



To SCQ Working Group **Date** October 29, 2018

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Subject **Meeting Announcement**
Simulator Continuing Qualification (SCQ) Working Group

When January 15-16, 2019
0900 to 1700
Tuesday-Wednesday

Chairman Tom Shaw, The Boeing Company

Where Meeting Location
Boeing Training Facility
6601 NW 36th Street
Virginia Gardens, Florida 33166 USA

The meeting site is about 5 minutes from the Miami International Airport (MIA). On Tuesday, March 20, please plan on arriving at the meeting 15 minutes early for security processing.

Hotel Information

Boeing has preferred rates at several area hotels. Call your chosen hotel directly to ask about the Boeing rate.

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

The Boeing facility is a secured area. The ARINC IA staff must have the following information by **December 31, 2018**, to allow Boeing security time to build an access list and badges:

- First and last name and work email address
- Company name and physical address
- Country of Citizenship

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 **January 11, 2019**. 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 intent of the SCQ Working Group is to initiate discussion to alternative means of continuing qualification and validation of FSTDs – and share and promote new ideas and ways of optimizing regular testing and checking methods. We invite your organization to participate in this activity to ensure we consider ideas widely from across the industry.

In previous meetings, the group defined and created a software tool to program, record, and recreate flight profiles on flight simulation devices, including Full Flight Simulators. Demonstrations have been accomplished on:

1990 CAE 737-300 2001 FSI 737NG 1990 CAE 737-300
1997 Thomson A320 2014 Sim Industries 767 2018 CAE A320

The flight profile approach to comprehensively validate the simulator behavior reduces engineering setup time, as well as identifies potential modelling regression in near real-time speeds.

The meeting will delve into improving recurrent qualification evaluations outside of the QTG processes. The group's discussions will include:

- Guidance for an alternate means of compliance for the continuing evaluation of FSTDs.
- Developing efficient profiles and mitigating tolerance and latency challenges.
- Guidance material for configuration control for simulator software.
- Recommendations for recurrent qualification testing methodologies.

The meeting is open to all to attend at no charge.

Meeting Schedule

Tuesday (0900-1700)

1. Introductions
2. Detail current and future data needs of training device operators
3. Continue refinement of profile tool for validation and recurrent evaluations

Wednesday (0900-1700)

1. Discuss compliance methods using flight profiles for validation
2. Develop objectives and rough work plan for the group
3. Discuss next web conference, meetings, and assign action items

**Travel
Information**

The meeting site is about 5 miles (8 km) from the Miami International Airport. There are several hotels near the Boeing training facility, and they may also have shuttles to/from the airport and the Boeing facility.

Please make your own air and ground transportation arrangements.

cc

FSEMC Steering Committee