

FAA Update

Advisory Circular and TSO Status Update

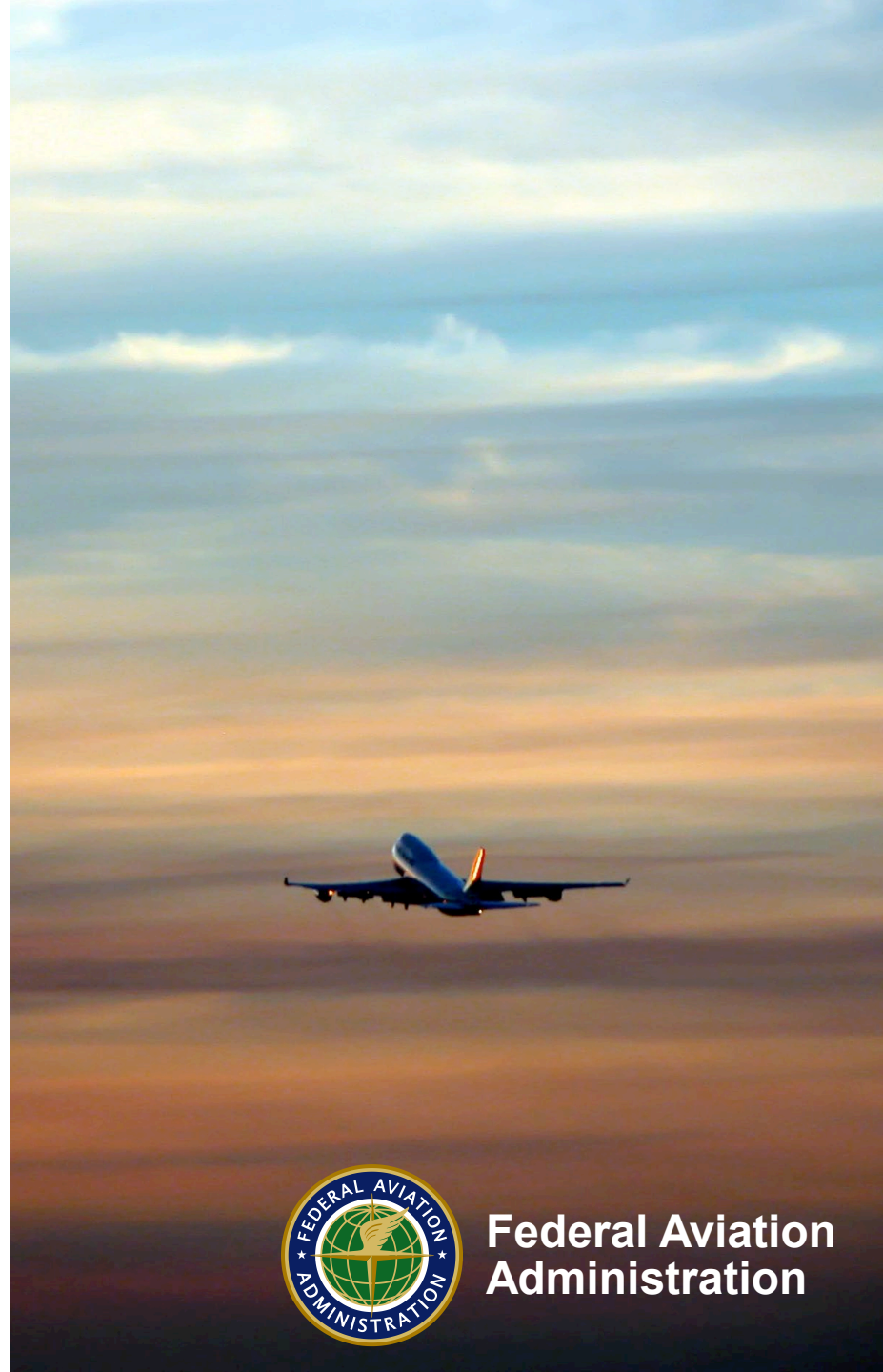
Presented to: 2022 ETSO Workshop

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Date: September 20, 2022



**Federal Aviation
Administration**



Advisory Circular and TSO Status

FAA Document	Associated RTCA Document	Status	Release Date	Comments
AC 20-ACAS X	DO-385 Change 1 Airborne Collision Avoidance System	Initial Management Review	Planned December 2023	
TSO-C219 - ACAS	DO-385 Change 1	Issued	February 2020	
AC 20-DAA	DO-386 Vol 1 and Vol II DO-365B DO-366A DO-387	In Development	Planned December 2023	Plan being reviewed related to drone rulemaking
TSO-C211a -DAA	DO-386 Vol 1 and Vol II DO-365B	In Development	Planned March 2023	Plan being reviewed related to drone rulemaking
TSO-C215	DO-373	Not Started	TBD	Awaiting publication of DO-292A.
AC 20-138E Positioning and Navigation Systems	DO-384	Not Started	Planned December 2023	Development will start after TSO public comment disposition is complete
TSO for GNSS-aided Inertial Systems	DO-384	Public Comment	Planned December 2023	Disposition of public comments. Technical issues surfaced that need to be resolved.
AC 20-165C	DO-260C and change 1	In Development	Planned December 2025	
TSO-C166c – ADS-B	DO-260C and change 1	Internal FAA review	Planned December 2022	Dependent on TSO-C112F SME dispositioning internal FAA comments in preparation for public comment phase



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AC 20-172C	DO-317C DO-328B	In Development	Planned December 2023	Dependency on TSO-C195c
TSO-C195c Avionics Supporting ADS-B	DO-317C DO-361A	Public Comment	Planned December 2022	Disposition of public comments
TSO C157d – FIS-B	DO-358B	Public comment	Planned December 2022	Public comment period ends 09/15/2022
AC-XXX - ATCRBS/Mode S	DO-181F	In Development	Planned December 2025	Will replace current AC-20-151C.
TSO-C112f - ATCRBS/Mode S	DO-181F	Internal FAA review	Planned December 2022	SME dispositioning internal FAA comments in preparation for public comment phase
AC 20-167B - Enhanced Vision Systems	DO-390	AGC Review	Planned December 2022	Sent to AGC on 6/10/22. Can issue after AGC clearance.
AC 25-XXX - Aircraft Systems Information Security Protection (ASISP)	DO-326A DO-355A DO-356A	Internal AIR Review	Planned December 2023	Disposition of Internal Comments AC to be published with Cybersecurity Rule
AC 20-150C - SATVOICE	DO-210D Change 5	Not Started	Planned July 2024	
TBD - Airport Security Access Control Systems	DO-230K	Not Started	TBD	FAA is assessing DO-230K to determine the need for an AC or TSO



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AC 20-189	N/A	Final Signature	September 2022	Published in DRS on 09-16-2022
AC 20-140D - Data Link Coms	N/A	Not Started	December 2024	Will start when RTCA committee work is complete and TSO-C160b is started (estimated 2023).
AC 20-182B – WX Radar	N/A	In Development	Planned December 2023	
AC 20-170A - IMA	N/A	Coordination for final signature	December 2022	Cleared AGC 08/18/2022. Working through final changes proposed by AGC.
AC 20-191 - ?	N/A	AGC Review (final)	TBD pending AGC clearance	Sent to AGC 10/7/2019 for final issuance
AC 20-66B Change 1 – Propeller Vibe and Fatigue	N/A	AGC Review (comment)	TBD pending AGC clearance	Sent to AGC 6/08/2022 for public comment
AC 21.DAC	N/A	AGC Review (final)	TBD pending AGC clearance	Sent to AGC 12/03/2020 for final issuance
AC 25.1329-1C Change 2 Flight Guidance Systems	N/A	AGC Review (comment)	TBD pending AGC clearance	Sent to AGC 2/3/2021 for public comment clearance
AC 33-12 - ?	N/A	AGC Review (final)	TBD pending AGC clearance	Sent to AGC 6/22/2022 for final issuance



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AC 33.15-4 (PBF) - ?	N/A	AGC Review (final)	TBD pending AGC clearance	Sent to AGC 1/17/2020 for final issuance
AC 33.17-1A – Engine Fire Protection	N/A	AGC Review (final)	TBD pending AGC clearance	Sent to AGC 1/20/2022 for final issuance
AC 33.70-3 - ?	N/A	AGC Review (final)	TBD pending AGC clearance	Sent to AGC 3/31/2020 for final issuance
AC 33.83-2B	N/A	Coordination for final signature	December 2022	Cleared AGC 08/11/2022
AC 39-8A – Cont'd AW safety - Engine	N/A	AGC Review (comment)	TBD pending AGC clearance	Sent to AGC 02/26/2020 for public comment clearance



Questions?

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