



THE GOLD STANDARD FOR AVIATION SINCE 1935

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RTCA Paper No. 183-20/SC135-730
February 18, 2020

SUMMARY OF THE SEVENTY-SIXTH MEETING

RTCA SPECIAL COMMITTEE 135
ENVIRONMENTAL CONDITIONS AND TEST
PROCEDURES FOR AIRBORNE EQUIPMENT

The Seventy-sixth meeting of RTCA/SC-135 was held virtually on February 18th, 2020.

The following were in attendance:

Bradley Green, SC-135 Chairman	EaglePitcher Technologies
Kyle McMullen, SC-135 Chairman	NIAR
Jacob VanDyke, SC-135 Secretary	Honeywell International Inc.
Rebecca Morrison, Program Director	RTCA, Inc.
Patrick Andre *	Andre Consulting, Inc.
Susan Beard *	Rockwell Collins, Inc.
Mike Falzone *	Garmin Ltd
Brad Green *	EaglePicher Technologies
Pat Hall *	Elite Test
Jim Hatlestad *	The Boeing Company
Terri He *	The Boeing Company
Thineshan Kathirchelvan *	De Haviland Aircraft Canada
David Kerr *	Garmin Ltd.
Kyle McMullen *	NIAR
Scott Miller *	Eagle Management, LLC
Rebecca Morrison *	RTCA
Lee Nguyen *	FAA
Erik Qian*	Aviage Systems
Jacob VanDyke *	Honeywell International Inc.
Ken Webb *	Collins Aerospace



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David Wallen *

FAA

* via Conference Bridge

The agenda for the meeting was as follows:

1. Chairmen’s Opening Remarks, Introductions.
2. Approval of Summary from the Seventy-Fifth Meeting – (RTCA Paper No. 042-20/SC135-728)
3. Review FRAC Comments and Resolutions for Ground Station Document
4. Consider a motion to approve sending Ground Station Document to PMC for publication June 2020
5. Review Schedule
6. Review and Approve any Updates to the Terms of Reference
7. New / Unfinished Business
8. Establish date for next SC-135 Meetings.
9. Closing.

(**Note:** The following report is organized by Agenda Item, although some sections were conducted out of sequence to accommodate some members’ schedules.)

Agenda Item 1 Chairman's opening remarks, Introductions

The plenary session of the Seventy-sixth meeting of RTCA/SC-135 was called to order at 8:58 AM on the 18th of February, 2020. Co-Chairman Brad Green opened the meeting by welcoming those in attendance. Rebecca Morrison reviewed the RTCA Anti-trust, Proprietary and Membership policies. Mr. Green reviewed the agenda for the meeting, and invited attendees to introduce themselves.

Agenda Item 2 Approval of the Summary from the Seventy-Fifth Meeting

SC-135 Secretary Jacob VanDyke read the minutes from the 75th meeting RTCA Paper No. 042-20/SC135-728. A motion was made and seconded to accept the minutes, and the motion was approved unanimously.

Agenda Item 3 **Review FRAC Comments and Resolutions for Ground Station Document**

The committee reviewed output from Commenting Tool for DO-380. In total 20 Editorial, and 6 Medium comments were dispositioned, with various status as stated below for each section.

General content comment 44203 was deferred for revision A and comment 42698 was accepted.

Section 4 – Comment 42694 was accepted.

Section 7 – Comment 42695 was accepted.

Section 8 – Comment 42696 and 42716 were both accepted.

Section 9 – Comment 44198 was deferred for revision A.

Section 10 – Comment 44202 and 44179 were both accepted.

Section 11 – Comment 44180 was accepted

Section 13 – Comment 44181 was accepted

Section 14 – Comment 44185, 44182 and 42697 were all accepted.

Section 16 – Comment 44186 and 44217 were both accepted.

Section 18 – Comment 44178 and 42699 were both accepted.

Section 19 – Comment 44184 and 42717 were both accepted.

Section 20 – Comment 42718 was rejected and comment 42700 was accepted.

Section 22 – Comment 44201 was accepted

Section 24 – Comment 44200 was deferred to revision A.

Section 25 – Comment 44199 was accepted

Section 26 – Comment 42719 was deferred

Agenda Item 4 **Consider a motion to approve sending Ground Station Document to PMC**

Motion to send the Ground Station Document to the PMC for publication in June 2020 was made and seconded, and the motion was approved unanimously.

Agenda Item 5/6 **Review Schedule/Review and Approve any updates to the Terms of Reference**

Co-Chairman McMullen addressed the schedule during the discussion of the ground-based equipment document. Based on the Revised Terms of Reference (TOR), RTCA SC-135 has committed to presenting the first complete draft of DO160H and DO-357A by Q3 of 2024, to support final release by December 2024.



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DO380 Rev A was set for December 2021, revision A will add content for Earthquake and Lightning Direct Effects.

Agenda Item 7 **New/Unfinished Business**

Committee is asking for volunteers to coordinate for Section 9 (Earthquake) and Section XX (Direct Effects Lightning) for the DO-380 document. Keith Peavler accepted the role of change coordinator for Section 16 of DO-380.

Agenda Item 8 **Establish Date for Next SC-135 Meeting**

The next SC-135 meeting will be held virtually. Dates of the meeting will be from Monday, October 26th through Thursday, October 29th, 2020.

Agenda Item 9 **Closing and Adjourn**

Brad Green asked for a motion to adjourn the meeting. A motion was offered, seconded, and unanimously approved. The meeting was adjourned at 10:58 AM on Tuesday, February 18th, 2020.

-S-
Bradley Green
Chairman

-S-
Kyle McMullen
Chairman

-S-
Jacob VanDyke
Secretary

Certified as a true and accurate summary of the meeting.