To	EFB Subcommittee	Date	January 20, 2022
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Subject   **Meeting Announcement**
Electronic Flight Bag (EFB) Subcommittee

Chairman   Dave Jones, Astronautics

Host   ARINC Industry Activities

When   February 22-24, 2022
Tuesday through Thursday – Web Conference schedule for each day:

Meeting Times	US Pacific	US Eastern	Central European
Start	0600	0900	1500
Break	0730	1030	1630
Re-Convene	0745	1045	1645
Adjourn	0900	1200	1800

Where   This meeting will be 100% virtual. Details to be provided to those who register before February 7, 2022.

Instructions   Please notify the ARINC Industry Activities staff of your intention to attend by registering online at: *https://www.aviation-ia.com/events*.

This meeting is opened to all interested parties. The web conference instructions will be distributed one week prior to the meeting.

Activity Scope   The EFB Subcommittee develops ARINC Standards that enable standardized EFB installation, connectivity, and interoperability on all types of aircraft. The standards are comprised of both hardware and software specifications and apply to interfaces, wiring and connectors, protocols, and application control.

Meeting Objectives

The EFB Subcommittee will meet February 22-24, 2022 online. The goal of the meeting is to: 1.) complete development of PP834A for presentation at the AEEC General Session in May 2022, and 2.) continue development of PP829 scheduled for completion in 2023.

- **ARINC Project Paper 834A:** *Internet Protocol based Aircraft Data Interface Function (ADIF)* will define a new Application Programming Interface (API) between crew device applications executing on an EFB (for direct use by flight, cabin, and maintenance crew) and the aircraft avionics systems. This new interface is expected to become a bridge between EFB applications and the existing Simple Text Avionics Protocol (STAP), and Avionics Data Broadcast Protocol (ADBP) that acquire data from the aircraft data buses. The benefits will include:
  - Improved application interoperability and product availability from multiple suppliers
  - Reduced development time and software maintenance overhead
  - Potential single application suite for mixed fleet operators
- **ARINC Project Paper 829:** *Guidance for Wireless Use of COTS Crew Devices* will define the means by which to connect COTS devices securely to an Aircraft Interface Device (AID) and/or local area network. The completed document will include guidance specifically relating to installation and operation of wireless crew devices (e.g., Electronic Flight Bags) to address areas including but not limited to:
  - Wireless technology used, e.g., type of IEEE 802.11, Bluetooth, or other
  - Device authentication methods, e.g., Pre-Shared Key versus RADIUS authentication, SSID policies etc.
  - Certificate management for both AID as well as tablet devices
  - Operating as part of a larger aircraft network
  - Network protection aspects, especially protecting against unintended access by passengers (domain protection)
  - Failure mode scenarios