



To SATCE Working Group **Date** April 9, 2018

From Scott Smith **Reference** 18-999/SMA-068 kpp
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Subject **Meeting Announcement**
Simulated Air Traffic Control Environment (SATCE) Working Group

When September 12-13, 2018 from 0900 to 1700
September 14, 2018, from 0900 to 1300

Chairman Ted Chapman, FlightSafety International

Host CAE is hosting the SATCE meeting at their offices in Grapevine, Texas.

Where Meeting Location
CAE Dallas West Training Center
2929 W. Airfield-Braniff Drive
Grapevine, Texas 75261
The meeting site is about 10 minutes from the Dallas Fort Worth International Airport (DFW).
On Wednesday, September 12, 2018, please plan on arriving at the meeting 15 minutes early for security processing.
Hotel Information
CAE may have preferred rates at several area hotels. Contact Signature Travel Services for more information:
stsdjw@signaturetravelservices.com
Tel +1 972 456-8364

Instruction Please notify ARINC Industry Activities (IA) of your intention to attend by registering online at: <http://www.aviation-ia.com/events/>.
The CAE campus and facilities are secured areas. The ARINC IA staff must have the following information by **September 1, 2018**, to allow CAE security time to build an access list and badges:

- First and last name
- Company name

- Company address
- Company email

Please plan on arriving 15 minutes in advance to allow sufficient time for security processing.

Dress code for this meeting is business casual.

Comments or questions regarding any of the agenda items are invited. If you wish any material to be circulated prior to the meeting, please submit your proposals via e-mail to Scott Smith by **September 1, 2018**. After this date, late materials will not be available for review prior to the meeting; they may only be introduced on the agenda with the approval of the chairman and formal consensus of the group.

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Scott Smith. The agenda will be finalized one week prior to the meeting.

Meeting Objectives

The SATCE Working Group will initiate work on **Supplement 1 to ARINC Specification 439A: *Guidance for Simulated Air Traffic Control Environments in Flight Simulation Training Devices***.

ARINC Specification 439A defines and develops guidance on the provision of SATCE in Flight Simulation Training Devices (FSTDs) for the benefit of flight crew training. The standard was developed by a wide range of experts across the pilot training industry for training providers to develop and field SATCE solutions, whether as low-level stand-alone training systems, add-ons to existing flight training devices, or as an integrated part of a high-fidelity flight training device, such as a full flight simulator.

Supplement 1 to ARINC Specification 439A will benefit the following industry stakeholders:

- Airlines/Airline Training Providers
- Operators/Flight Training Organizations
- ICAO/FAA/EASA/NAAs/Other Industry Bodies
- FSTD/Systems Manufacturers and Integrators
- SATCE Vendors

Updates are proposed in the following key areas:

- Further input from the training perspective is required to help reprioritize SATCE features and clarify guidance regarding application across varied training and device types.
- In recognition of the potential training benefits, extend the guidance to cover all levels of flight training, not only focus on ab initio/the MPL.
- Extension of the guidance to include SATCE provision for en route flight phases (this will support application for LOFT sessions).
- Improve guidance on integration of SATCE with TCAS and ADSB FSTD functionality.
- Update guidance regarding CPDLC functionality.

- Improve guidance on interface requirements concerning integration with FSTD visual systems.
- Mature guidance on SATCE for application in rotary wing pilot training.
- Mature guidance on SATCE for applications in military pilot training (ab initio and advanced), including interoperability.
- Clarify and improve Functions and Subjective Tests – Given industry deployments are growing, improvements would support validation of SATCE systems against requirements.
- Improve guidance on data synchronization between SATCE and FSTD and on SATCE data maintenance.
- Improve document readiness for contribution to future regulatory documents/guidance (for example, EASA CS-FSTD(A) and FAA).
- Editorial improvements to document readability and usability. Removal of some legacy/redundant concepts.

**Travel
Information**

Please make your own air and ground travel arrangements. Local hotels may have shuttle service to/from the meeting site. If you would like assistance with hotel accommodations, contact Signature Travel Services for more information:

stsdw@signaturetravelservices.com

Tel +1 972 456-8364

cc

FSEMC Steering Committee