

RTCA Closed FAA Actions Since Last PMC

Committee Document Number / Work ID Number	Committee Document Title	SDO Committee Number	FAA Updates	FAA Deliverable #1 Use of Standard	FAA Deliverable #1 Document Number	FAA Deliverable #1 Document Title	FAA Deliverable #1 Signature Date	FAA Deliverable #2 Use of Standard(if applicable)	FAA Deliverable #2 Document Number	FAA Deliverable #2 Document Title	FAA Deliverable #2 Signature Date
DO-262F Change 1	NGSS avionics MOPS	SC-222	Will be implemented into TSO-C159e change 1	Technical Standard Order	C159e Change 1		09/06/23				
DO-317C	Minimum Operational Performance Standards (MOPS) for Aircraft Surveillance Applications (ASA) System	SC-186	TSO-C195c published 6/15/23	Advisory Circular	20-172C	Airworthiness Approval for ADS-B In Systems and Applications		Technical Standard Order	C195c	Avionics Supporting Automatic Dependent Surveillance – Broadcast (ADS-B) Aircraft Surveillance Applications (ASA)	06/15/23
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	Aeronautical Mobile Airport Communication System (AeroMACS) Airborne Mobile Station (AMS) Equipment	08/17/23				
DO-361A	Minimum Operational Performance Standards (MOPS) for Flight- deck Interval Management (FIM) - Change 1	SC-186	Implemented into TSO-C195c (publish on 6/15/23)	Technical Standard Order	C195c	Avionics Supporting Automatic Dependent Surveillance – Broadcast (ADS-B) Aircraft Surveillance Applications (ASA)	06/15/23				
DO-381A	DO-381, MOPS for Ground Based Surveillance System (GBSS) for Traffic Surveillance	SC-228	The FAA is not going implement standard into TSO or AC at this time	N/A			06/20/23				
DO-384	GNSS-Aided Inertial System MOPS	SC-159	TSO C-220 and AC 20-138e	Advisory Circular	20-138E	Airworthiness Approval of Positioning and Navigation Systems		Technical Standard Order	C220	GNSS-Aided Inertial Systems	06/22/23
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.	N/A			06/20/23				
ISRA-228	NGSS avionics MOPS	SC-222	The FAA has not determined how or if it will use the standard.	N/A			09/05/23				

RTCA Documents Pending PMC Approval

Committee Document Number / Work ID Number	Committee Document Title	SDO Committee Number	FAA Updates	FAA Deliverable #1 Use of Standard	FAA Deliverable #1 Document Number	FAA Deliverable #1 Document Title	FAA Deliverable #1 Target Completion Date
DO-350B Volume 1 & 2	Safety and Performance Standard	SC-214	Invoked via AC 20-140D	Advisory Circular	20-140D	Guidelines for Design Approval of Aircraft Data Link Communication Systems Supporting Air Traffic Services (ATS)	12/31/24
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	Guidelines for Design Approval of Aircraft Data Link Communication Systems Supporting Air Traffic Services (ATS)	12/31/24
DO-377B	C2 Link MASPS	SC-228	TBD	TBD			
DO-401 / (ED-259 Revision)	GNSS (SBAS) L1/L5 MOPS	SC-159	This is an interim document. A subsequent version of this document will be the basis of TSO(s).	This is an interim document. A subsequent version of this document will be the basis of TSO(s).			
DO-404	Minimum Aviation System Performance Standard for ATN/IPS	SC-223	Implemented into AC 20-140D	Technical Standard Order	AC 20-140D	Guidelines for Design Approval of Aircraft Data Link Communication Systems Supporting Air Traffic Services (ATS)	12/31/24

RTCA In Work Documents

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DO-155A	MOPS for Low Range Radar Altimeters	SC-239	Technical Standard Order	Technical Standard Order	C87b							
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				

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DO-224E	Signal-in-Space Minimum Aviation System Performance Standards (MASPS) for Advanced VHF Digital Data Communications	SC-214	Invoked via TSO-C160B.	Technical Standard Order	C160b		Advisory Circular	20-140D				
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							
DO-257C	Minimum Operational Performance Standards for the Depiction of Navigational Information on Electronic Maps/Data Driven Charting	SC-227	Implemented into TSO	Advisory Circular	20-138e change 1		Advisory Circular	90-119 change 1		Technical Standard Order	C165C	
DO-262G	NGSS avionics MOPS	SC-222	Referenced in 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	Will be implemented TSO-C115e and AC 20-138e	Advisory Circular	20-138E		Technical Standard Order	C115e				
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-352B	Interoperability Requirements Standard for Baseline 2 ATS Data Communications, FANSA 1/A Accommodation (FANS 1/A-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, ATN Baseline 1 Accommodation (ATN Baseline 1 - Baseline 2 Interop Standard)	SC-214	Invoked via AC 20-140D.	Advisory Circular	20-140D							
DO-357A	Minimum Standard Environmental Test Conditions (categories) and Applicable Test Procedures for Airborne Equipment	SC-135	FAA will not be referencing this standard at this time	N/A	TSO-Template							
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.	N/A								
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-380A	Environmental Conditions and Test Procedures for Ground Equipment	SC-135	The FAA will not reference this standard at this time	N/A		6/1/2022						

RTCA In Work Documents (Continued)												
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DO-381A	DO-381, MOPS for Ground Based Surveillance System (GBSS) for Traffic Surveillance	SC-228	The FAA is not going to implement standard into TSO or AC at this time	N/A		06/20/23						
DO-395	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-NEW	GNSS (GBAS) L1/L5 MOPS	SC-159	Technical Standard Order	Technical Standard Order	TBD							
DO-XXX	ATS Data Communication Verification Test Standard	SC-214	Will go into an AC	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 20-185B)	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 20-167C)	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	Minimum Operating Performance Standard for Helicopter Terrain Awareness and Warning Systems (HTAWS) for Onshore Helicopter Operations	SC-237	Implemented into a new TSO	Technical Standard Order	CXXX							
DO-XXX	UHF Band C2 Link System MOPS	SC-228	Issue Paper	Issue Paper								
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							
DO-XXX-DSEC	Process Standard for Data Security	SC-216		Advisory Circular	TBD							
ISRA-228	NGSS avionics MOPS	SC-222	The FAA has not determined how or if it will use the standard.	N/A		09/05/23						
White paper	BeiDou System and BeiDou SBAS	SC-159		N/A	N/A	08/05/22						

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DO-181F	Minimum Operational Performance Standards for Air Traffic Control Radar Beacon System/Mode Select (ATCRBS/MODE S) Airborne Equipment	SC-209	Has been implemented into TSO-C112f. Will be implemented into AC-20-Mode-S	Advisory Circular	TBD	Mode S Transponders	06/30/24	Technical Standard Order	C112f	Air Traffic Control Radar Beacon System/Mode Select (ATCRBS/Mode S) Airborne Equipment	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	Has been implemented into TSO-C112f. Will be implemented into AC-20-Mode-S	Advisory Circular	TBD	Mode S Transponders	06/30/24	Technical Standard Order	C112f	Air Traffic Control Radar Beacon System/Mode Select (ATCRBS/Mode S) Airborne Equipment	03/10/23	
DO-220B	Airborne Weather Detection Systems	SC-230	Update AC 20-182B and TSO-C63g.	Advisory Circular	20-182C	Airworthiness Approval for Airborne Weather Radar Systems.	12/30/23	Technical Standard Order	C63g	Airborne Weather Radar Equipment	03/30/24	

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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)		TSO and AC. TSO-C166c is complete. AC 20-165C is in development.	Advisory Circular	20-165C	Approval of ADS-B Out Installations	07/31/24	Technical Standard Order	C166c	Extended Squitter Automatic Dependent Surveillance-Broadcast (ADS-B) and Traffic Information Services-Broadcast (TIS-B) Equipment Operating on the Radio Frequency of 1090 Megahertz (MHz)	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	Approval of ADS-B Out Installations	07/31/24	Technical Standard Order	C154d	Universal Access Transceiver (UAT) Automatic Dependent Surveillance-Broadcast (ADS-B) Equipment Operating on Frequency of 978 MHz	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	Use of Portable Electronic Devices Aboard Aircraft	12/31/23				
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	Aircraft Systems Information Security Protection (ASISP)					
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	Airworthiness Approval for ADS-B In Systems and Applications	03/30/24				
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	Guidelines for Design Approval of Aircraft Data Link Communication Systems Supporting Air Traffic Services (ATS)	12/31/24				
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	Aircraft Systems Information Security Protection (ASISP)					
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	Aircraft Systems Information Security Protection (ASISP)					
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	Use of Portable Electronic Devices Aboard Aircraft	12/31/23				

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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.	N/A							
DO-376 Change 1	Minimum Operating Performance Standard for Helicopter Terrain Awareness and Warning Systems (HTAWS) for Offshore Helicopter Operations	SC-237	Implemented into a new TSO	Technical Standard Order	CXXX		09/30/24				
DO-377B	C2 Link MASPS	SC-228	Issue Paper	Issue Paper							
DO-384	GNSS-Aided Inertial System MOPS	SC-159	TSO C-220 and AC 20-138e. TSO open for public comment through 4/1/23.	Advisory Circular	20-138E	Airworthiness Approval of Positioning and Navigation Systems	12/31/23	Technical Standard Order	C220	GNSS-Aided Inertial Systems	06/22/23
DO-385A	Minimal Operational Performance Standards for Airborne Collision Avoidance System X (ACAS X) (ACAS Xa and ACAS Xo)	SC-147	Referenced in TSO-C219a and AC 20-ACAS-X	Technical Standard Order	C219a	AIRBORNE COLLISION AVOIDANCE SYSTEM (ACAS) Xa/Xo	09/30/24	Advisory Circular	20-ACAS-X		09/30/24
DO-386 Vol 1 and 2	Minimal Operational Performance Standards for Airborne Collision Avoidance System Xu (ACAS Xu)	SC-147	The FAA will not be referencing this standard at this time. The FAA is open to industry proposing as MOC in certification projects.	N/A							
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.								
DO-390	Test Procedures for Quantified Visual Advantage	SC-213	AC 20-167B is in internal review.	Advisory Circular	20-167B	Airworthiness Approval of Enhanced Vision System, Enhanced Flight Vision System, and Combined Vision System Equipment	03/30/24				
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	Advisory Circular	Advisory Circular	20-153C	Acceptance of Aeronautical Data Processes and Associated Databases	12/31/24				
DO-396	Minimal Operational Performance Standards for Airborne Collision Avoidance System sXu (ACAS sXu)	SC-147	The FAA will not be referencing this standard at this time. The FAA is open to industry proposing as MOC in certification projects.	N/A							
DO-398	Operational Services and Environment Definition (OSED) for Unmanned Aircraft Systems Detect and Avoid Systems (DAA),	SC-228	The FAA will not be implemented into a TSO. The FAA is open to industry proposing as MOC in certification projects.	N/A							
DO-400	GM for Lost C2 Link UAS Behavior, presented by SC-228, Minimum Performance Standards (MPS) for Uncrewed Aircraft Systems	SC-228	The FAA is evaluating how to use this standard. The FAA is open to applicants proposing to use as a method of compliance.								
DO-401 / (ED-259 Revision)	GNSS (SBAS) L1/L5 MOPS	SC-159	Technical Standard Order.	Technical Standard Order	TBD						
DO-404	Minimum Aviation System Performance Standard for ATN/IPS	SC-223	Implemented into AC 20-140D	Technical Standard Order	AC 20-140D	Guidelines for Design Approval of Aircraft Data Link Communication Systems Supporting Air Traffic Services (ATS)	12/31/24				
White Paper	Recommendation to RTCA PMC/ EUROCAE TAC on Additional Turbulence Activities	SC-206	Not implemented by FAA. Deliverable to PMC.	N/A							