



To EFB Subcommittee **Date** April 14, 2022

From Peter Grau **Reference** 22-999/SMA-267 lth
peter.grau@sae-itc.org
tel +1 240-334-2580

Subject **Meeting Announcement**
Electronic Flight Bag (EFB) Subcommittee

Chairman Dave Jones, Astronautics

Host ARINC Industry Activities

When **May 31, 2022**
Tuesday from 0900 to 1700

Where **The Westin Annapolis**
100 Westgate Circle
Annapolis Maryland 21401
tel: +1 888-236-2427
tel: +1 800-535-4028
Caucus Ballroom

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.

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 on Tuesday May 31, 2022, in Annapolis, Maryland. The goal of the meeting is to develop two documents as follows:

- **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 834A is expected to be mature in October 2022
- **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
 - ARINC Project Paper 829 is expected to be mature in April 2023

Related Activities

Several other related EFB events are planned for this week in Annapolis:

- EFB Users Forum: June 1: 0900-1200 Capitol Ballroom
- EFB EXPO: June 1: 1200-1700 Annapolis and Senate Ballrooms
- EFB Users Forum: June 2: 0900-1700 Capitol Ballroom
- Supplemental EXPO: June 2: During coffee breaks and lunch Annapolis and Senate Ballrooms
- Welcome Reception: June 2: Evening; details to be announced
- EFB Users Forum: June 3: 0900-1200 Capitol Ballroom
- Supplemental EXPO: June 3: During the coffee break Annapolis and Senate Ballrooms

Travel Information

Annapolis is served by three major airports: Washington-Dulles, Reagan National, and Baltimore-Washington. Any of these is suitable, with directions for each included below.

From Baltimore-Washington International Airport (BWI):

The Westin Annapolis is located approximately 24 miles south of the Baltimore-Washington International Airport.

By Taxi: Travel time is approximately 35 minutes, and the fare will be approximately \$60.00.

By Uber: Use the address above with your Uber app. The fare should be approximately \$41.00.

From Washington Reagan National Airport (DCA):

The Westin Annapolis is located approximately 35 miles east of the Washington Reagan National Airport.

By Taxi: Travel time is approximately 1 hour, and the fare will be approximately \$100.00.

By Uber: Use the address above with your Uber app. The fare should be approximately \$55.00.

From Washington-Dulles International Airport (IAD):

The Westin Annapolis is located approximately 60 miles east of the Washington-Dulles International Airport.

By Taxi: Travel time is approximately 1 hour 45 minutes, and the fare will be approximately \$150.00.

By Uber: Use the address above with your Uber app. The fare should be approximately \$85.00.

- Note: Uber fares are highly variable depending on day, time, and prevailing demand at the time of your request.