

RTCA PMC March 16, 2023
 FAA Document Status Report
 RTCA Paper No. 063-23/PMC-2406

FAA Closed Actions Since Previous PMC									
Committee Document Number / Work ID Number	Committee Document Title	SDO Committee Number	FAA Update	FAA Deliverable #1 Use of Standard	FAA Deliverable #1 Document Number	FAA Deliverable #1 Signature Date	FAA Deliverable #2 Use of Standard(if applicable)	FAA Deliverable #2 Document Number	FAA Deliverable #2 Signature Date
5G Interference Document	Assessment of C-Band Mobile Telecommunications Interference Impact on Low Range Radar Altimeters	SC-239	Reference Document so nothing to implement for FAA.	N/A		12/30/22			
DO-181F	Minimum Operational Performance Standards for Air Traffic Control Radar Beacon System/Mode Select (ATCRBS/MODE S) Airborne Equipment	SC-209	AC 20-Mode-S target completion date is 12/31/23. TSO-C112f is complete.	Advisory Circular	20-Mode S		Technical Standard Order	C112f	03/10/23
DO-181F Change 1	Minimum Operational Performance Standards for Air Traffic Control Radar Beacon System/Mode Select (ATCRBS/MODE S) Airborne Equipment	SC-209	AC 20-Mode-S target completion date is 12/31/23. TSO-C112f complete.	Advisory Circular	20-Mode S		Technical Standard Order	C112f	03/10/23
DO-260C	Minimum Operational Performance Standards for 1090 MHz Extended Squitter Automatic Dependent Surveillance – Broadcast (ADS-B) and Traffic Information Services – Broadcast (TIS-B)	SC-186	TSO and AC. TSO-C166c is complete. AC 20-165C is in development.	Advisory Circular	20-165C		Technical Standard Order	C166c	03/10/23
DO-260C change 1	Minimum Operational Performance Standards for 1090 MHz Extended Squitter Automatic Dependent Surveillance – Broadcast (ADS-B) and Traffic Information Services – Broadcast (TIS-B)	SC-186	TSO and AC. TSO-C166c is complete. AC 20-165C is in development.	Advisory Circular	20-165C		Technical Standard Order	C166c	03/10/23
DO-282C	Minimum Operational Performance Standards for Universal Access Transceiver (UAT) Automatic Dependent Surveillance - Broadcast (ADS-B)	SC-186	AC and TSO. TSO-C154d is complete. AC 20-165C is in development.	Advisory Circular	20-165C		Technical Standard Order	C154d	03/10/23
DO-362A	C2 Data Link MOPS (Terrestrial)	SC-228	TSO-C213a published 12/20/22.	Technical Standard Order	C213a	12/20/22			
DO-377A	C2 Link MASPS	SC-228	TSO-C213a published 12/20/22.	Technical Standard Order	C213a	12/20/22			
DO-378A	Minimum Aviation System Performance Standard (MASPS) for Coexistence of Wireless Avionics Intra-Communication Systems within 4200-4400 MHz.	SC-236	The FAA has no plans to invoke the MASPs. The MASPS is intended to support future MOPS development.	N/A		12/09/22			
DO-397	Guidance Material: Navigation Gaps for Unmanned Aircraft Systems (UAS)	SC-228	FAA plans not to invoke or use this standard directly. FAA is open to industry proposing as MOC in certification projects.	N/A		12/13/22			

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RTCA Published Documents Pending FAA Action									
Committee Document Number / Work ID Number	Committee Document Title	SDO Committee Number	FAA Update	FAA Deliverable #1 Use of Standard	FAA Deliverable #1 Document Number	FAA Deliverable #1 Target Completion Date	FAA Deliverable #2 Use of Standard(if applicable)	FAA Deliverable #2 Document Number	FAA Deliverable #2 Target Completion Date
DO-181F	Minimum Operational Performance Standards for Air Traffic Control Radar Beacon System/Mode Select (ATCRBS/MODE S) Airborne Equipment	SC-209	AC 20-Mode-S target completion date is 12/31/23. TSO-C112f is complete.	Advisory Circular	20-Mode S	12/31/23	Technical Standard Order	C112f	03/10/23
DO-181F Change 1	Minimum Operational Performance Standards for Air Traffic Control Radar Beacon System/Mode Select (ATCRBS/MODE S) Airborne Equipment	SC-209	AC 20-Mode-S target completion date is 12/31/23. TSO-C112f complete.	Advisory Circular	20-Mode S	12/31/23	Technical Standard Order	C112f	03/10/23
DO-236D	Minimum Aviation System Performance Standards: Required Navigation Performance for Area Navigation	SC-227	The FAA intends to use the updated minimum requirements in DO-236D for aircraft-level RNP approvals in AC 20-138E	Advisory Circular	20-138E	12/31/23			
DO-260C	Minimum Operational Performance Standards for 1090 MHz Extended Squitter Automatic Dependent Surveillance – Broadcast (ADS-B) and Traffic Information Services – Broadcast (TIS-B)	SC-186	TSO and AC. TSO-C166c is complete. AC 20-165C is in development.	Advisory Circular	20-165C	12/31/23	Technical Standard Order	C166c	03/10/23
DO-260C change 1	Minimum Operational Performance Standards for 1090 MHz Extended Squitter Automatic Dependent Surveillance – Broadcast (ADS-B) and Traffic Information Services – Broadcast (TIS-B)	SC-186	TSO and AC. TSO-C166c is complete. AC 20-165C is in development.	Advisory Circular	20-165C	12/31/23	Technical Standard Order	C166c	03/10/23
DO-262F Change 1	NGSS avionics MOPS	SC-222	FAA plans to update TSO to incorporate DO-262F Change 1.	Technical Standard Order	C159 Change 1	03/31/23			
DO-282C	Minimum Operational Performance Standards for Universal Access Transceiver (UAT) Automatic Dependent Surveillance - Broadcast (ADS-B)	SC-186	AC and TSO. TSO-C154d is complete. AC 20-165C is in development.	Advisory Circular	20-165C	12/31/23	Technical Standard Order	C154d	03/10/23
DO-307B	1) Aircraft Design and Certification for Portable Electronic Device (PED) Tolerance, and 2) Guidance for the Development of Portable Electronic Devices (PED) Tolerance for Civil Aircraft	SC-234	The FAA intends to invoke via AC 20-164B.	Advisory Circular	20-164B	12/31/23			

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DO-317C	Minimum Operational Performance Standards (MOPS) for Aircraft Surveillance Applications (ASA) System	SC-186	TSO-C195c public comment period closed on 2/10/23.	Advisory Circular	20-172C	12/31/23	Technical Standard Order	C195c	04/30/23
DO-326A	Aviation Security Process Specification	SC-216	The FAA has accepted these standards as a method of compliance to existing special conditions through applicant specific issue papers. In addition, the FAA intends to use the standard in an AC to support the Cybersecurity Rule (25.1319) pending comments received in accordance with the Rule.	Advisory Circular	20-XXX		Issue Paper		12/13/22
DO-328B	Safety, Performance And Interoperability Requirements Document For Airborne Spacing - Flight Deck Interval Management (ASPA-FIM)	SC-186	AC 20-172C is in development.	Advisory Circular	20-172C	12/31/23			
DO-346A	AeroMACS MOPS, presented by SC-223, Internet Protocol Suite (IPS) and Aeronautical Mobile Airport Communications System (AeroMACS)	SC-223	FAA plans to use standard in TSO-207b.	Technical Standard Order	C207b	07/31/23			
DO-355A	Information Security Guidance for Continuing Airworthiness	SC-216	The FAA has accepted these standards as a method of compliance to existing special conditions through applicant specific issue papers. In addition, the FAA intends to use the standard in an AC to support the Cybersecurity Rule (25.1319) pending comments received in accordance with the Rule.	Advisory Circular	20-XXX		Issue Paper		12/13/22
DO-356A	Airworthiness Security Methods and Considerations	SC-216	The FAA has accepted these standards as a method of compliance to existing special conditions through applicant specific issue papers. In addition, the FAA intends to use the standard in an AC to support the Cybersecurity Rule (25.1319) pending comments received in accordance with the Rule.	Advisory Circular	20-XXX		Issue Paper		12/13/22
DO-361A	Minimum Operational Performance Standards (MOPS) for Flight- deck Interval Management (FIM) - Change 1	SC-186	TSO-C195c public comment period closed on 2/10/23.	Technical Standard Order	C195c	04/30/23			
DO-363A	Guidance for the Development of Portable Electronic Devices (PED) Tolerance for Civil Aircraft	SC-234	The FAA plans to update AC 91.21-1	Advisory Circular	91.21-1E	12/31/23			

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DO-365C	Detect and Avoid MOPS	SC-228	The FAA does not currently plan to revise TSO-C211a. The FAA is open to industry proposing as MOC in certification projects.	TBD					
DO-366A	Air-to-air Radar (ATAR) MOPS	SC-228	The FAA does not currently plan to revise TSO-C212a. The FAA is open to industry proposing as MOC in certification projects.	TBD					
DO-376 Change 1	Minimum Operating Performance Standard for Helicopter Terrain Awareness and Warning Systems (HTAWS) for Offshore Helicopter Operations	SC-237	The FAA is evaluating whether this change warrants a change to the HTAWS TSO.	TBD					
DO-384	GNSS-Aided Inertial System MOPS	SC-159	TSO and AC 20-138e. TSO open for public comment through 4/1/23.	Advisory Circular	20-138E	12/31/23	Technical Standard Order	CXXX	45077
DO-385 Change 1	Minimal Operational Performance Standards for ACAS Xa System and ACAS Xa/o Functionality (Class 1 ACAS X & Class 2 ACAS X)	SC-147	Implementation through AC and TSO. Draft AC 20-TCAS-ACAS in FAA review. TSO-C219 published 2/28/20	Advisory Circular	20-ACAS-X	12/31/23	Technical Standard Order	C219	43889
DO-386 Vol 1 and 2	Minimal Operational Performance Standards for Airborne Collision Avoidance System Xu (ACAS Xu)	SC-147	The FAA is determining how this standard will be implemented.	TBD					
DO-387 Change 1	Airborne Electro-optic/Infrared sensor MOPS	SC-228	The FAA does not currently plan to develop a new TSO. Applicants are free to propose the standard for compliance.	TBD					
DO-390	Test Procedures for Quantified Visual Advantage	SC-213	AC 20-167B is in internal review.	Advisory Circular	20-167B	12/31/25			
DO-391	Aeronautical Information System Security Framework Guidance	SC-216	FAA has not yet made a final decision for how to use this standard.	TBD					
DO-392	Internet Security Event Management	SC-216	FAA has not yet identified a pathway to implement the document in policy.	TBD					
DO-394	Considerations for Aeronautical Data Alteration	SC-217	FAA plans to implement in AC with DO-200C, Standards for Processing Aeronautical Data. FAA is waiting on update to DO-200C.	Advisory Circular	20-153C	12/31/23			
DO-396	Minimal Operational Performance Standards for Airborne Collision Avoidance System sXu (ACAS sXu)	SC-147	The FAA has not determined how or if it will use the standard.	TBD					

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DO-398	Operational Services and Environment Definition (OSED) for Unmanned Aircraft Systems Detect and Avoid Systems (DAA),	SC-228	The FAA is currently evaluating strategies for issuance of DAA standards and guidance in the future. Currently the FAA does not plan to publish a TSO revision and AC using this standard. The FAA is open to industry proposing as MOC in certification projects.	TBD					
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RTCA Documents Pending PMC Approval

Committee Document Number / Work ID Number	Committee Document Title	SDO Committee Number	FAA Update	FAA Deliverable #1 Use of Standard	FAA Deliverable #1 Document Number	FAA Deliverable #1 Target Completion Date	FAA Deliverable #2 Use of Standard(if applicable)	FAA Deliverable #2 Document Number	FAA Deliverable #2 Target Completion Date
DO-399	Guidance Document on Radar Altimeter Radio Frequency (RF) Interference Rejection and Tolerance	SC-239	The FAA does not plan to use this document in an FAA document. This document will help to inform future standard activities.	N/A					

In Work RTCA Documents

Committee Document Number / Work ID Number	Committee Document Title	SDO Committee Number	FAA Update	FAA Deliverable #1 Use of Standard	FAA Deliverable #1 Document Number	FAA Deliverable #1 Signature Date	FAA Deliverable #2 Use of Standard(if applicable)	FAA Deliverable #2 Document Number	FAA Deliverable #2 Signature Date
DO-155A	MOPS for Low Range Radar Altimeters	SC-239	Technical Standard Order	Technical Standard Order	C87b				
DO-160H DO-357A	Minimum Standard Environmental Test Conditions (categories) and Applicable Test Procedures for Airborne Equipment	SC-135	Airworthiness certification. Also used in TSO template for all new TSO.	Technical Standard Order	TSO-Template				
DO-200C	Aeronautical Databases	SC-217	Advisory Circular	Advisory Circular	20-153C				
DO-201C	User Requirements for Navigation Data	SC-217	Advisory Circular	Advisory Circular	20-153C		Technical Standard Order	C165c	
DO-220B	Airborne Weather Detection Systems	SC-230	To be invoked via AC 20-182C and TSO-C63g.	Advisory Circular	20-182C		Technical Standard Order	C63g	
DO-224E	Signal-in-Space Minimum Aviation System Performance Standards (MASPS) for Advanced VHF Digital Data Communications	SC-214		TBD					
DO-257c		SC-227	Advisory Circular	Advisory Circular	20-138E		Advisory Circular	90-119	
DO-262G	NGSS avionics MOPS	SC-222	To be invoked via TSO-C159f.	Technical Standard Order	C159f				
DO-281D	Minimum Operational Performance Standards (MOPS) for Aircraft VDL Mode 2 Physical Link and Network Layer	SC-214	Invoked via TSO-C160B.	Technical Standard Order	C160b		Advisory Circular	20-140D	
DO-283C	Minimum Operating Performance Standards: Required Navigation Performance for Area Navigation	SC-227		Advisory Circular	20-138E		Technical Standard Order	C115e	

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DO-326B	Aviation Security Process Specification	SC-216	The FAA has accepted these standards as a method of compliance to existing special conditions through applicant specific issue papers. In addition, the FAA intends to use the standard in an AC to support the Cybersecurity Rule (25.1319) pending comments received in accordance with the Rule.	Advisory Circular	25-XXX				
DO-343E	AMS(R)S voice & data MASPS	SC-222	Passing reference in AC 20-150C	Advisory Circular	20-150C				
DO-350B Volume 1 & 2	Interoperability Requirements Standard for Baseline 2 ATS Data Communications (Baseline 2 Interop Standard)	SC-214	Invoked via AC 20-140D	Advisory Circular	20-140D				
DO-351B Volume 1 & 2	Interoperability Requirements Standard for Baseline 2 ATS Data Communications (Baseline 2 Interop Standard)	SC-214	Invoked via AC 20-140D	Advisory Circular	20-140D				
DO-352B	Interoperability Requirements Standard for Baseline 2 ATS Data Communications (Baseline 2 Interop Standard)	SC-214	Invoked via AC 20-140D.	Advisory Circular	20-140D				
DO-353B	Interoperability Requirements Standard for Baseline 2 ATS Data Communications (Baseline 2 Interop Standard)	SC-214	Invoked via AC 20-140D.	Advisory Circular	20-140D				
DO-362B	C2 Data Link MOPS (Terrestrial)	SC-228	The FAA is not planning to revise TSO-C213a to use this standard. Applicants are free to propose as means of compliance or propose a deviation to the existing TSO, to use the later standard.	TBD					
DO-364A	Minimum Aviation System Performance Standards (MASPS) for AIS and MET Data Link Services System	SC-206		Advisory Circular	00-63X				
DO-373A	Minimum Operational Performance Standard for GNSS Active Antenna in the L1/E1 and L5/E5A Bands	SC-159	Technical Standard Order	Technical Standard Order	C215				
DO-377B	C2 Link MASPS	SC-228	The FAA is not planning to revise TSO-C213a to use this standard. Applicants are free to propose as means of compliance	TBD					
DO-380A	Environmental Conditions and Test Procedures for Ground Equipment	SC-135	No plan at this time for the FAA to use this standard. The FAA is still developing strategy for ground based associated elements.	N/A					

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DO-381A	DO-381, MOPS for Ground Based Surveillance System (GBSS) for Traffic Surveillance	SC-228	The FAA is currently evaluating strategies for issuance of DAA standards and guidance in the future, and a decision whether to publish a TSO revision and AC using this standard within its future framework is pending.	Advisory Circular	20-DAA				
DO-385A	Minimal Operational Performance Standards for Airborne Collision Avoidance System X (ACAS X) (ACAS Xa and ACAS Xo)	SC-147	To be invoked via TSO-C219a.	Technical Standard Order	C219a				
DO-DSEC	Data Security Requirements	SC-216	Advisory Circular	Advisory Circular	TBD				
DO-NEW	GNSS (GBAS) L1/L5 MOPS	SC-159	Technical Standard Order	Technical Standard Order	TBD				
DO-NEW / (ED-259 Revision)	GNSS (SBAS) L1/L5 MOPS	SC-159	Technical Standard Order.	Technical Standard Order	TBD				
DO-XXX	ATS Data Communication Verification Test Standard	SC-214	Invoked via AC 20-140D.	Advisory Circular	20-140D				
DO-XXX	MASPS for Synthetic Vision Systems, Synthetic Vision Guidance Systems, Aircraft State Awareness-Synthetic Vision Systems, & Combined Vision Systems	SC-213	To be implemented in revised ACs (revision to AC 20-185A)	Advisory Circular	20-185B				
DO-XXX	MASPS for Enhanced Vision Systems, Enhanced Flight Vision Systems, Combined Vision Systems	SC-213	To be implemented in revised ACs (revision to AC 20-167B)	Advisory Circular	20-167C				
DO-XXX	MASPS for a Combined Vision System for Helicopter Operations for Low Visibility Operational Credit	SC-213	The FAA hasn't determined how this document will be implemented.	TBD					
DO-XXX	Minimal Operational Performance Standards for Airborne Collision Avoidance System Xr (ACAS Xr)	SC-147	To be invoked via new TSO and new AC.	Advisory Circular	20-XXX		Technical Standard Order	CXXX	
DO-XXX	Integration of COTS, Open Source and Service History into Software	SC-240	AC 20-115E will be written to include to the list of DO-178C supplements (E.g. DO-330, 331, 332, 333).	Advisory Circular	20-115E				
DO-XXX	Minimum Operating Performance Standard for Helicopter Terrain Awareness and Warning Systems (HTAWS) for Onshore Helicopter Operations	SC-237	The FAA has not yet determined if the standard will be used.	TBD					
DO-XXX	UHF Band C2 Link System MOPS	SC-228	The FAA has not yet determined if the standard will be used.	TBD					
DO-XXX	Software Considerations in Lower Risk Applications, Equipment Certifications and Approvals	SC-240	The FAA is no longer actively participating this activity.	TBD					

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DO-XXX	Minimum Operating Performance Specification (MOPS) for Wireless Avionics Intra-Communication Equipment within 4200-4400 MHz	SC-236	Will be invoked as means of compliance for TSO-CXXX.	Technical Standard Order	CXXX				
ISRA-228	NGSS avionics MOPS	SC-222	The FAA has not determined how or if it will use the standard.	TBD					
White Paper	Recommendation to RTCA PMC/ EUROCAE TAC on Additional Turbulence Activities	SC-206	Not implemented by FAA. Deliverable to PMC.	N/A					
White paper	BeiDou System and BeiDou SBAS	SC-159		N/A	N/A				