



To SATCE Working Group **Date** October 3, 2018

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Subject **Meeting Announcement**
Simulated Air Traffic Control Environment (SATCE) Working Group

When December 10-11, 2018, from 0900 to 1700
December 12, 2018, from 0900 to 1300

Chairman Ted Chapman, FlightSafety International

Host ARINC Industry Activities (IA) is hosting the SATCE meeting.

Where Meeting Location
Jugendherberge
Youth Hostel, Cologen-Deutz
Siegessstr. 5
50679 Cologne, Germany
Meeting Room – Kyoto

The SATCE Working Group meeting immediately precedes the European FSTD Technical Group meeting on December 13-14, 2018, at the EASA Headquarters. See the EFTeG web page for more information: <https://www.aviation-ia.com/activities/european-fstd-technical-group-efteg>

Hotel Information

There is a good selection of hotels available within walking distance of the Youth Hostel to suit your budget and comfort

Instruction Please notify ARINC Industry Activities (IA) of your intention to attend by registering online at: <http://www.aviation-ia.com/events/>.

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 **December 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 standalone 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.

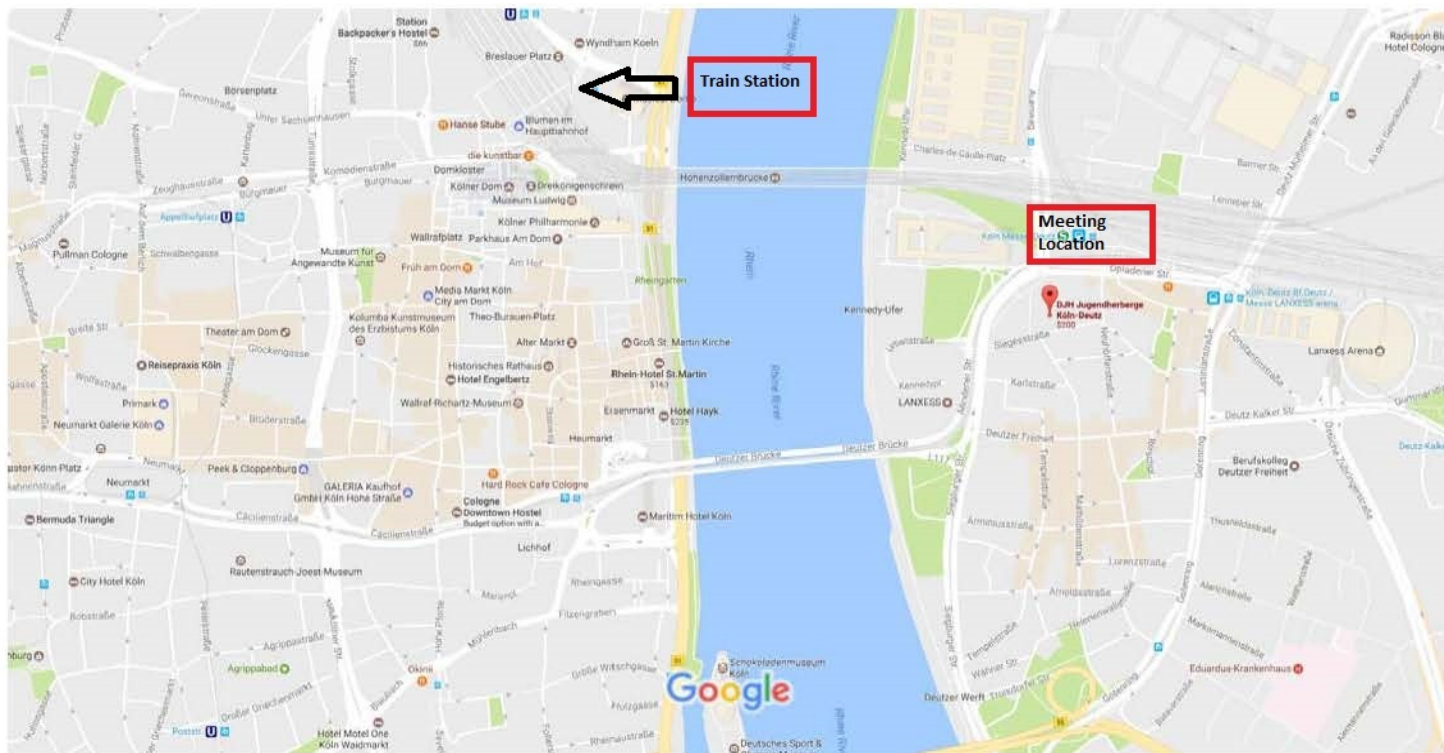
See Attachment 1 for a map of the meeting site and local area.

cc

FSEMC Steering Committee

Attachment 1

Google Maps DJH Jugendherberge Köln-Deutz



Map data ©2017 GeoBasis-DE/BKG (©2009), Google 500 ft



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