



To FMS Subcommittee **Date** August 30, 2017

From P. J. Prisaznuk
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tel: 1-443-254-0528 **Reference** 17-999/SMA-032 kpp

Subject **Meeting Announcement**
ARINC 702A - Flight Management System (FMS) Subcommittee

Chairman Mike Bakker, GE Aviation

When November 28-30, 2017
Tuesday, Wednesday, and Thursday from 0900 to 1700

Host **The Boeing Company**

Where Meeting Location
The Boeing Company
Integrated Aircraft Systems Laboratory (IASL)
Building 2-122.1, Room 102L2
7501 12th Ave S (Access via 14th Ave S)
Seattle, Washington 98108 USA
Point of Contact:
Matthew Colburn
tel: 1-425-237-5978
email: Matthew.J.Colburn@boeing.com

Security Boeing is a secure facility. All meeting participants must provide personal data (Full Name, Nationality, Company, Company Address) to the Boeing Point of Contact, Matt Colburn, no later than **November 14, 2017** (minimum of 2 weeks in advance). Plan to meet at 0830 each day in the building lobby.

Hotels There is a nice variety of hotels in Seattle to suit your budget and comfort needs. A short list of hotels is attached.

Instructions Please notify ARINC Industry Activities of your intention to attend by registering before November 14, 2017 at: <http://www.aviation-ia.com/events/>
The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Paul Prisaznuk. The agenda will be finalized one week prior to the meeting.

**Activity
Scope**

The FMS Subcommittee will update **ARINC Characteristic 702A: *Advanced Flight Management Computer System*** to support NextGen and SESAR airspace initiatives. The evolution of satellite-based navigation, enhanced datalink, graphical user interfaces, and software partitioning are driving these changes. FMS advancements are expected to provide a number of benefits to airlines. These include airspace capacity improvements, user-preferred trajectories, and associated 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**

FMS Subcommittee Meeting in Seattle

The FMS Subcommittee is expected to complete its review of **Supplement 5 to ARINC Characteristic 702A: *Advanced Flight Management Computer System***. Topics for discussion include:

- Lateral Path Transition Containment
- Lateral Offset Recommendations
- Leg-Based Required Navigation Performance (RNP) Values
- Final Approach Segment (FAS) Data Block Interface
- FMS Landing System (FLS) Interface
- Air Traffic Services (ATS) Datalink Requirements
- Temperature Compensation for Vertical Approach Guidance
- ETA Windows and TOA Control
- AT, AT or ABOVE Speed Constraints
- Vertical Path Construction
- ACARS Interface Extensions
- Flight Path Intent Bus
- Extended Profile Projection (EPP) Frame
- Glossary of Terms

The goal of the meeting is to reach consensus on the content of **Supplement 5 to ARINC Characteristic 702A: *Advanced Flight Management Computer System***.

The goal is to circulate a mature draft in early 2018.

**Travel
Information**

Boeing 2-122 Floor 1, inside the Main Entrance Lobby Room 102L2

The Boeing meeting site is located about 10 miles from the Seattle Airport.

Depending on your hotel of choice, a courtesy shuttle from the airport to the hotel may be available. Please contact the hotel directly to inquire further.

Maps of the Boeing site are attached to this meeting announcement.

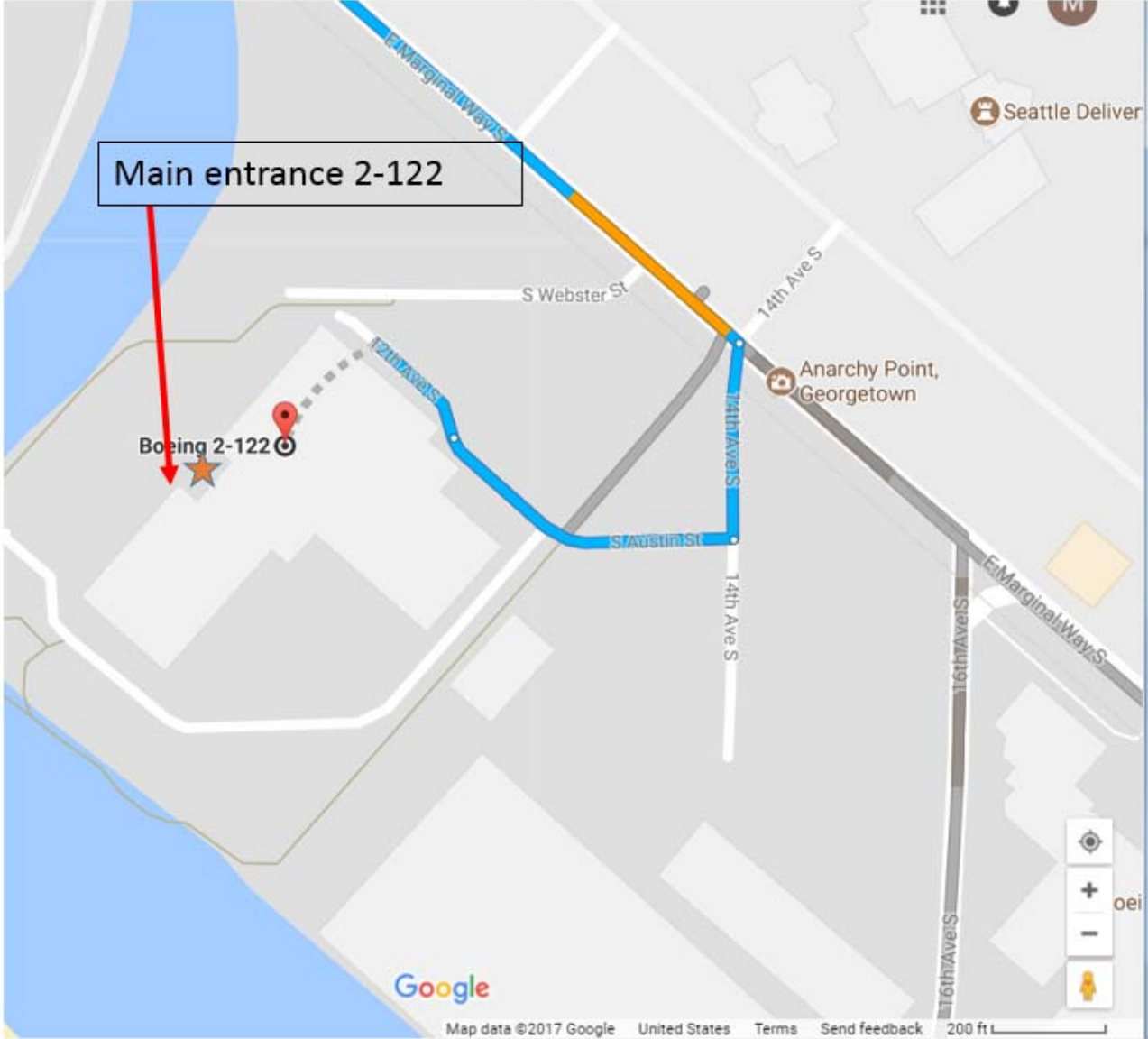
A rental car is recommended.

cc

SAI Subcommittee

Attachments:

Boeing IASL, Building 2-122, Room 102L2
7501 12th Ave S (Access via 14th Ave S)
Seattle, Washington 98108



Seattle Boeing Training & Flight Services / Hotel Listing

Please contact the hotel directly to obtain current reduced rates for the
Boeing Training & Flight Services (BTFS)

Hotel / Phone – Fax - Web
Best Western River's Edge 15901 W. Valley Highway Tukwila WA 98188 425-226-1812 / 425-255-7856 Fax www.bestwestern.com/southcenter
Clarion Hotel 3700 East Valley Rd Renton, WA 98055 425-251-9591 / 425-251-0340 Fax www.clarionhotels.com/hotel/wa199
Courtyard by Marriott SEATAC 16038 West Valley Hwy Tukwila, WA 98188 425-255-0300 / 425-204-4975 Fax www.marriott.com/seawv
Courtyard by Marriott Southcenter 400 Andover Park West Tukwila, WA 98188 206-575-2500 / 206-575-0129 Fax www.marriott.com/seasc
Doubletree Suites (Hilton) 16500 Southcenter Parkway Seattle, Wa. 98188 206-575-8220 / 206-575-4743 fax www.doubletree.hilton.com

Hotel / Phone – Fax - Web
Extended Stay Deluxe – Renton 1150 Oakesdale Ave SW Renton WA 98055 425-228-2454 / 425-228-2655 Fax www.extendedstay.com
Hampton Inn (Hilton) 7200 S 156 th Street Tukwila WA 98188 425-228-5800 / 425-228-6812 Fax www.hamptoninn.com
Hawthorne Suites 6329 South 212th Street Kent, WA 98032 253-395-3800 / 253-395-3022 Fax www.kenthawthorn.com
Hilton Garden Inn 1801 East Valley Hwy Renton, WA 98057 425-430-1414 / 425-430-8577 Fax www.seattlerenton.stayhgi.com
Holiday Inn - Renton One South Grady Way Renton, WA 98057 425-226-7700 / 425-271-2315 Fax www.holidayinn.com/rentonwa

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Hotel / Phone – Fax - Web
Homewood Suites (Hilton) 6955 Fort Dent Way Seattle, WA 98188 206-433-8000 / 206-433-8994 Fax www.homewoodsuites.hilton.com
Larkspur Landing 1701 East Valley Road Renton, WA 98055 425-235-1212 / 425-235-3616 Fax www.larkspurlanding.com
Residence Inn by Marriott 16201 West Valley Hwy Tukwila, Wa 98188 425-226-5500 / 425-271-5023 fax www.residenceinn.com
Springhill Suites – Renton Marriott 200 SW 19th Street Renton, WA 98055 425-226-4100 / 425-226-4191 Fax www.marriott.com/seasr
Sutton Suites – SEATAC 3423 160th Street Seattle WA 98188 206-431-6884 / 206-431-9181 Fax www.suttonsuites.com

Hotel / Phone – Fax - Web
Towneplace Suites – Kent Marriott 18123 72nd Avenue South Kent, WA 98032 253-796-6000 / 253-796-6050 Fax www.marriott.com
Towneplace Suites – Renton Marriott 300 SW 19th Street Renton, WA 98055 425-917 2000 / 425-917-2002 Fax www.marriott.com/seatr

Washington – West Corridor

Plant 2/South Park/Developmental Center/ Customer Service Center/
 Military Flight Center/Thompson Site/Boeing Field/Propulsion Engineering Labs

