AEEC
Together "We Set the Standard."

To	FMS Subcommittee	**Date**	April 20, 2016
From	P. J. Prisaznuk pjp@sae-itc.org tel: 1-410-212-0913	**Reference**	16-999/SMA-9xx lth

Subject **Meeting Announcement**
ARINC 702A – Flight Management System (FMS)
Annapolis, Maryland

Chairman Mike Bakker, GE Aviation

When **July 6-8, 2016**
Wednesday and Thursday from 0900 to 1700
Friday from 0900 to 1300

Where Meeting Location

Hampton Inn & Suites
124 Womack Drive
Annapolis, Maryland 21401

Contact: Paul Prisaznuk
email: pjp@sae-itc.org

Travel information is provided later in this AEEC meeting announcement.

Hotel The group rate for this meeting is 104.00 USD plus tax. This rate includes breakfast. To book online, visit the following hyperlink:

http://hamptoninn.hilton.com/en/hp/reservations/index.jhtml?hotel=ANDMDHX&corporateCode=0560006850

Should you have any difficulties obtaining the preferred rate, please contact Justine Dzemyan at +1 (410) 571-0200 and request the ARINC rate.

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

The meeting is open to all interested parties. Those wishing to have time on the agenda should contact Paul Prisaznuk. The agenda will be finalized one week before the meeting.

Activity Scope	The FMS Subcommittee will update **ARINC Characteristic 702A:** *Advanced Flight Management Computer System*, to support NextGen and SESAR airspace initiatives. These include satellite-based navigation, enhanced datalink and evolutions in graphical user interfaces (ARINC 661) and software partitioning (ARINC 653). These advancements are expected to provide a number of benefits to airlines. These include user-preferred trajectories, airspace capacity improvements and fuel savings. Supplement 5 will be aligned to the applicable RTCA/EUROCAE standards in support of initiatives such as Performance-Based Navigation (PBN) and Trajectory Based Operations (TBO).
Meeting Objectives	The FMS Subcommittee will review working papers leading to the development of Supplement 5 to ARINC Characteristic 702A. New material will include:

- Magnetic variation model recommendations
- Lateral path transition containment refinement
- Fixed Radius Turn (FRT) refinements
- Crew selection of Required Navigation Performance (RNP) values for Authorization Required (AR) approach
- Lateral offset recommendations
- Temperature compensation for vertical approach guidance
- Vertical path construction
- AT and AT OR ABOVE speed constraints
- ETA min/max computation and RTA performance

The goal of the meeting is to prepare material for Draft 1 of Supplement 5 to **ARINC Characteristic 702A:** *Advanced Flight Management Computer System.*

Travel Information	The Hampton Inn Annapolis

Annapolis is served by three major airports: Baltimore Washington International, Washington Dulles International, and Washington Reagan National. Below are directions to the hotel from these airports:

Baltimore Washington International (BWI)

The Hampton Inn Annapolis hotel is approximately 21 miles from BWI.

Exit the rental car facility on New Ridge Road to Stoney Run Road. Turn right on Stoney Run Road, and then make a left onto Aviation Boulevard (Route 170). At intersection with Dorsey Road (Route 176), exit left onto Dorsey Road. Follow Dorsey Road to exit for I-97 south (Annapolis and Bay Bridge). Turn right to take I-97 south toward Annapolis. I-97 merges with Route 50. Continue on Route 50 East to Exit 22 – Riva Road. Follow signs to Riva Road and make a right at the light onto Riva Road. At the first light, turn left onto Admiral Cochran Drive. At the next stop sign, turn left onto Spruill Road. After 0.1 mile, turn left onto Womack Drive. The Hampton is located at 124 Womack Drive.

Washington Dulles International (IAD) – (International Connections)

The Hampton Inn Annapolis hotel is approximately 60 miles from IAD.

Take the Washington Dulles Access Road East (Route 267) toward Washington D.C. and exit on I-495 North, Capital Beltway. Drive 20 miles to US 50 East and follow signs to Annapolis. Continue on Route 50 East to Exit 22, Aris T. Allen.

Follow signs to Riva Road. and make a right at the light onto Riva Road. At the first light, turn left onto Admiral Cochran Drive. At the next stop sign, turn left onto Spruill Road. After 0.1 mile, turn left onto Womack Drive. The Hampton is located at 124 Womack Drive.

Washington Reagan National (DCA)

The Hampton Inn Annapolis hotel is approximately 35 miles from DCA.

Exit north onto the George Washington Memorial Parkway and take I-395 north across the Potomac River. Stay on I-395 until it dead ends at New York Avenue. Turn right onto New York Avenue and follow the signs for Route 50 East to Annapolis. Continue on Route 50 East to Exit 22, Aris T. Allen. Follow signs to Riva Road and make a right at the light onto Riva Road. At the first light, turn left onto Admiral Cochran Drive. At the next stop sign, turn left onto Spruill Road. After 0.1 mile, turn left onto Womack Drive. The Hampton is located at 124 Womack Drive.

cc   DLK, SAI