

**RTCA PROGRAM MANAGEMENT COMMITTEE
MEETING SUMMARY
June 21, 2018**

The RTCA Program Management Committee (PMC) convened at 8:30 a.m. on June 21, 2018 at RTCA. The attendance list and action items are attached.

AGENDA ITEM 1

Welcome and Introductions

- A. PMC Chairman Dr. Chris Hegarty welcomed the group, asked attendees to introduce themselves and to note their organization of affiliation. PMC Secretary Karan Hofmann reviewed the anti-trust statement, proprietary policy, and membership policy.
- B. RTCA President Margaret Jenny gave a presentation covering the new Standards Development Organization (SDO) designation for RTCA. She included a short history of RTCA, the things that will change with this new organization designation and those things that will not change. Presentation is posted on Workspace (RTCA Paper No. 152-18/PMC-1762).

AGENDA ITEM 2

Review / Approve

- A. The summary of the March 22, 2018 meeting was approved with change inputs received during review period (RTCA Paper No. 101-18/PMC-1743).
- B. Administrative Special Committee Terms of Reference (TOR) Revision: All TORs were administratively approved to change the term Designated Federal Officer (DFO) to Government Authorized Representative (GAR) to align with the new RTCA SDO designation. Follow-on discussion led to the PMC members determining to change the RTCA document "Foreword" section to remove FAC reference and change the DFO title in the "Membership" section to GAR (Action 1). These changes need to be included in the Style and Drafting Guides (Action 2).

AGENDA ITEM 3

Publication Consideration/Approval

- A. **New Document – *Minimum Operational Performance Standard (MOPS) for GNSS Active Antenna in the L1/E1 and L5/E5a Bands* prepared by SC-159 (Navigation Equipment Using the Global Navigation Satellite System (GNSS))**
 - Sai Kalyanaraman (SC-159 WG-7 Chairman) presented.

The purpose of this MOPS is to specify performance requirements for an active integrated dual frequency GNSS Aviation Antenna. This includes requirements that address reception of GNSS signals that support safety of life aviation applications in the L1/E1 (centered at 1575.42 MHz) and L5/E5a (centered at 1176.45 MHz) bands. The requirements developed in this antenna MOPS support a range of flight phases including enroute, terminal, approach, precision landing and surface operations. In comparison to RTCA/DO-301, this antenna MOPS specifies better needed performance in the L1/E1 band for parameters including (but not limited to) G/T, group delay differential, axial ratio and boresight frequency response.

The PMC approved the document. It will be published as DO-373.

B. Revision to DO-356 – *Airworthiness Security Methods and Considerations* prepared by SC-216, Aeronautical Systems Security

- Dave Pierce (SC-216 Chairman) and Siobvan Nyikos (SC-216 Secretary) presented.

This document is the joint product of two industry committees: the EUROCAE Working Group WG-72, titled “Aeronautical Systems Security” and the RTCA Special Committee SC-216, also titled “Aeronautical Systems Security”.

This document provides a set of methods and guidelines that may be used within the airworthiness security process defined in RTCA DO-326A / EUROCAE ED-202A, *Airworthiness Security Process Specification*. It is recognized that alternative methods to the processes described or referenced in this document may be available to an organization desiring to obtain certification.

This document does not provide guidelines concerning the structure of an individual organization or how the responsibilities for certification activities are divided. No such guidance should be inferred from the descriptions provided.

The group recommended review of the new WG-72 TOR for possible overlap and continued joint work to keep documents harmonized. After discussion, the PMC members felt it was not appropriate to open DO-355 (joint document with ED-204 which is slated for update in the latest WG-72 TOR) at the current time. PMC requested RTCA share this concern with EUROCAE (Action 1) and FAA discuss with EASA SC-216/WG-72 activity (Action 2).

The PMC approved the document. It will be published as DO-356A.

C. Change to DO-213A – *Minimum Operational Performance Standards for Nose-Mounted Radomes* prepared by SC-230 (Weather Detection Systems)

- Dawn Gidner and Jeff Finley (SC-230 Co-Chairmen) presented.

This document contains minimum operational performance standards for radomes for use with airborne weather radars with or without forward-looking windshear detection capability. These standards specify radome characteristics for designers, manufacturers, installers, and users of the equipment.

It establishes radome performance requirements to ensure that the radome characteristics do not adversely interfere with the performance of weather radar systems, including those with predictive windshear functions. It also includes testing requirements to ensure that the radome continues to perform correctly after repair.

The PMC approved the document. It will be published as DO-213A Change 1.

There was also discussion on the lack of documentation on definitions of errata, change, and revision. RTCA was tasked to prepare these and present to next PMC meeting (Action).

D. Change to DO-220A – *Minimum Operational Performance Standards (MOPS) for Airborne Weather Radar Systems* prepared by SC-230 (Weather Detection Systems)

- Dawn Gidner and Jeff Finley (SC-230 Co-Chairmen) presented.

Since the last revision to DO-220, there have been many technological advances in the field of airborne weather radar. DO-220A incorporates updates and corrections to the previous version. In addition to modernizing the requirements and test procedures for the weather, ground mapping, and predictive windshear functions set out in its predecessors, SC-230 has added specifications for radar detection of turbulence and atmospheric threat awareness. Any of these functions may be implemented individually or in combination with any others. DO-220A has been designed such that the requirements and test procedures for each function are grouped into distinct sections to facilitate testing and showing of compliance.

The PMC did not approve the document. After discussion, the PMC agreed to delete newly added unannounced failure requirements and test procedures. PMC members will review electronically and provide inputs by July 6th. (Action)

E. Revision to DO-230H – *Standards for Airport Security Access Control Systems*, prepared by SC-224 (Standards for Airport Security Access Control Systems)

- Dr. Jonathan Branker, SC-224 member, presented.

The document provides guidance on acquiring and designing airport security access control systems, testing and evaluating system performance, and operational requirements.

It should be emphasized that these guidelines and standards are not regulatory in nature but represent the industry's derived consensus on standards and provisions to be met in achieving consistency and interoperability in an airport access control environment.

This updated document incorporates the latest technological advances in the credentialing section. The nature of the changes in available technology, and the need to enhance sub-sections pertaining to the credentialing process, identity verification enhancements with the criminal history records checks, inspection process for credential holders, and enhanced oversight outlined by the TSA. Guidance for a credentialing operational checklist were also added to this section.

The PMC approved the document. It will be published as DO-230I.

AGENDA ITEM 4
Integration and Coordination Committee (ICC)

No updates reported.

AGENDA ITEM 5
Cross Cutting Committee (CCC)

No updates reported.

AGENDA ITEM 6
Action Item Review.

A. Availability of RTCA documents as reference for EUROCAE WGs – Discussion

- Al Secen, RTCA Vice President, Aviation Technology and Standards, presented.

RTCA and EUROCAE, as part of the bi-lateral agreement, have developed a process to allow exchange of documents with Working Groups and members working on joint documents (even if not member of other's organization). Documents can be seen but will not be printable or downloadable. Expect implementation within a month. Action closed.

B. Work to suggest correct mapping and outline configuration management in coordination with ICAO – Discussion

- Al Secen, RTCA Vice President, Aviation Technology and Standards, presented.

Similar to agenda item 6A and related to new MOA with ICAO, RTCA and EUROCAE will use the same method to share documents with ICAO. Working the reverse process (ICAO documents available to us) portion. And RTCA, EUROCAE, and ARINC are working on a letter to ICAO encouraging ICAO to invoke the MOA and reference our documents in SARPS. Will include current RTCA documents and possible future documents. Action still open.

C. Ad Hoc to work SC-223 TOR - Discussion

- Rebecca Morrison (RTCA Program Director) and Alope Roy (SC-223 Chairman), presented.

After discussion at the March 21st PMC meeting, an Ad Hoc was created to discuss the scope and true purpose of the MOPS designated as a deliverable in the TOR. The Ad Hoc met in April and determined the document should be a MASPS vs. a MOPS. Additionally, the delivery of Profiles for IPS Suite was recommended to be slipped by one year. Action closed.

The updated TOR was approved (RTCA Paper No. 174-18/PMC-1779).

D. SC-147 TOR Revision – Discussion

- Al Secen, RTCA Vice President, Aviation Technology and Standards, presented.

SC-147 was directed to provide additional information – specifically updates for Scope, Envisioned Use of Deliverables, and Specific Guidance sections relative to the new MASPS that was part of the approved TOR from the March 21, 2018 PMC meeting. The presented update included these items. Action closed.

The updated TOR was approved (RTCA Paper No. 166-18/PMC-1771).

E. Generate TRA WP Cover Letter and forward to FAA - Status

- Karan Hofmann (PMC Secretary) and Barry Davis (Manager Safety Policy, FAA/AOV-110), presented.

A copy of the package is posted on Workspace (RTCA Paper No. 141-18/PMC-1757). Action closed.

Mr. Davis provided an overview of the Program Management’s perspective on adding a graphic TRA as part of FIS-B data transmission. It will not be a “plug and play” effort, so may take adjustment of priorities to complete.

F. Provide NEC and Interference Reports Available to PMC Members – Status.

- Karan Hofmann, PMC Secretary, presented.

Items were provided by NAC and TOC Program Directors and posted in Workspace under PMC March 21, 2018 folder for member access. Action Closed.

G. Follow Up on WG-98 Tasking with EUROCAE – Discussion.

- Rebecca Morrison, RTCA Program Director, presented.

During the EUROCAE/RTCA Coordination presentation at the March PMC meeting members requested more information on the interpretation of the 2018 ICAO Annex 6 “Mandate” and the WG-98’s MASPS work to address GADSS requirement. They wanted some context on the selection of technology specific (ELT) implementation of the mandate.

EUROCAE responded with clarification that additional scope for EUROCAE working groups can come from any member of EUROCAE. Since the request was coordinated by the WG-98 Chairman, he presented the initial request and was willing to host the effort in his committee. The proposed scope was reviewed by the TAC.

- The TAC agreed with the proposed scope and keeping the effort within WG-98
- A Subgroup for WG-98 has been created which includes new members who responded to the call for participation
- Participation is still possible and you can contact the EUROCAE TPM (Anna Guegan) for more information

Ms. von Groote added that the work will be addressed by a subgroup of WG-98 and will not jeopardize the MOPS delivery. Action closed.

H. Provide ALPA input on dissent for SC-228 TOR revision - Status

- Karan Hofmann, PMC Secretary, presented.

Randy Kenagy, ALPA, provided dissenting concerns for the approved SC-228 TOR from March 2018 PMC meeting. These were included in meeting summary (agenda item 2A). Action closed.

I. Provide scope limitation recommendation exact wording to ALPA - Status

- Karan Hofmann, PMC Secretary, presented.

SC-228 Leadership and ALPA are engaged in discussion to share information on this topic. Action closed.

J. Coordinate with WG-51 to work jointly with SC-186 - Status

- Al Secen, RTCA Vice President, Aviation Technology and Standards, presented.

Working with TAC to include joint effort in the WG-51 TOR. Ms. von Groote reported the call for membership went out and expect approval by the end of August. Action closed.

AGENDA ITEM 7

Discussion.

A. SC-206 – Aeronautical Information and Meteorological Data Link Services – Discussion – Revised TOR

- Tom Evans (SC-206 Co-Chairman) and Eldridge Frazer (SC-206 GAR) presented.

The committee requested to rejoin WG-76 to harmonize their efforts to update DO-364 (MASPS for Aeronautical Information / Meteorological Data Link Services) and publish as joint document in September 2020. The group also requested a three month slip on publishing the MOPS for FIS-B with UAT to include Mutli-Radar Multi-Sensor reflectivity mosaic inputs to Regional and CONUS NEXRAD and add another revision of the document to add additional FIS-B products.

The PMC requested additional clarification be added to the “Envisioned Use” section of TOR. PMC members will review electronically and provide inputs by July 6th. (Action)

Mr. Arbuckle expressed concern for possible impact of the new MASPS on CSC’s work. Mr. Frazer and Mr. Arbuckle will discuss further. (Action)

B. SC-213 – Enhanced Flight Vision Systems/Synthetic Vision – Discussion – Possible Revised TOR

- Patrick Krohn (SC-213 Co-Chairman) presented.

SC-213 provided an update on work status and proposed upcoming TOR changes. The status of a suggested CVA MASPS is still to be determined. SC-213 had planned on publishing as a joint committee white paper. The EUROCAE TAC directed WG-79 to complete the document for publication as a MASPS. This will be discussed their September Plenary.

- The presentation is posted on Workspace (RTCA Paper No. 155-18/PMC-1763).

C. SC-230 -- Weather Detection Systems – Discussion – Revised

- Dawn Gidner and Jeff Finley (SC-230 Co-Chairmen) presented.

The committee requested to include High Altitude Ice Crystal Detection requirements in DO-220A Change 1 as well as determine realistic goals for airborne LIDAR systems for use as a clear air turbulence detection function and develop a MOPS for airborne LIDAR systems.

PMC members thought a feasibility study was more appropriate for the airborne LIDAR systems, as it is still on-going research and it may be too soon to develop a MOPS. The committee agreed to change the appropriate wording in the TOR. PMC members will review electronically and provide inputs by July 6th. (Action)

D. SC-236 – Standards for Wireless Avionics Intra-Communication System (WAIC) within 4300-4400 MHz – Discussion – Revised TOR

- Michael Franceschini (SC-236 Chairman) presented.

SC-236 requested adding a MASPS for Coexistence of Wireless Avionics Intra-Communication Systems within 4200-4400 MHz to support meeting an ICAO suspense for harmonization on the subject area and notifying PMC of a GAR change.

The PMC approved the revised TOR (RTCA Paper No. 179-18/PMC-1784).

E. Actions Taken on Previously Published Documents – Report and Government Authorized Representative (GAR) List –Update.

- Lou Volchansky, PMC GAR – FAA, presented

FAA Published Documents that reference published RTCA Documents, FAA Pending Documents for RTCA Documents Published, and FAA plans for RTCA Documents pending PMC approval were reviewed. Original document is posted in Workspace (RTCA Paper No. 137-18/PMC-1761).

FAA Published Guidance (Since Previous PMC)

RTCA Document	Developed By	FAA Guidance	Approval Date	Comment
DO-311A, MOPS for Rechargeable Lithium Batteries and Battery Systems	SC-225	TSO-C179b	21 March 2018	Design standard for rechargeable lithium batteries
DO-227A, MOPS for Non-Rechargeable Lithium Batteries	SC-235	TSO-C142b	March 2018	Design standard for non-rechargeable lithium batteries

RTCA Published Documents - FAA Pending Guidance

RTCA Document	Developed By	FAA Guidance	Planned Release Date	Comment
DO-362, Command and Control Data Link MOPS	SC-228	AC 20-187	July 2018 (5 months late)	Airworthiness C2 installation guidance.
DO-365, Detect and Avoid MOPS Phase I. DO-366, MOPS for Air-to-Air Radar for Traffic Surveillance	SC-228	AC 20-DAA	August 2018	Airworthiness installation of a UAS DAA system
DO-262C, MOPS for Avionics	SC-222	TSO-C159d	July 2018	Includes improvements to test cases for Iridium

Supporting Next Generation Satellite Systems				Short Burst Data testing and Inmarsat SBB ATN/OSI functionality with improved security
DO-311A, MOPS for Rechargeable Lithium Batteries and Battery Systems	SC-225	AC 20-184A	August 2018	Installation standard for rechargeable lithium batteries
DO-315A, MASPS for EVS, SVS, CVS, EFVS	SC-213	AC 20-167B	July 2018	Consolidates enhanced and combined vision system airworthiness criteria. No new criteria.
DO-315A, DO-359, MASPS for Synthetic Vision Guidance System, MASPS for Aircraft State Awareness Synthetic Vision Systems	SC-213	AC 20-185A	July 2018	Consolidates synthetic vision, synthetic vision guidance system, and airplane state awareness guidance
DO-227A, MOPS for Non-Rechargeable Lithium Batteries	SC-235	AC	Sep 2018	Airworthiness installation criteria for non-rechargeable lithium batteries
DO-343A MASPS for AMS(R)S Data and Voice Communications Supporting Required Communications Performance and Required Surveillance Performance	SC-222	None at this time	N/A	Update for SATCOM Performance Class B supporting RCP130 including ground gateway-to-aircraft gateway VPN capability
DO-368, MOPS for GPS/GLONASS (FDMA + Antenna) L1-only Airborne Equipment	SC-159	Under review	—	—

DO-246E, GNSS-Based Precision Approach Local Area Augmentation System Signal-in-Space Interface Control Document	SC-159	None	—	This document is a reference for DO-253D. It is published by RTCA for the convenience of avionics OEMs.
DO-253D, MOPS for GPS Local Area Augmentation System Airborne Equipment	SC-159	TSO-C161b and TSO-C162b	July 2018 Postponed	VDB issue needs resolution. TSO delayed until MOPS corrected. Otherwise, will incorporate updated GAST-D design standard to support Category II/III operations; maintenance updates to legacy standards.
Addressing Human Factors/Pilot Interface Issues for Avionics	SC-233	AC	September 2018	Best practices, informational AC (00-HF)
Guidelines for the In Situ Eddy Dissipation Rate (EDR) Algorithm Performance	SC-206	TBD	N/A	N/A
DO-230H, Standards for Airport Security Access Control Systems	SC-224	N/A	N/A	Updates the credentialing, and access control systems and communications sections
DO-257B, MOPS for the Depiction of Navigational Information on Electronic Maps	SC-227	TSO-C165b	October 2018	Supports updated requirements for the electronic display of an RNP system's outputs IAW DO-236C and DO-283B. Updates embrace new display technologies and revised human factors considerations.

RTCA Documents Pending PMC Approval

RTCA Document	Developed By	Planned FAA Guidance	Planned Release Date	Comment
MOPS for GNSS Active Antenna in the L1/E1 and L5/E5A Bands	SC-159	TSO	TBD	New TSO. (Need updated interference environment, estimated Q1CY2019)
DO-356A, Airworthiness Security Methods and Considerations	SC-216	AC	TBD	Support Special Conditions
DO-213A, Change 1, MOPS for Nose-Mounted Radomes	SC-230	(AC 20-182A)	Feb 2019	Reference in AC 20-182A revision
DO-220A, Change 1, MOPS for Airborne Weather Radar Systems	SC-230	TSO-C63e revision; AC 20-182A revision	Feb 2019	Aircraft weather radar design approval and installation guidance
Revision to DO-230H, Standards for Airport Security Access Control Systems	SC-224	N/A	N/A	Provides guidance on acquiring and designing systems, testing and evaluating system performance, and operational requirements. Incorporates the latest technological advances. Adds a credentialing operational checklist.

F. Special Committees - Chairmen’s Reports, Active Inter-Special Committee Requirements Agreements (ISRA) – Review.

- Rebecca Morrison, RTCA Program Director, presented.

Highlights from the Chair Reports for several selected Special Committees were reviewed. Reports were received from SC-135, SC-159, SC-214, SC-216, and SC-224. SC-209, SC-217, SC-222, SC-227, SC-228, and SC-229 did not meet in Plenary session since last PMC meeting. Other information was included in other presentations during this PMC.

The complete matrix and individual committee reports are posted on Workspace (RTCA Paper No. 138-18/PMC-1754).

G. European/EUROCAE Coordination – Status Update.

- Rebecca Morrison, RTCA Program Director, presented.

Topics of Note:

- New Documents Released by EUROCAE since last PMC
 - ED-251 – *Operational Services and Environment Definition for RPAS Automatic Taxiing* – WG-105
 - ED-252 - *Operational Services and Environment Definition for RPAS Automatic Take-off and Landing* – WG-105
 - ER-016 – *RPAS 5030-5091 MHz CNPC LOS and BLOS Compatibility Study* – WG-105
 - ER-008 – *Development of Atmospheric Neutron Single Event Effects Analysis for Use in Safety Assessments* – WG-62
- New Working Group
 - WG-109 - Runway Weather Information Systems Strategy
 - Approved February 26, 2018 by the EUROCAE Council
 - Producing a MASPS by May 2020
 - Initial meeting took place May 23-24,2018 at EUROCAE
 - Is RTCA interested in making this joint work?
 - PMC members requested copies of TORs to allow review before determining if new efforts should be joint or not (Action to get WG-109 TOR)
- New Scope for WG-72
 - Cyber Work – Update by WG-72 to ED-201, ED-204 (Joint with DO-355) and a new document on security event management (Action to get new WG-72 TOR)
 - Call for Participation sent June 11, 2018
 - Kick off expected in mid-September
- EUROCAE Meetings in 2018:
 - TAC #74: August 29-30, 2018
 - TAC #75: October 22-23, 2018

AGENDA ITEM 8

Other Business.

A. SC-224 – Standards for Airport Security Access Control Systems – Discussion – Revised TOR

- Dr. Jonathan Branker, SC-224 member, presented.

SC-224 requested addition of the next two revisions of DO-230. These include DO-230J to cover comprehensive update of Credentialing section, comprehensive update of Procurement section, update of PIDS section, update to Biometrics section, and updates to PACS section. And DO-230K to include comprehensive update of video section and comprehensive update of communications section.

The revised TOR was approved (RTCA Paper No. 175-18/PMC-1780).

B. SC-186 – Automatic Dependent Surveillance Broadcast (ADS-B) – Discussion – Revised TOR

- Jessie Turner, SC-186 Co-Chairman, presented.

SC-186 requested addition of the next two new taskers for revisions to DO-317B ASA MOPS. A Change 1 for correction of issues with TSAA test vectors and update Appendix H and a full revision to review/add CAVS requirements to support dependent parallel runway applications and changes to Traffic prioritization to support FIM. They also changed DFO to GAR.

The revised TOR was approved (RTCA Paper No. 168-18/PMC-1773).

C. Providing Redlined Document Versions – Discussion

- Clay Barber, PMC Member, presented.

Once a revised MOPS is published, Mr. Clay recommended having a redline/change bar version of the updated MOPS available to help a company's personnel responsible for updating the MOPS requirements are captured in their requirement tracing tools.

After some high-level discussion of pros and cons, RTCA volunteered to lead an investigation with interested PMC members on the feasibility of providing redlined versions of completed documents. (Action)

D. ACSS CtL Follow Up – Discussion

- Al Secen, RTCA Vice President, Aviation Technology and Standards, will present.

EUROCAE noticed the ACSS CtL indicated there would have to be a renegotiation of CtL for each revision to either document (DO-181F and DO-260C). We are currently working a rewording to eliminate this requirement.

AGENDA ITEM 9

Schedule for Committee Deliverables and Next Meeting Date

Documents expected for the September 2018 meeting:

- SC-147, Traffic Alert and Collision Avoidance System
 - New Document – *New MOPS to Specify the ACAS X_a System and ACAS X_o Functionality*
- SC-213, Enhanced Flight Vision Systems/Synthetic Vision Systems
 - New Document – *MASPS for A Combined Vision Systems for Rotocraft Operations*
 - New Document – *SPR for Vision Systems for Takeoff*
- SC-214, Standards for Air Traffic Data Communication Services
 - DO-281C – *MOPS for aircraft VDL Mode 2 Physical Link and Network Layer*
 - DO-224D – *Signal-in-Space MASPS for Advanced VHF Digital Data Communications Including Compatibility with Digital Voice Techniques*

The dates for the next four PMC meetings were confirmed: Thursday, September 20, 2018; Thursday, December 13, 2018; Thursday, March 21, 2019; and Thursday, June 20, 2019.

AGENDA ITEM 10

New Action Item Summary

See PMC Action Item Table.

/Signed/

Karan Hofmann, Secretary
RTCA Program Management Committee

CERTIFIED to be a true and accurate report of the meeting.

/Signed/

Christopher Hegarty, Chair
RTCA Program Management Committee

**Program Management Committee – June 21, 2018
ATTENDANCE LIST**

PMC MEMBERS:

Christopher	Hegarty	The MITRE Corporation Chairman
Doug	Arbuckle	Federal Aviation Administration
Clay	Barber	Garmin Ltd.
Chris	Benich	Honeywell International, Inc.
Steve	Brown	National Business Aviation Association
John	Craig	Aviation Information Sharing and Analysis Center
Jens	Hennig	General Aviation Manufacturers Association
Robert	Hess	U.S. Army
Margaret	Jenny	RTCA, Inc.
Randy	Kenagy	Air Line Pilots Association
Robert	Lee	Rockwell Collins, Inc.
George	Ligler	Project management Enterprises, Inc.
Bill	McWhirter	U.S. Air Force
Jessie	Turner	The Boeing Company
Lou	Volchansky	Federal Aviation Administration (Government Authorized Representative)

OTHER ATTENDEES:

Moin	Abulhosn	Federal Aviation Administration
Jonathan	Archer	General Aviation Manufacturers Association
Jonathan	Branker	Federal Aviation Administration
Ross	Burton	CSSI, Inc.
Andy	Cebula	RTCA, Inc.
Barbara	Clark	Federal Aviation Administration
Barry	Davis	Federal Aviation Administration
Tim	Etherington	Rockwell Collins, Inc.
Tom	Evans	NASA
Jeffery	Finley	Rockwell Collins, Inc.
Michael	Franceschini	Honeywell International, Inc.
Eldridge	Frazier	Federal Aviation Administration
Dawn	Gidner	Honeywell International, Inc.
Karan	Hofmann	RTCA, Inc.
Sai	Kalyanaraman	Rockwell Collins, Inc.
Patrick	Krohn	Universal Avionics
John	Moore	Rockwell Collins, Inc.
Rebecca	Morrison	RTCA, Inc.

Andy	Pasztor	Wall Street Journal
Brent	Phillips	Federal Aviation Administration
Dave	Pierce	GE
Steve	Rines	Zii Aero
David	Robinson	Federal Aviation Administration
Aloke	Roy	Honeywell International, Inc.
Safarian	Shoehreh	Federal Aviation Administration
Stuart	Searight	Federal Aviation Administration
Al	Secen	RTCA, Inc.
Paul	Takemoto	Federal Aviation Administration
Luke	Tschacher	The Boeing Company
Brian	Verna	Federal Aviation Administration
Anna	von Groote	EUROCAE
Christer	Wilkinson	AECOM

PMC ACTION ITEM TABLE

TRACKING NUMBER (Meeting Date and agenda item from which original action resulted)	ACTION	ACTION ASSIGNED TO	DUE DATE	STATUS
03/21/2017 Agenda Item 7B	03/21/2017 – Define process/procedure for availability of RTCA documents as reference for selected EUROCAE WG’s 06/22/2017 – Still being worked 09/21/2017 – Still being worked 12/19/2017 – Documentation of process being finalized 03/22/2018 – Still working final details 06/21/2018 – Expect implementation within one month	RTCA Al Secen	Jun 2018	Closed
03/22/2018 Agenda Item 6C	03/22/2018 – RTCA & FAA work to suggest correct mapping and outline CM in coordination w/ICAO	Lou Volchansky, Chris Hegarty, Doug Arbuckle, Brent Phillips, Al Secen	Jun 2018	Open
03/22/2018 Agenda Item 7A	03/22/2018 – Ad Hoc to work SC-223 TOR 06/21/2018 – TOR presented and approved	SC-223 & WG-108 Leads, Lou Volchansky, Jessie Turner, John Craig	Jun 2018	Closed
03/22/2018 Agenda Item 7D	03/22/2018 – SC-147 TOR Revision 06/21/2018 – TOR presented and approved	SC-147	Jun 2018	Closed
03/22/2018 Agenda Item 7E	03/22/2018 – Generate TRA WP Cover Ltr & Forward to FAA	Margaret Jenny, Karan Hofmann	Jun 2018	Closed
03/22/2018 Agenda Items 7F&7G	03/22/2018 – Make NEC and Interference Reports available for PMC members	Karan Hofmann	Jun 2018	Closed
03/22/2018 Agenda Item 7K	03/22/2018 – Follow up on WG-98 tasking with EUROCAE	Rebecca Morrison	Jun 2018	Closed
03/22/2018 Agenda Item 9E	03/22/2018 – Provide ALPA input on dissent for SC-228 TOR change	Randy Kenagy	Jun 2018	Closed
03/22/2018 Agenda Item 9E	03/22/2018 – Provide recommendation exact wording to ALPA on scope limitation	Richard Heinrich	Jun 2018	Closed
03/22/2018 Agenda Item 9I	03/22/2018 – Coordinate with WG-51 to work jointly with SC-186	Al Secen	Jun 2018	Closed
06/21/2018 Agenda Item 2B	06/21/2018 – Change Foreward in all documents to remove FAC reference and DFO title for membership list	RTCA Editor	Jun 2018	Open
06/21/2018 Agenda Item 2B	06-21-2018 – Update Style and Drafting Guide to reflect Forward and DFO action above	RTCA Staff	Sep 2018	Open
06/21/2018 Agenda Item 3B	06/21/2018 – Discuss with EASA SC-216/WG-72 Activity	FAA Lou Volchansky	Sep 2018	Open
06/21/2018 Agenda Item 3B	06/21/2018 – Share PMC concern with EUROCAE for opening ED-204 (joint DO-355) at this time	RTCA Al Secen	Sep 2018	Open
06/21/2018 Agenda Item 3C	06/21/2018 – Document definitions of errata, change, and revision	RTCA Staff	Sep 2018	Open

06/21/2018 Agenda Item 3D	06/21/2018 – Adjust DO-220A Change 1 and send to PMC members for review/approval by 07/06	SC-230 and RTCA Staff	Jul 2018	Open
06/21/2018 Agenda Item 7A	06/21/2018 – Adjust wording in SC-206 TOR to clarify envisioned use of revision to DO-364 and send to PMC members for review/approval by 07/06	SC-206 and RTCA Staff	Jul 2018	Open
06/21/2018 Agenda Item 7A	06/21/2018 – Discuss work on revising DO-364 with D. Arbuckle on concern for impact on CSC work	FAA Eldridge Frazer	Sep 2018	Open
06/21/2018 Agenda Item 7C	06/21/2018 – Adjust SC-230 TOR to change LIDAR MOPS to Feasibility Study throughout and send to PMC member for review/approval by 07/06	SC-230 and RTCA Staff	Jul 2018	Open
06/21/2018 Agenda Item 7G	06/21/2018 – Provide WG-109 and new WG-72 TORs to PMC members	RTCA Karan Hofmann	Sep 2018	Open
06/21/2018 Agenda Item 8C	06/21/2018 – Investigate feasibility of providing redlined versions of completed documents	RTCA and Interested PMC Members	Sep 2018	Open