA Staff.

Please add a statement describing the frequency of web conferences.

# Comments

(Insert any other information deemed useful to the AEEC Executive Committee for managing this work.)

## Expiration Date for the APIM

April/October 20XX

***Completed forms should be submitted to Sam Buckwalter (sam.buckwalter@sae-itc.org)***

***AEEC Executive Secretary & Program Director***