



To FMS Subcommittee **Date** April 3, 2017

From P. J. Prisaznuk
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tel: 1-443-254-0528 **Reference** 17-999/SMA-002 lth

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

Chairman Mike Bakker, GE Aviation

When June 27-29, 2017
Tuesday, Wednesday, and Thursday from 0900 to 1700

Host **Esterline CMC Electronics** is hosting the FMS Subcommittee meeting.

Where Meeting Location
Esterline CMC Electronics
600 Dr.Frederik Philips Boulevard
Montréal, Québec
Canada H4M 2S9
tel: 1-514-748-3000
Point of Contact:
Sylvain Hamel
tel: 1-514-748-3000 x4379 / 1-514-349-0547
email: Sylvain.Hamel@cmcelectronics.ca

Security CMC Electronics is a secure facility. For security reasons, all meeting participants must provide personal data (Full Name, Nationality, Company, Company Address), to the CMC Electronics Point of Contact, **Sylvain Hamel**, no later than **June 9, 2017** (minimum of 2 weeks in advance). Plan to meet at 0830 each day in the main lobby of CMC.

Hotels There is a nice variety of hotels in Montréal either downtown or nearby (walking distance or more suitable with personal car) 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 **June 9, 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 Montréal**

The FMS Subcommittee will review Supplement 5 to ARINC Characteristic 702A. The goal is to perform a complete end-to-end document review. 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 closure on several topics, leading to the timely development of Supplement 5 to **ARINC Characteristic 702A: *Advanced Flight Management Computer System*** in 2017.

**Travel
Information**

From Montréal-Trudeau Airport to CMC Electronics

Taxi or rental car is recommended. Additional detail is provided on the map attached to this meeting announcement.

From Montréal City Centre to CMC Electronics

Taxi or rental car is recommended. Public transit is possible via Montréal Métro and Bus.

Montréal Métro and Bus

Montreal has a metro system and numerous bus routes. Check with your hotel concierge about directions to CMC Electronics. For more information:

<http://www.stm.info/en/info/networks/metro>

cc

SAI Subcommittee

Attachment 1

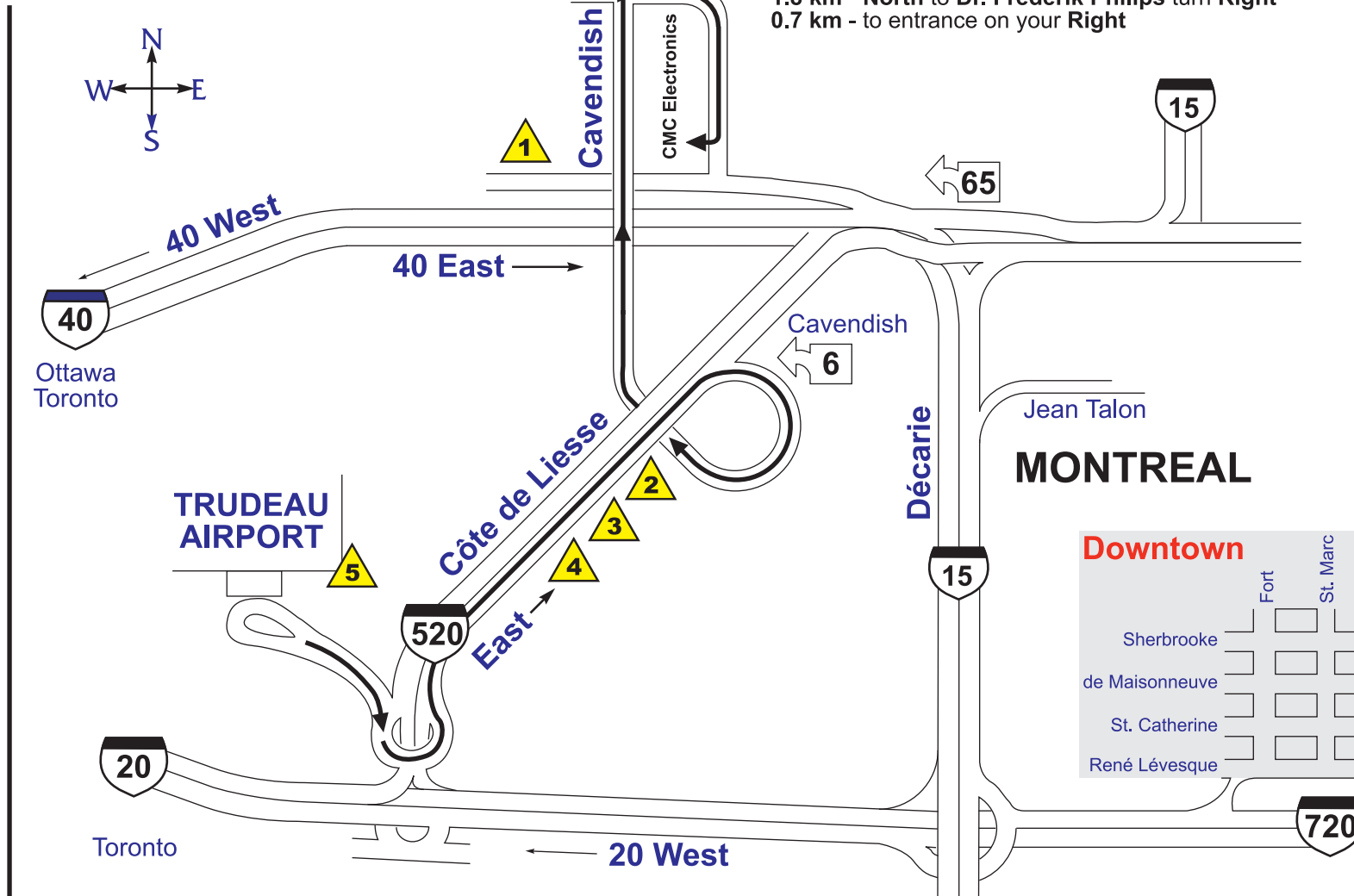
CMC Electronics Inc.
An Esterline Company

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Ville St. Laurent, Quebec
Canada H4M 2S9
Telephone: 514-748-3148
Facsimile: 514-748-3100
www.cmcelectronics.ca

**Driving Instructions from Trudeau Airport
to: CMC Electronics plant:**

From the car rental lot proceed to the **EXIT** sign.
Turn left bear and follow the sign
"Montreal 40 Ouest"

Get in the right lane to exit the airport property.
1.0 km - **South** to **Côte de Liesse Est** bear **Right**
0.9 km - **East** to **Hwy 520 Est** follow signs
4.9 km - **East** to **Cavendish sortie 6** exit **Right**
0.5 km - **East** to **boul. Cavendish** turn **Right**
0.2 km - **South** to **boul. Cavendish** turn **Right**
1.8 km - **North** to **Dr. Frederik Philips** turn **Right**
0.7 km - to entrance on your **Right**



Marriott Courtyard 

7000 Place Robert Joncas
St. Laurent, Quebec
Tel: 514-339-5333

Crowne Plaza 

6600 Côte de Liesse
St. Laurent, Quebec
Tel: 514-344-1999

Quality Hotel 

7700 Côte de Liesse
St. Laurent, Quebec
Tel: 514-731-7821

Hilton Garden Inn 

7880 Côte de Liesse
St. Laurent, Quebec
Tel: 514-788-5120

Sheraton Montreal Airport 

12505 Côte de Liesse
Dorval, Quebec
Tel: 514-631-2411

