Final Documents/Your Two Cents—October 2018

This list includes Federal Register (FR) publications such as rules, Advisory Circulars (ACs), policy statements and related material of interest to ARSA members. The date shown is the date of FR publication or other official release. Proposals opened for public comment represent your chance to provide input on rules and policies that will affect you. Agencies must provide the public notice and an opportunity for comment before their rules or policies change. Your input matters. Comments should be received before the indicated due date; however, agencies often consider comments they receive before drafting of the final document begins.

Hyperlinks provided in blue text take you to the full document. If this link is broken, go to http://www.regulation.gov**. In the keyword or ID field, type "FAA" followed by the docket number.**

October 1, 2018

FAA Final rules

AD: Airbus SAS Airplanes***
Published 10/01/2018 Docket #: FAA-2018-0395 Effective date 11/05/2018
The FAA is adopting a new airworthiness directive (AD) for all Airbus SAS Model A330-200 Freighter, -200, and -300 series airplanes; and Airbus SAS Model A340-200, -300, -500, and -600 series airplanes. This AD was prompted by a report of deficient fatigue performance of high strength steel used in forgings. Components made from the affected high strength steel are installed on the main landing gear (MLG), nose landing gear (NLG), and center landing gear (CLG). This AD requires identifying the part number and serial number of certain components installed on the MLG, NLG, and CLG; replacing affected parts; identifying the airplane's weight variant; and determining the applicable life limit for certain components installed on the MLG, NLG, and CLG.

AD: CFM International S.A. Turbofan Engines***
Published 10/01/2018 Docket #: FAA-2018-0785 Effective date 10/16/2018
The FAA is superseding Airworthiness Directive (AD) 2018-10-11 for all CFM International S.A. (CFM) Model CFM56-7B engines. AD 2018-10-11 required initial and repetitive inspections of certain fan blades and, if they fail the inspection, their replacement with parts eligible for installation. This superseding AD requires the same initial and repetitive inspections but revises the compliance time for the repetitive inspections. This AD was prompted by further analysis by the manufacturer that indicated a need to reduce the repetitive fan blade inspection interval based on ongoing root cause investigation of an April 2018 engine failure. The agency is issuing this AD to address the unsafe condition on these products.

AD: Dassault Aviation Airplanes***
Published 10/01/2018 Docket #: FAA-2018-0549 Effective date 11/05/2018
The FAA is adopting a new airworthiness directive (AD) for all Dassault Aviation Model MYSTERE-FALCON 200 airplanes. This AD was prompted by a determination that more restrictive maintenance requirements and airworthiness limitations are necessary. This AD requires revising the maintenance or inspection program, as applicable, to incorporate new or more restrictive maintenance requirements and airworthiness limitations.

AD: Airbus SAS Airplanes***

Published 10/01/2018 Docket #: FAA-2018-0417 Effective date 11/05/2018

The FAA is superseding Airworthiness Directive (AD) 2016-25-03, which applied to certain Airbus Model A300 F4-600R series airplanes. AD 2016-25-03 required repetitive high frequency eddy current (HFEC) inspections of the aft lower deck cargo door (LDCD) frame forks; a one-time check of the LDCD clearances; and a one-time detailed visual inspection of hooks, eccentric bushes, and x-stops; and corrective actions if necessary. This AD requires repetitive HFEC inspections of the aft LDCD frame forks; a one-time check of the LDCD clearances; and a one-time detailed visual inspection of hooks, eccentric bushes, and x-stops; and corrective actions if necessary. This AD was prompted by a report of two adjacent frame forks that were found cracked on the aft LDCD of two airplanes during scheduled maintenance, and the introduction of frame fork reinforcement or repair procedures that, when done, allow an extension of repetitive inspection intervals

Final Rule: Amendment of Class E Airspace; Burlington, WI

Published 10/01/2018 Docket #: FAA-2017-0145 Effective date 01/03/2019

This action modifies Class E airspace extending upward from 700 feet above the surface at Burlington Municipal Airport, Burlington, WI. This action is necessary due to the decommissioning of the Burbun VHF omnidirectional range (VOR), cancellation of the VOR approach procedure, and implementation of new area navigation (RNAV) procedures for the safety and management of instrument flight rules (IFR) operations at the airport. This action adjusts the geographic coordinates of the Burlington Municipal Airport to coincide with the FAA's aeronautical database.

FAA Proposed Rules

NPRM AD: Bombardier, Inc., Airplanes***

Published 10/01/2018 Docket #: FAA-2018-0801 Comments due 11/15/2018

We The FAA proposes to supersede Airworthiness Directive (AD) 2008-24-14, which applies to all Bombardier, Inc., Model CL-600-2B19 (Regional Jet Series 100 & 440) airplanes. AD 2008-24-14 requires revising the instructions for continued airworthiness to incorporate certain airworthiness limitations for the main landing gear (MLG) trunnion fitting assembly. Since we issued AD 2008-24-14, new airworthiness limitation (AWL) tasks have been introduced with revised inspection, modification, and safe-life requirements. This proposed AD would require revising the maintenance or inspection program, as applicable, to incorporate certain AWLs. It would also require reworking the trunnion fitting in order to meet new structural safe-life limits.

FAA Guidance Documents and Notices

Flight Standards Information Management System (FSIMS)

FSIMS: ED 1.4.3 145F AW Manuals

Issued 09/27/2018

Purpose (Certificate Holder Responsibility): To provide manuals required by personnel to perform their duties.

FSIMS: ED 2.1.1 135E OP Training of Flight Crewmembers

Issued 09/27/2018

Purpose (Certificate Holder Responsibility): To train and qualify flight crewmembers.

FSIMS: ED 1.4.4 145H AW Quality Control System
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To provide quality control of maintenance or alterations performed.

FSIMS: ED 1.4.3 145G AW Manuals
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To provide manuals required by personnel to perform their duties.

FSIMS: ED 1.4.4 145G AW Quality Control System
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To provide quality control of maintenance or alterations performed.

FSIMS: ED 2.1.1 135B OP Training of Flight Crewmembers
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To train and qualify flight crewmembers.

FSIMS: ED 1.4.3 145H AW Manuals
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To provide manuals required by personnel to perform their duties.

FSIMS: ED 2.1.1 135C OP Training of Flight Crewmembers
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To train and qualify flight crewmembers.

FSIMS: ED 1.4.4 145F AW Quality Control System
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To provide quality control of maintenance or alterations performed.

FSIMS: ED 2.2.3 135B OP Pilot Operating Limitations / Recent Experience
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To maintain pilot operating experience and currency requirements.

FSIMS: ED 2.1.5 135C OP Appropriate Airmen / Crewmembers Checks and Qualifications
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To use qualified and competent airmen and crewmembers for the operations.

FSIMS: ED 2.2.3 135C OP Pilot Operating Limitations / Recent Experience
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To maintain pilot operating experience and currency requirements.

FSIMS: ED 2.1.5 135D OP Appropriate Airmen / Crewmembers Checks and Qualifications
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To use qualified and competent airmen and crewmembers for the operations.

FSIMS: ED 2.2.1 121A OP Airmen Duties / Flight Deck Procedures
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To maintain airmen duties and flight deck procedures that provide safe flight operations.

FSIMS: ED 2.2.3 135E OP Pilot Operating Limitations / Recent Experience
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To maintain pilot operating experience and currency requirements.

FSIMS: ED 2.1.5 135E OP Appropriate Airmen / Crewmembers Checks and Qualifications
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To use qualified and competent airmen and crewmembers for the operations.

FSIMS: ED 2.1.5 135B OP Appropriate Airmen / Crewmembers Checks and Qualifications
Issued 09/27/2018
Purpose (Certificate Holder Responsibility): To use qualified and competent airmen and crewmembers for the operations.

FSIMS: Standardized Billing for Fees Collected Under 14 CFR Part 187
Issued 09/27/2018
This notice revises Federal Aviation Administration (FAA) policy on charging and collecting user fees under Title 14 of the Code of Federal Regulations (14 CFR) part 187 appendix A. This includes services for which to charge and not charge based on location, billable events, fee billing, tracking, and processing of related payments.

FSIMS: BD-500-1A10/BD-500-1A11
Issued 09/28/2018
Revision 1 of the Bombardier (BD-500-1A10, BD-500-1A11) Master Minimum Equipment List.

October 2, 2018

FAA Final rules

AD: Airbus SAS Airplanes***
Published 10/02/2018 Docket #: FAA-2018-0804 Effective date 10/17/2018
The FAA is superseding Airworthiness Directive (AD) 2018-02-18, which applied to certain Airbus SAS Model A318, A319, and A320 series airplanes and Model A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes. AD 2018-02-18 required revising the airplane flight manual (AFM) to provide guidance to the flightcrew for certain emergency procedures. This new AD requires revising the AFM, and for certain airplanes, removing a certain AFM revision. This AD also adds airplanes to

the applicability. This AD was prompted by a determination that, when two angle of attack (AoA) sensors are adversely affected by icing conditions at the same time, data displayed on the back up speed scale (BUSS) could be erroneous. This AD was also prompted by a determination that the AFM needs to be revised for certain additional airplanes, and that the AFM may have been erroneously revised on certain airplanes not equipped with a BUSS function

Final Rule: Amendment of Class E Airspace, Knoxville, TN; and Establishment of Class E Airspace, Madisonville, TN
Published 10/02/2018 Docket #: FAA-2017-1214 Effective date 01/03/2019
This action amends Class E surface airspace at Knoxville Downtown Island Airport, Knoxville, TN, by adding to the airspace description the exclusion of a 1-mile radius around University of Tennessee Medical Center Heliport, to allow helicopters departing from the heliport to no longer require a clearance. Also, the Benfi non-directional radio beacon (NDB) has been decommissioned, requiring redesign of Class E airspace extending upward from 700 feet above the surface at McGhee-Tyson Airport, and Monroe County Airport, Madisonville, TN, is moved to stand-alone airspace with its own designation. This action is necessary to further the safety and management of Instrument Flight Rules (IFR) operations at these airports. This action also updates the geographic coordinates of Knoxville Downtown Island Airport, McGhee Tyson Airport, and Gatlinburg-Pigeon Forge Airport in the Class E airspace areas to coincide with the FAA's aeronautical database.

Final Rule: Amendment of Class D and Class E Airspace; Beaver Falls, PA; and Zelienople, PA
Published 10/02/2018 Docket #: FAA-2017-0954 Effective date 01/03/2019
This action amends Class E airspace extending upward from 700 feet or more above the surface at Beaver County Airport Beaver Falls, PA, as the University of Pittsburg Medical Center Beaver Valley Heliport has closed, and controlled airspace is no longer required. The geographic coordinates of the Ellwood City VOR/DME, (incorrectly identified as VORTAC), is amended in the associated Class E airspace. Also, the term Airport Facility Directory is replaced with Chart Supplement. This action also amends Class E airspace extending upward from 700 feet or more above the surface at Zelienople Municipal Airport (formerly Zelienople Airport), PA, by recognizing the airport's name change and updating the airport's geographic coordinates. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at these airports.

FAA Proposed Rules

NPRM: Proposed Establishment of Class E Airspace; Leitchfield, KY
Published 10/02/2018 Docket #: FAA-2018-0485 Comments due 11/16/2018
This action proposes to establish Class E airspace extending upward from 700 feet above the surface at Leitchfield-Grayson County Airport, Leitchfield, KY, to accommodate new area navigation (RNAV) global positioning system (GPS) standard instrument approach procedures serving the airport. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

FAA Guidance Documents and Notices

Special Airworthiness Information Bulletins (SAIB)

SAIB: Rotorcraft Tail Boom, Attach Structure Failure
Issued 10/01/2018 SAIB #: SW-18-29

This airworthiness concern and possible corrective actions are still under investigation and we are considering future Airworthiness Directive (AD) action under 14 CFR part 39. Until such time as we issue an AD, the information and recommendations provided herein are intended to educate and raise awareness of this concern and to minimize a possible tail boom attach structure failure. This SAIB's recommended actions may be different from any corrective actions mandated by AD.

Notices

Notice: Mandatory Use of PAPI Tilt Switches at all Times
Published 09/27/2018 Document #: JO 6850.84
This notice provides expanded guidance to personnel responsible for maintaining Precision Approach Path Indicator (PAPI) systems of actions to take when dealing with problems in the tilt monitoring system of the PAPI. This document's content can only be accessed from within the FAA network.

October 3, 2018

FAA Final rules

AD: BAE Systems (Operations) Limited Airplanes***
Published 10/03/2018 Docket #: FAA-2018-0511 Effective date 11/07/2018
The FAA is adopting a new airworthiness directive (AD) for all BAE Systems (Operations) Limited Model 4101 airplanes. This AD was prompted by a determination that inspection requirements for a number of maintenance tasks are incorrect. This AD requires a one-time detailed inspection of a certain fuselage frame and repair, if necessary, and a revision of the maintenance or inspection program, as applicable, to incorporate new or revised maintenance instructions and airworthiness limitations.

AD: The Boeing Company Airplanes***
Published 10/03/2018 Docket #: FAA-2017-0905 Effective date 11/07/2018
The FAA is superseding Airworthiness Directive (AD) 2013-01-02, which applied to certain The Boeing Company Model 747-100, 747-100B, 747-100B SUD, 747-200B, 747-200C, 747-200F, 747-300, 747-400, 747-400D, 747-400F, 747SR, and 747SP series airplanes; and Model 757-200, 757-200PF, and 757-300 series airplanes. AD 2013-01-02 required replacing the control switches of certain cargo doors. This AD requires replacement of certain cargo door control switches with a new, improved switch; installation of an arm switch in certain cargo doors; operational and functional tests; and applicable on-condition actions. This AD also adds airplanes to the applicability. This AD was prompted by reports of uncommanded cargo door operation.

AD: Airbus SAS Airplanes***
Published 10/03/2018 Docket #: FAA-2018-0497 Effective date 11/07/2018
The FAA is adopting a new airworthiness directive (AD) for certain Airbus SAS Model A300 B4-603, B4-620, and B4-622 airplanes; Model A300 B4-600R series airplanes; Model A300 C4-605R Variant F airplanes; and Model A300 F4-605R airplanes. This AD was prompted by reports of cracking on a certain frame (FR) angle fitting. This AD requires, depending on airplane configuration, a modification of certain angle fitting attachment holes; repetitive inspections for cracking of certain holes of the internal lower angle fitting web, certain holes of the internal lower angle fitting horizontal splicing, the aft bottom panel, and a certain junction area; and related investigative and

corrective actions if necessary.

AD: Airbus Helicopters Deutschland GmbH Helicopters***
Published 10/03/2018 Docket #: FAA-2018-0517 Effective date 11/07/2018
The FAa is adopting a new airworthiness directive (AD) for Airbus Helicopters Deutschland GmbH (Airbus Helicopters) Model MBB-BK 117 C-2 and MBB-BK 117 D-2 helicopters. This AD requires altering and re-identifying the overhead panel shock mount assembly (shock mount). This AD was prompted by the manufacturer's stress recalculations. The actions of this AD are intended to correct an unsafe condition on these products.

AD: General Electric Company CF34-8E Engines***
Published 10/03/2018 Docket #: FAA-2018-0142 Effective date 11/07/2018
The FAA is adopting a new airworthiness directive (AD) for certain General Electric Company (GE) CF34-8E turbofan engines. This AD was prompted by a report from GE regarding a quality escape of nonconforming thrust reverser fire seals. This AD requires a one-time inspection of the gap between the core cowl seal and the pylon seal of the thrust reverser for correct gap width, and replacement of the seals, if needed.

AD: Dassault Aviation Airplanes***
Published 10/03/2018 Docket #: FAA-2018-0394 Effective date 11/07/2018
The FAA is adopting a new airworthiness directive (AD) for all Dassault Aviation Model MYSTERE-FALCON 50 airplanes. This AD was prompted by a determination that more restrictive maintenance requirements and airworthiness limitations are necessary. This AD requires revising the maintenance or inspection program, as applicable, to incorporate new and more restrictive maintenance requirements and airworthiness limitations.

FAA Guidance Documents and Notices

FAA Draft Advisory Circulars

AC: Airworthiness Approval of Airborne Systems used for Takeoff, Precision Approach, Landing, and Rollout in low-visibility conditions.
Issued 10/02/2018 Document #: AC 20-191 Comment date 12/03/2018
This advisory circular (AC) provides airworthiness criteria for low visibility takeoff, final approach, landing, and rollout in Category II and Category III weather minima. While the airworthiness criteria for low visibility takeoff is generic in nature, the criteria for the precision approach, landing, and rollout are tailored to using Instrument Landing System (ILS), and Ground Based Augmentation System (GBAS). This AC does not address Microwave Landing System (MLS).

Notices

Notice: Petition for Exemption; Summary of Petition Received; Rolls-Royce plc
Published 10/03/2018 Document #: 2018-21469 Comments due 10/23/2018
Rolls-Royce requests a time-limited exemption from 14 CFR 33.14 at amendment 33-10 and § 33.83(d) at amendment 33-17 for the Rolls-Royce Trent 1000-AE3, 1000-CE3, 1000-D3, 1000-G3, 1000-H3, 1000-J3, 1000-K3, 1000-L3, 1000-M3, 1000-N3, 1000-P3, 1000-Q3, 1000-R3, Trent 7000-72, and Trent 7000-72C engine models. Rolls-Royce seeks to temporarily exclude the intermediate pressure compression system from consideration of vibration stresses combined with steady

stresses, which exceed the endurance limits of the material concerned. Rolls-Royce states that compensating factors will meet the protections afforded by 14 CFR 33.14 at amendment 33-10 and § 33.83(d) at amendment 33-17.

Notice: Consensus Standards, Light-Sport Aircraft
Published 10/03/2018 Document #: 2018-21458 Comments due 12/03/2018
This notice announces the availability of two new and two revised consensus standards relating to the provisions of the Sport Pilot and Light-Sport Aircraft rule issued July 16, 2004, and effective September 1, 2004. ASTM International Committee F37 on Light-Sport Aircraft developed the new and revised standards with Federal Aviation Administration participation. By this notice, the Federal Aviation Administration finds the new and revised standards acceptable for certification of the specified aircraft

October 4, 2018

FAA Proposed Rules

NPRM AD: Airbus SAS Airplanes***
Published 10/04/2018 Docket #: FAA-2018-0806 Comments due 11/19/2018
The FAA proposes to supersede Airworthiness Directive (AD) 2015-12-08, which applies to all Airbus SAS Model A318 and A319 series airplanes and all Model A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, and A321-232 airplanes. AD 2015-12-08 requires an inspection to determine the batch number or installation date of the oxygen pipe assembly that is installed at the end of the right-hand crew distribution line, and replacement of the pipe if necessary. Since we issued AD 2015-12-08, further investigation determined that affected oxygen pipes may have been installed on more airplanes than initially identified. This proposed AD would revise the applicability to include additional airplane models and additional pipes to be replaced if necessary.

NPRM: Proposed Amendment of Class E Airspace; Bethel, ME
Published 10/04/2018 Docket #: FAA-2018-0883 Comments due 11/19/2018
This action proposes to amend Class E airspace extending upward from 700 feet above the surface at Bethel Regional Airport, Bethel, ME, to accommodate new area navigation (RNAV) global positioning system (GPS) standard instrument approach procedures serving this airport. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

FAA Guidance Documents and Notices

FAA Draft Advisory Circulars

AC: Avionics Human Factors Considerations for Design and Evaluation
Updated 10/03/2018 Document #: AC 20-HF Comment date 11/05/2018
This advisory circular (AC) identifies two reports that provide information in the form of "recommended practices" to facilitate the identification and resolution of human factors/pilot interface issues during the design and evaluation of avionics. The reports may also be applicable to the design and evaluation of unmanned aircraft control stations. This AC is not intended as guidance or policy for showing or finding compliance for airworthiness certification or operational

approval.

AC: Airworthiness Approval of Airborne Systems used for Takeoff, Precision Approach, Landing, and Rollout in low-visibility conditions.
Date
Issued 10/03/2018 Document #: AC 20-191 Comment date 12/03/2018
This advisory circular (AC) provides airworthiness criteria for low visibility takeoff, final approach, landing, and rollout in Category II and Category III weather minima. While the airworthiness criteria for low visibility takeoff is generic in nature, the criteria for the precision approach, landing, and rollout are tailored to using Instrument Landing System (ILS), and Ground Based Augmentation System (GBAS). This AC does not address Microwave Landing System (MLS).

Flight Standards Information Management System (FSIMS)

FSIMS: Removal of Designated Pilot Examiner Geographic Limitations and Other Restrictions
Issued 10/02/2018
This notice provides guidance on the removal of geographic limitations for all Flight Standards Service (FS) Designated Pilot Examiners (DPE). This notice identifies additional procedures for FS offices managing DPEs.

FSIMS: BE-300 / 300LW / B300 / B300C
Issued 10/04/2018
Revision 10a of the Textron Aviation Model 300 (300 (including FF Serials), 300LW, B300, B300C, B300C (MC-12W, UC-12W)) Master Minimum Equipment List.

Notices

Notice: Removal of Designated Pilot Examiner Geographic Limitations and Other Restrictions
Published 10/02/2018 Document #: N 8900.485
This notice provides guidance on the removal of geographic limitations for all Flight Standards Service (FS) Designated Pilot Examiners (DPE). This notice identifies additional procedures for FS offices managing DPEs.

October 5, 2018

FAA Final rules

Final Rule: Amendment of Class E Airspace, Belfast, ME
Published 10/05/2018 Docket #: FAA-2018-0199 Effective date 01/03/2019
This action amends Class E airspace extending upward from 700 feet above the surface at Belfast Municipal Airport, Belfast, ME, to accommodate airspace reconfiguration due to the decommissioning of the Belfast non-directional radio beacon and cancellation of the NDB approach. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at this airport. This action also updates the geographic coordinates of this airport.

Final Rule: Amendment of Class D Airspace; Lewiston, ID
Published 10/05/2018 Docket #: FAA-2018-0896 Effective date 11/08/2018

This action amends Class D airspace at Lewiston-Nez Perce County Airport, Lewiston, ID, by increasing the upward extension of Class D airspace from 2,700 feet MSL to 3,900 feet MSL. The upward extension was incorrectly lowered in the final rule published March 15, 2018.

FAA Guidance Documents and Notices

FAA Draft Advisory Circulars

AC: Development Assurance for Airborne Electronic Hardware
Updated 10/03/2018 Document #: AC 20-152A Comment date 10/05/2018
This AC describes an acceptable means, but not the only means, for showing compliance with the applicable airworthiness regulations for the electronic hardware aspects of airborne systems and equipment in Type Certification or TSO Authorization. This AC is not mandatory and does not constitute a regulation. However, if you use the means described in the AC, you must follow it in all applicable respects.

AC: Best Practices for Airborne Electronic Hardware Design Assurance Using EUROCAE ED 80 and RTCA DO-254
Updated 10/03/2018 Document #: AC 00-72 Comment date 10/05/2018
This advisory circular (AC) provides information in the form of 'best practices' and, as such, is not intended as guidance but rather as complementary information to ED-80/DO-254 and AC 20-152A. This document provides additional clarifications, explanatory text, or illustrations that could be helpful when addressing objectives of AC 20-152A. This document does not intend to cover each section of AC 20-152A.

AC: Management of Open Problem Reports
Updated 10/03/2018 Document #: AC 20-189 Comment date 10/05/2018
This advisory circular (AC) describes an acceptable process for the management of open problem reports (OPRs) in TSO Authorization and type certification for the System, Software and Airborne Electronic Hardware (AEH) domains.

AC: Best Practices for Management of Open Problem Reports
Updated 10/03/2018 Document #: AC 00-71 Comment date 10/05/2018
This advisory circular (AC) provides information in the form of 'best practices' and, as such, is not intended as guidance but rather as complementary information to AC 20-189.

AC: Technical Standard Order (TSO) Deviation Request Best Practices
Updated 10/03/2018 Document #: AC 00-DEV Comment date 10/05/2018
This advisory circular (AC) provides a means to streamline the Technical Standard Order (TSO) deviation process.

AC: Design Load Conditions for Rudder Control Reversal
Updated 10/03/2018 Document #: AC 25.353-X Comment date 10/15/2018
This proposed AC describes acceptable means for showing compliance with the requirements of title 14, Code of Federal Regulations (14 CFR) 25.353, "Rudder control reversal conditions," at amendment 25-XX. Section 25.353 specifies structural design load conditions that apply to the airframe and occur as a result of multiple rudder pedal inputs, specifically to cyclic, full rudder pedal reversals. This requirement applies only to airplanes that have a powered rudder control

surface or surfaces.

AC: Avionics Human Factors Considerations for Design and Evaluation
Updated 10/03/2018 Document #: AC 20-HF Comment date 11/05/2018
This advisory circular (AC) identifies two reports that provide information in the form of "recommended practices" to facilitate the identification and resolution of human factors/pilot interface issues during the design and evaluation of avionics. The reports may also be applicable to the design and evaluation of unmanned aircraft control stations. This AC is not intended as guidance or policy for showing or finding compliance for airworthiness certification or operational approval.
2

AC: Airworthiness Approval of Airborne Systems used for Takeoff, Precision Approach, Landing, and Rollout in low-visibility conditions.
Updated 10/03/2018 Document #: AC 20-191 Comment date 12/03/2018
This advisory circular (AC) provides airworthiness criteria for low visibility takeoff, final approach, landing, and rollout in Category II and Category III weather minima. While the airworthiness criteria for low visibility takeoff is generic in nature, the criteria for the precision approach, landing, and rollout are tailored to using Instrument Landing System (ILS), and Ground Based Augmentation System (GBAS). This AC does not address Microwave Landing System (MLS).

Notices

Notice: Petition for Exemption; Summary of Petition Received; The Boeing Company
Published 10/05/2018 Document #: 2018-21656 Comments due 10/25/2018
Bombardier Inc. requests time-limited relief from the requirements for engine-flameout caution alerting on Bombardier Model BD-700-2A12 airplanes.

Notice: Mitigation Procedure to Prevent Excessive Memory Leaks tn ERAM Channels and the Nap Realms
Published 10/04/2018 Document #: JO 6100.25
This notice advises all Air Route Traffic Control Center (ARTCC) stakeholders to update the En Route Automation Modernization (ERAM) channel and National Application (NAP) realm maintenance tasks in the latest edition of Order JO 6100.1H, Maintenance of NAS En Route Stage A — Air Traffic Control System, as detailed in Paragraph 5, Action, of this notice. These changes will be included in the next revision of, or change package to, JO 6100.1H. This document's content can only be accessed from within the FAA network.

Draft Technical Standards Orders

TSO: Electronic Map Display Equipment for Graphical Depiction of Aircraft Position (Own-Ship)
Updated 09/19/2018 Comments due 10/22/2018
This technical standard order (TSO) is for manufacturers applying for a TSO authorization (TSOA) or letter of design approval (LODA). In it, we (the Federal Aviation Administration, (FAA)) tell you what minimum performance standards (MPS) your Electronic Map Display (EMD) for graphical depiction of aircraft position (own-ship) must first meet for approval and identification with the applicable TSO marking.

Flight Standards Service Draft Advisory Circular

AC: Air Cargo Operations
Updated 09/19/2018 Reference #: Title 14 Part 43-135 Comments due 10/12/2018
This Flight Standards Service advisory circular (AC) contains guidance on cargo operations. Proper cargo loading is essential for safe flight operations. Air operators must have procedures in place to ensure that employees and vendors are properly trained in the process, the loading is properly completed, and cargo restraints and loading devices are properly maintained.

AC: Instrument Flight Procedure Service Provider Authorization Guidance for Spacebased Instrument Flight Procedures
Updated 09/19/2018 Reference #: Title 14 Part 97 Comments due 10/07/2018
This advisory circular (AC) provides guidance for non-FAA Instrument Flight Procedure (IFP) developers, hereinafter referred to as "service providers," to become authorized by the Federal Aviation Administration (FAA) to develop public, space-based IFPs

AC: Instrument Flight Procedure Validation (IFPV) of Performance Based Navigation (PBN) Instrument Flight Procedures (IFP)
Updated 09/19/2018 Reference #: AC 90-113B Comments due 10/07/2018
This advisory circular (AC) provides guidance for conducting IFPV of satellite-enabled PBN) instrument flight procedures for both fixed-wing and helicopter aircraft. It also addresses validation of helicopter wide area augmentation system (WAAS) special IFP.

AC: Communication and Coordination Between Flightcrew Members and Flight Attendants
Updated 09/19/2018 Reference #: Title 14 Part 1-125 Comments due 10/22/2018
The FAA published AC 120-48, Communication and Coordination Between Flight Crewmembers and Flight Attendants, on July 13, 1988 to provide information and guidance on common problems associated with crew coordination and communication between the flight deck and flight attendants.

Draft Flight Standardization Board/Operational Suitability Report

FSB: Robinson Helicopter Company R22
Updated 10/04/2018 Revision 1 Draft X Comments due 10/05/2018

FSB: Robinson Helicopter Company R66
Updated 10/04/2018 Revision 1 Draft X Comments due 0/05/2018

FSB: Boeing 787
Updated 10/04/2018 Revision 6 Draft X Comments due 10/09/2018

FSB: Bombardier BD-100-1A10 (Challenger 300 and Challenger 350)
Updated 10/04/2018 Revision 4 Draft X Comments due 10/19/2018

FSB: Bombardier BD-500
Updated 10/04/2018 Revision 1 Draft X Comments due 10/29/2018

FSB: ERJ 170

Updated 10/04/2018 Revision 6 Draft X Comments due 11/06/2018

FSB: Boeing 767
Updated 10/04/2018 Revision 10 Draft X Comments due 11/05/2018

FSB: Boeing 757
Updated 10/04/2018 Revision 10 Draft X Comments due 11/05/2018

Draft Master Minimum Equipment List

MMEL: Airbus Helicopters Deutschland GmbH, MBB-BK 117 C-2, (TCDS H13EU)
Updated 10/04/2018 Revision 3 Draft X Comments due 10/22/2018

MMEL: BAe-146
Updated 10/04/2018 Revision 23 Draft X Comments due 11/05/2018

October 9, 2018

FAA Final rules

AD: Airbus SAS Airplanes***
Published 10/09/2018 Docket #: FAA-2018-0301 Effective date 11/13/2018
The FAA is adopting a new airworthiness directive (AD) for all Airbus SAS Model A300 series airplanes; Model A300 B4-600, B4-600R, and F4-600R series airplanes, and Model A300 C4-605R Variant F airplanes (collectively called Model A300-600 series airplanes); and Model A310 series airplanes. This AD was prompted by a report of yellow hydraulic system failure, including both braking accumulators, due to failure of the parking brake operated valve (PBOV). This AD requires replacement of a certain PBOV with a different PBOV.

AD: Dassault Aviation Airplanes***
Published 10/09/2018 Docket #: FAA-2018-0357 Effective date 11/13/2018
The FAA is adopting a new airworthiness directive (AD) for certain Dassault Aviation Model FALCON 2000EX airplanes. This AD was prompted by the manufacturer revising the airplane maintenance manual (AMM) maintenance requirements and airworthiness limitations. This AD requires revising the maintenance or inspection program, as applicable, to incorporate new maintenance requirements and airworthiness limitations.

AD: Dassault Aviation Airplanes***
Published 10/09/2018 Docket #: FAA-2018-0451 Effective date 11/13/2018
The FAA is adopting a new airworthiness directive (AD) for certain Dassault Aviation Model FALCON 900EX airplanes. This AD was prompted by reports of rejected take-offs due to untimely inboard flap retraction. This AD requires modification of the slat/flap control wiring and replacement of the slat/flap control box with an improved box.

FAA Proposed Rules

NPRM AD: Airbus Defense and Space S.A. (Formerly Known as Construcciones Aeronauticas, S.A.) Airplanes***

Published 10/09/2018 Docket #: FAA-2018-0805 Comments due 11/23/2018
The FAA proposes to adopt a new airworthiness directive (AD) for certain Airbus Defense and Space S.A. Model CN-235, CN-235-200 and CN-235-300 airplanes. This proposed AD was prompted by a determination that new or more restrictive airworthiness limitations are necessary. This proposed AD would require revising the maintenance or inspection program, as applicable, to incorporate new or more restrictive airworthiness limitations. We are proposing this AD to address the unsafe condition on these products.

NPRM AD: Dassault Aviation Model FALCON 2000 Airplanes***
Published 10/09/2018 Docket #: FAA-2018-0809 Comments due 11/23/2018
The FAA proposes to adopt a new airworthiness directive (AD) for certain Dassault Aviation Model FALCON 2000 airplanes. This proposed AD was prompted by a report of chafing of a wire bundle located at the bottom of the right hand electrical cabinet. This proposed AD would require a one-time general visual inspection of the wiring bundle for damage, measurement of the clearance between the metallic plate and the wiring bundle, and corrective actions if necessary. We are proposing this AD to address the unsafe condition on these products.

NPRM: Proposed Primary Category Design Standards; Vertical Aviation Technologies (VAT) Model S-52L Rotorcraft
Published 10/09/2018 Docket #: FAA-2018-0860 Comments due 09/26/2018
This action shortens the comment period for the notice of availability; request for comments that was published on September 26, 2018. In that document, the FAA announced the existence of and requested comments on the proposed airworthiness design standards for acceptance of the Vertical Aviation Technologies (VAT) Model S-52L rotorcraft under the regulations for primary category aircraft.

FAA Guidance Documents and Notices

Notices

Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Reinstated Approval of Information Collection: Flight Simulation Device Initial and Continuing Qualification and Use
Published 10/09/2018 Document #: 2018-21885 Comments due 11/08/2018
In accordance with the Paperwork Reduction Act of 1995, FAA invites public comments about our intention to request the Office of Management and Budget (OMB) approval to renew an information collection. This request for clearance reflects requirements necessary under regulations to ensure safety-of-flight by ensuring that complete and adequate training, testing, checking, and experience is obtained and maintained by those who operate under regulation and use flight simulation in lieu of aircraft for these functions. The Federal Register Notice with a 60-day comment period soliciting comments on the following collection of information was published on November 30, 2017.

Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: 2120-0043
Published 10/09/2018 Document #: 2018-21886 Comments due 12/10/2018
In accordance with the Paperwork Reduction Act of 1995, FAA invites public comments about our intention to request the Office of Management and Budget (OMB) approval to renew an

information collection. The collection involves return to the Civil Aviation Aircraft Registry of information relating to the release of a lien that has been recorded with the Registry. Regulations provide for establishing and maintaining a system for the recording of security conveyances affecting title to, or interest in U.S. civil aircraft, as well as certain specifically identified engines, propellers, or spare parts locations, and for recording of releases relating to those conveyances.

Draft Flight Standardization Board/Operational Suitability Report

FSB: Embraer ERJ 190
Updated 10/05/2018 Revision 6 Draft X Comments due 11/05/2018

October 10, 2018

FAA Final rules

AD: CFM International S.A. Turbofan Engines***
Published 10/10/2018 Docket #: FAA-2018-0855 Effective date 10/25/2018
The FAA is adopting a new airworthiness directive (AD) for all CFM International S.A. (CFM) LEAP-1A23, -1A24, -1A24E1, -1A26, -1A26E1, -1A26CJ, -1A29, -1A29CJ, -1A30, -1A32, -1A33, -1A33B2, and -1A35A turbofan engines with certain full authority digital engine control (FADEC) and prognostic health monitoring (PHM) software installed. This AD requires removing certain FADEC and PHM software and installing versions eligible for installation. This AD was prompted by aborted takeoffs after engines did not advance to the desired takeoff fan speed due to icing in the pressure sensor line.

AD: GEVEN S.p.A. Seat Assemblies, Type D1-02 and D1-03***
Published 10/10/2018 Docket #: FAA-2017-0504 Effective date 11/14/2018
The FAA is adopting a new airworthiness directive (AD) for certain GEVEN S.p.A. (Geven) Type D1-02 and D1-03 seat assemblies. This AD was prompted by a report that seat belt attachment bolts were found detached or partially detached from the seat. This AD requires inspection, torque verification, and modification of certain model seats.

AD: General Electric Company Turbofan Engines***
Published 10/10/2018 Docket #: FAA-2018-0863 Effective date 10/25/2018
The FAA is adopting a new airworthiness directive (AD) for all General Electric Company (GE) CF34-10A16, CF34-10E2A1, CF34-10E5, CF34-10E5A1, CF34-10E6, CF34-10E6A1, CF34-10E7, and CF34-10E7-B turbofan engines with certain high-pressure turbine (HPT) front rotating air seals. This AD requires replacement of the affected HPT front rotating air seal. This AD was prompted by cracks found in the HPT front rotating air seal.

AD: Hoffmann GmbH & Co. KG Propellers***
Published 10/10/2018 Docket #: FAA-2018-0281 Effective date 11/14/2018
The FAA is adopting a new airworthiness directive (AD) for certain Hoffmann GmbH & Co. KG model HO-V 62 propellers. This AD was prompted by the failure of the propeller blade lag screws. This AD requires removal of the affected propeller blades and installation of modified propeller blades marked with change letter “A” or “B.”

Final Rule: Amendment of Class D and Class E Airspace; Pensacola, FL, and Establishment of Class

E Airspace; Milton, FL
Published 10/10/2018 Docket #: FAA-2018-0062 Effective date 01/03/2019
This action corrects a final rule published in the Federal Register on August 29, 2018, amending Class D airspace and Class E airspace extending upward from 700 feet above the surface, and establishing Class E surface airspace at Choctaw Naval Outlying Field (NOLF), Milton, FL. Additional text was inadvertently omitted from the NOTAM information of Class D airspace and Class E surface airspace for Choctaw NOLF.

FAA Proposed Rules

NPRM AD: Pratt & Whitney Turbofan Engines***
Published 10/10/2018 Docket #: FAA-2018-0624 Comments due 11/26/2018
The FAA proposes to supersede Airworthiness Directive (AD) 2017-11-06, which applies to all Pratt & Whitney (PW) PW2037, PW2037D, PW2037M, PW2040, PW2040D, PW2043, PW2143, PW2643, and F117-PW-100 turbofan engine models. AD 2017-11-06 requires initial and repetitive on-wing eddy current inspections (ECIs) of affected engines with certain diffuser and high-pressure turbine (HPT) cases installed. AD 2017-11-06 also requires a fluorescent-penetrant inspection (FPI) of the diffuser case rear flange and the HPT case front flange. Since we issued AD 2017-11-06, we learned of designated engineering representative (DER)-approved diffuser case M-flange replacement repairs. This proposed AD would require an on-wing ECI of all diffuser case M-flange replacement repairs.

NPRM AD: Pratt & Whitney Division (PW) Turbofan Engines***
Published 10/10/2018 Docket #: FAA-2018-0826 Comments due 11/26/2018
We propose to adopt a new airworthiness directive (AD) for certain Pratt & Whitney Division (PW) PW4074, PW4074D, PW4077, PW4077D, PW4084D, PW4090, and PW4090-3 turbofan engines. This proposed AD was prompted by an in-flight failure of a 1st stage low-pressure compressor (LPC) blade. This proposed AD would require initial and repetitive thermal acoustic imaging (TAI) inspections for cracks in certain 1st stage LPC blades and removal of those blades that fail inspection

FAA Guidance Documents and Notices

Notices

Notice: Interim Certification Parameters and Tasks for FA-30200 PAPI to Order JO 6850.5
Published 10/09/2018 Document #: JO 6850.85
This document's content can only be accessed from within the FAA network.

October 11, 2018

FAA Final rules

AD: The Boeing Company Airplanes***
Published 10/11/2018 Docket #: FAA-2017-0127 Effective date 11/15/2018
The FAA is adopting a new airworthiness directive (AD) for all The Boeing Company Model 737 airplanes, excluding Model 737-100, -200, -200C, -300, -400, and -500 series airplanes; all Model 757-200, -200PF, -200CB, and -300 series airplanes; and all Model 767-200, -300, -300F, and -400ER

series airplanes. This AD was prompted by reports of latently failed motor-operated valve (MOV) actuators of the fuel shutoff valves. This AD requires replacing certain MOV actuators of the fuel shutoff valves for the left and right engines (on certain airplanes) and of the auxiliary power unit (APU) fuel shutoff valve (on Model 757 and Model 767 airplanes); and revising the maintenance or inspection program to incorporate certain airworthiness limitations (AWLs).

AD: Airbus SAS Airplanes***
Published 10/11/2018 Docket #: FAA-2018-0410 Effective date 11/15/2018
The FAA is adopting a new airworthiness directive (AD) for all Airbus SAS Model A350-941 airplanes. This AD was prompted by an inspection on the production line that revealed evidence of paint peeling on the forward and aft cargo frame forks around the hook bolt hole. This AD requires a detailed visual inspection for any deficiency of the frame forks around the hook bolt hole on certain forward and aft cargo doors and applicable corrective actions.

Final Rule: Amendment of Chicago Class B and Chicago Class C Airspace; Chicago, IL
Published 10/11/2018 Docket #: FAA-2018-0632 Effective date 10/11/2018
This action incorporates this amendment into FAA Order 7400.11C for a final rule published in the Federal Register of August 16, 2018, for the above titled, Amendment of Chicago Class B and Chicago Class C Airspace; Chicago, IL.

FAA Guidance Documents and Notices

Flight Standards Information Management System (FSIMS)

FSIMS: Gulfstream GIV-X (G350/G450), GV, GV-SP(G500/G550)
Issued 10/10/2018
Revision 12 of the Gulfstream (G350/450, G500/550) Master Minimum Equipment List.

FSIMS: Evaluate Proposed Adjustments to Task Intervals/Time Limitations for Part 121/135 (10 or More)/91K Continuous Airworthiness Maintenance Program Maintenance Schedules
Issued 10/10/2018
This section provides guidance for an aviation safety inspector (ASI) with a Maintenance or Avionics specialty on how to evaluate proposed task interval/time limitation adjustments for maintenance programs.

FSIMS: Safety Assurance System: Evaluate a Part 121 and Part 135 Continuous Airworthiness Maintenance Program
Issued 10/10/2018
This section provides the information, policy, and guidance that the inspector needs to evaluate a Title 14 of the Code of Federal Regulations (14 CFR) part 119 certificate holder's Continuous Airworthiness Maintenance Program (CAMP) according to applicable 14 CFR regulations and Federal Aviation Administration (FAA) policy. For the purpose of this section, a CAMP, Maintenance, Preventive Maintenance, and Alteration Program are the same.

FSIMS: Safety Assurance System: Evaluating Short-Term Escalation Procedures
Issued 10/10/2018
This chapter provides guidance for evaluating Title 14 of the Code of Federal Regulations (14 CFR) part 121 and 14 CFR part 135, § 135.411(a)(2) certificate holders' short-term escalation procedures

based on requirements for Operations Specification (OpSpec) D076, Short-Term Escalation Authorization.

FSIMS: Change 604 to 8900.1
Issued 10/10/2018
This change revises Volume 3, Chapter 43, Section 1, Safety Assurance System: Evaluate a Part 121 and Part 135 Continuous Airworthiness Maintenance Program, by adding an airworthiness limitation subparagraph and information pertaining to On-Condition Engine Maintenance Programs.

Notices

Notice: Public Notice for Waiver of Aeronautical Land-Use Assurance; General Wayne A. Downing Peoria International Airport, Peoria, IL
Published 10/11/2018 Document #: 2018-22197 Comments due 11/13/2018
The FAA is considering a proposal to change portions of 18 different parcels with a total of 2.778 acres of airport land from aeronautical use to non-aeronautical use and to authorize the sale of airport property located at General Wayne A. Downing Peoria International Airport, Peoria, IL. The aforementioned land is not needed for aeronautical use.

Notice: Change to Aircraft Type Designators
Published 10/10/2018 Document #: JO 7110.762
This GENOT makes changes to aircraft weight classes and wake turbulence categories. Changes are reflected in the following charts and are supplemental to terminal procedures and information contained in FAA ORDERS JO 7110.65, JO 7110.659, JO 7110.123, JO 7110.126, AND JO 7360.1. Air traffic control procedures contained in these orders must be applied in support of these changes.

October 12, 2018

FAA Special Conditions

SC: Bell Helicopter Textron, Inc. (BHTI), Model 525 Helicopters; Control Margin Awareness
Published 10/12/2018 Docket #: FAA-2017-1128 Effective date 11/13/2018
These special conditions are issued for the BHTI Model 525 helicopter. This helicopter will have a novel or unusual design feature associated with the fly-by-wire flight control system (FBW FCS) in the area of pilot awareness of the control margins remaining while maneuvering the helicopter. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature. These special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that established by the existing airworthiness standards.

SC: Bell Helicopter Textron, Inc. (BHTI), Model 525 Helicopters; Flight Envelope Protection
Published 10/12/2018 Docket #: FAA-2017-1127 Comments due 11/13/2018
These special conditions are issued for the BHTI Model 525 helicopter. This helicopter will have a novel or unusual design feature associated with fly-by-wire flight control system (FBW FCS) flight envelope protection. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature. These special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that established by the existing airworthiness standards.

FAA Guidance Documents and Notices

FAA Draft Advisory Circulars

AC: Design Load Conditions for Rudder Control Reversal
Issued 10/11/2018 Document #: AC 25.353-X Comment date 10/15/2018
This proposed AC describes acceptable means for showing compliance with the requirements of title 14, Code of Federal Regulations (14 CFR) 25.353, "Rudder control reversal conditions," at amendment 25-XX. Section 25.353 specifies structural design load conditions that apply to the airframe and occur as a result of multiple rudder pedal inputs, specifically to cyclic, full rudder pedal reversals. This requirement applies only to airplanes that have a powered rudder control surface or surfaces.

AC: Avionics Human Factors Considerations
Issued 10/11/2018 Document #: AC 20-HF Comment date 11/05/2018
This advisory circular (AC) identifies two reports that provide information in the form of "recommended practices" to facilitate the identification and resolution of human factors/pilot interface issues during the design and evaluation of avionics. The reports may also be applicable to the design and evaluation of unmanned aircraft control stations. This AC is not intended as guidance or policy for showing or finding compliance for airworthiness certification or operational approval.

AC: Airworthiness Approval of Airborne Systems used for Takeoff, Precision Approach, Landing, and Rollout in low-visibility conditions.
Issued 10/11/2018 Document #: AC 20-191 Comment date 12/03/2018
This advisory circular (AC) provides airworthiness criteria for low visibility takeoff, final approach, landing, and rollout in Category II and Category III weather minima. While the airworthiness criteria for low visibility takeoff is generic in nature, the criteria for the precision approach, landing, and rollout are tailored to using Instrument Landing System (ILS), and Ground Based Augmentation System (GBAS). This AC does not address Microwave Landing System (MLS).

Flight Standards Service Draft Advisory Circular

AC: Air Cargo Operations
Updated 10/10/2018 Reference #: Title 14 Part 43-135 Comments due 10/12/2018
This Flight Standards Service advisory circular (AC) contains guidance on cargo operations. Proper cargo loading is essential for safe flight operations. Air operators must have procedures in place to ensure that employees and vendors are properly trained in the process, the loading is properly completed, and cargo restraints and loading devices are properly maintained. The flightcrew, the load supervisor, loading personnel, and the person designated by the operator to perform Weight and Balance (W&B) calculations must all take responsibility to ensure that the process is completed correctly.

AC: Communication and Coordination Between Flightcrew Members and Flight Attendants
Updated 10/10/2018 Reference #: Title 14 Part 1-125 Comments due 10/22/2018
The FAA published AC 120-48, Communication and Coordination Between Flight Crewmembers and Flight Attendants, on July 13, 1988 to provide information and guidance on common problems

associated with crew coordination and communication between the flight deck and flight attendants. The AC was based on the report, "Cockpit and Cabin Crew Coordination," which is made available through the John A. Volpe National Transportation Systems Center, Springfield, Virginia, 22161, or online at https://rosap.ntl.bts.gov/view/dot/9786.

Draft Flight Standardization Board/Operational Suitability Report

FSB: Bombardier BD-100-1A10 (Challenger 300 and Challenger 350)
Updated 10/10/2018 Revision 4 Draft X Comments due 10/19/2018

FSB: Bombardier BD-500
Updated 10/10/2018 Revision 1 Draft X Comments due 10/29/2018

FSB: Embraer ERJ 170
Updated 10/10/2018 Revision 6 Draft X Comments due 11/05/2018

FSB: Boeing 767
Updated 10/10/2018 Revision 10 Draft X Comments due 11/05/2018

FSB: Embraer ERJ 190
Updated 10/10/2018 Revision 6 Draft X Comments due 11/05/2018

Draft Master Minimum Equipment List

MMEL: Airbus Helicopters Deutschland GmbH, MBB-BK 117 C-2, (TCDS H13EU)
Updated 10/04/2018 Revision 3 Draft X Comments due 10/22/2018

MMEL: BAE Systems BAe 146/Avro 146-RJ
Updated 10/04/2018 Revision 23 Draft X Comments due 11/05/2018

October 15, 2018

FAA Final rules

AD: Airbus SAS Airplanes***
Published 10/15/2018 Docket #: FAA-2018-0498 Effective date 11/19/2018
The FAA is adopting a new airworthiness directive (AD) for certain Airbus SAS Model A330-200 Freighter, -200, and -300 series airplanes. This AD was prompted by reports of Angle of Attack (AOA) blockages not detected by upgraded flight control primary computer (FCPC) software standards. This AD requires upgrading certain FCPCs, which terminates a certain airplane flight manual revision for certain airplanes.

AD: Bombardier, Inc., Airplanes***
Published 10/15/2018 Docket #: FAA-2018-0546 Effective date 11/19/2018
We are adopting a new airworthiness directive (AD) for certain Bombardier, Inc., Model BD-700-1A10 and BD-700-1A11 airplanes. This AD was prompted by reports of multiple in-flight departures of the aft belly fairing access panels. This AD requires modification of the aft belly fairing access panels.

AD: The Boeing Company Airplanes***

Published 10/15/2018 Docket #: FAA-2017-0814 Effective date 11/19/2018

The FAA is adopting a new airworthiness directive (AD) for certain The Boeing Company Model 737-600, -700, -700C, -800, -900, and -900ER series airplanes. This AD was prompted by significant changes made to the airworthiness limitations (AWL) related to fuel tank ignition prevention and the nitrogen generation system. This AD requires revision of the maintenance or inspection program, as applicable, to include the latest revision of the AWLs.

Final Rule: Amendment of Class E Airspace; Wooster, OH

Published 10/15/2018 Docket #: FAA-2018-0370 Effective date 01/03/2019

This action modifies Class E airspace extending upward from 700 feet above the surface at Wayne County Airport, Wooster, OH. This action is the result of an airspace review caused by the decommissioning of the Tiverton VHF omnidirectional range (VOR) navigation aid as part of the VOR Minimum Operational Network (MON) Program. The geographic coordinates of the airport are also updated to coincide with the FAA's aeronautical database.

Final Rule: Establishment of Class D and E Airspace, and Amendment of Class E Airspace; Austin, TX

Published 10/15/2018 Docket #: FAA-2017-9378 Effective date 01/03/2019

This action establishes Class D airspace, Class E surface airspace, and amends Class E airspace extending upward from 700 feet above the surface at Austin Executive Airport, Austin, TX. The FAA conducted an airspace review and determined that airspace redesign is necessary due to the establishment of an air traffic control tower at the airport. Also, an editorial change is made removing the city associated with the airport names in the exiting Class E airspace. This action enhances the safety and management of instrument flight rules (IFR) operations at these airports. Additionally, exclusionary language is added, which was inadvertently left out of the Class D airspace description, and the geographic coordinates are corrected for Lago Vista-Rusty Allen Airport.

FAA Proposed Rules

NPRM: Proposed Amendment of Class D and E Airspace; Milwaukee, WI

Published 10/15/2018 Docket #: FAA-2018-0829 Comments due 11/29/2018

This action proposes to amend Class D airspace and Class E airspace extending upward from 700 feet above the surface at Lawrence J. Timmerman Airport, Milwaukee, WI. The FAA is proposing this action as the result of an airspace review caused by the decommissioning of the Timmerman VHF omnidirectional range (VOR) navigation aid, which provided navigation information for the instrument procedures at this airport, as part of the VOR Minimum Operational Network (MON) Program. This action would also replace the outdated term “Airport/Facility Directory” with “Chart Supplement”. Airspace redesign is necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

NPRM: Proposed Amendment of Class E Airspace; Lawrenceville, IL

Published 10/15/2018 Docket #: FAA-2018-0828 Comments due 11/29/2018

This action proposes to amend Class E airspace extending upward from 700 feet above the surface at Lawrenceville-Vincennes International Airport, Lawrenceville, IL, and Mount Carmel Municipal Airport, Mount Carmel, IL. The FAA is proposing this action as the result of an airspace review

caused by the decommissioning of the Lawrenceville VHF omnidirectional range (VOR) navigation aid, which provided navigation information for the instrument procedures at these airports, as part of the VOR Minimum Operational Network (MON) Program. Airspace redesign is necessary for the safety and management of instrument flight rules (IFR) operations at these airports.

NPRM: Proposed Establishment of Class E Airspace; Engelhard, NC
Published 10/15/2018 Docket #: FAA-2018-0626 Comments due 11/29/2018
This action proposes to establish Class E airspace extending upward from 700 feet above the surface at Hyde County Airport, Engelhard, NC, to accommodate new area navigation (RNAV) global positioning system (GPS) standard instrument approach procedures serving this airport. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

NPRM: Proposed Amendment of Class E Airspace; Oscoda, MI
Published 10/15/2018 Docket #: FAA-2018-0879 Comments due 11/29/2018
This action proposes to amend Class E surface airspace at Oscoda-Wurtsmith Airport, Oscoda, MI. The FAA is proposing this action as the result of an airspace review caused by the decommissioning of the Au Sable VHF omnidirectional range (VOR) navigation aid, which provided navigation guidance for the instrument procedures at the airport, as part of the VOR Minimum Operational Network (MON) Program. The geographic coordinates for the airport in the associated airspace would also be updated to coincide with the FAA's aeronautical database. Airspace redesign is necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

FAA Guidance Documents and Notices

FAA Final Advisory Circulars

AC: Certification of Propellers
Issued 10/11/2018 Document #: AC 35-1A Effective date M/D/YYYY
This advisory circular (AC) provides guidance and describes acceptable methods, but not the only methods, that may be used to demonstrate compliance with provisions of the requirements of part 35 of Title 14 of the Code of Federal Regulations (14 CFR part 35).

AC: FAA Approval of Electrical Firing Cartridge Components in an Aircraft Fire Extinguishing or Suppression System
Issued 10/11/2018 Document #: AC 20-144A
This advisory circular (AC) provides acceptable means for showing compliance with the requirements of title 14, Code of Federal Regulations (14 CFR) 23.1301, amendment 23-62 or earlier, 25.1301, 27.1301, and 29.1301 (herein, collectively, 2X.1301), Function and installation, with regard to fire extinguishing or suppression systems that contain electrical firing cartridge components.

AC: Airworthiness Approval of Installed Radio Frequency Identification (RFID) Tags and Sensors
Issued 10/11/2018 Document #: AC 20-162B
This advisory circular (AC) provides certification applicants with airworthiness guidance for installing passive, battery-assisted passive (BAP), and active radio frequency identification (RFID) tags and sensors on aviation products and equipment. This AC is not mandatory and does not constitute a regulation. This AC describes an acceptable means, but not the only means of

accomplishing airworthiness approval for the installation of these RFID tags and sensors on aircraft. However, if you use the means described in this AC, you should follow it in all important respects unless alternate means are proposed and accepted by the Federal Aviation Administration (FAA). The term “must” is used to indicate mandatory requirements driven by regulation when following the guidance in this AC. The term “should” is used to indicate that the guidance is recommended, but not required, to comply with this AC.

FAA Draft Advisory Circulars

AC: Guidance on Testing and Installation of Rechargeable Lithium Battery and Battery Systems on Aircraft
Upated 10/12/2018 Document #: AC 20-184A Comment date 11/17/2018
This advisory circular (AC) provides manufacturers and installers an acceptable means of compliance to meet the installation, operation, maintenance and airworthiness requirements including special conditions, safety objectives and safety criteria for the use of rechargeable lithium battery and battery systems on aircraft.

AC: Guidance on Testing and Installation of Non-rechargeable Lithium cells, Batteries and Batteries within End Items on Aircraft
Upated 10/12/2018 Document #: AC 20-192 Comment date 11/17/2018
This advisory circular (AC) provides manufacturers and installers an acceptable means of compliance to meet the installation, operation, maintenance and airworthiness requirements for installation of non-rechargeable lithium batteries on aircraft.

Flight Standards Information Management System (FSIMS)

FSIMS: BD-500-2A12
Issued 10/12/2018
Revision 0 of the Bombardier (BD-700-2A12 (Global 7500)) Master Minimum Equipment List.

FSIMS: BD-500-1A10/BD-500-1A11
Issued 10/12/2018
Revision 1 of the Bombardier (BD-500-1A10, BD-500-1A11) Master Minimum Equipment List.

Notices

Notice: ICAO THREE LETTER DESIGNATOR (3LD) “KII” AND ASSOCIATED TELEPHONY “DRAGSTER”
Published 10/11/2018 Document #: JO 7340.485
Additions to JO 7340.2, Contractions, Chapter 3, Sections 1, 2, and 3 have been approved for KII (Dragster).

Notice: Commercial Pilot-Military Competency Non-Category-Specific Aeronautical Knowledge Test and the Commercial Pilot-Military Competence Airman Certification Standards
Published 10/12/2018 Document #: 8900.486
This notice introduces the new Military Competency Non-Category Specific (MCN) aeronautical knowledge test and the new Commercial Pilot-Military Competence Airman Certification Standards (ACS), F AA-S-ACS-12.

Meeting: Research, Engineering and Development Advisory Committee Meeting
Meeting date 11/14/2018 Meeting time 9:30am – 4:30pm Time zone (EST/etc.)
The FAA is issuing this notice to advise the public of the Research, Engineering & Development Advisory Committee meeting.

Draft Technical Standards Orders

TSO: INTEGRATED MODULAR AVIONICS (IMA) PLATFORM AND MODULES
Updated 10/12/2018 Comments due 11/14/2018
This technical standard order (TSO) is for manufacturers applying for a TSO authorization (TSOA) or letter of design approval (LODA). In it, we (the Federal Aviation Administration, (FAA)) tell you what minimum performance standards (MPS) your integrated modular avionics (IMA) platform and/or module must first meet for approval and identification with the applicable TSO marking.

Flight Standards Service Draft Advisory Circular

AC: Standardized Curricula Delivered by Part 142 Training Centers
Updated 10/15/2018 Reference #: Title 14 Part 1-142 Comments due 11/13/2018
This Advisory Circular (AC) identifies how a certificate holder operating under Title 14 of the Code of Federal Regulations (14 CFR) part 135 may use a part 142 training center for training. It provides information and guidance to certificate holders to enable compliance with part 135 §135.324 (Training program: Special rules). It provides guidance for the development of approved curriculums, segments, and portions of curriculum segments applicable for use in training required by part 135. This AC introduces and recommends the use of standardized curricula for part 135 training and describes the associated benefits.

October 16, 2018

FAA Final rules

AD: The Boeing Company Airplanes***
Published 10/16/2018 Docket #: FAA-2018-0415 Effective date 11/20/2018
The FAA is adopting a new airworthiness directive (AD) for all The Boeing Company Model 737-100, -200, -200C, -300, -400, -500 series airplanes. This AD was prompted by the results of a fleet survey that revealed cracking in the bulkhead frame web at a certain body station. This AD requires repetitive inspections of the bulkhead frame web at a certain station, and applicable on-condition actions.

AD: Bombardier, Inc., Airplanes***
Published 10/16/2018 Docket #: FAA-2018-0449 Effective date 11/20/2018
The FAA is adopting a new airworthiness directive (AD) for certain Bombardier, Inc., Model DHC-8-400 series airplanes. This AD was prompted by a report of uncommanded deployment of the ground spoilers when the power levers were advanced for takeoff, which was caused by faulty switches in the power lever module. This AD requires revising the maintenance or inspection program, as applicable.

AD: ATR-GIE Avions de Transport Régional Airplanes***

Published 10/16/2018 Docket #: FAA-2018-0494 Effective date 11/20/2018
We are superseding Airworthiness Directive (AD) 2006-07-26, which applied to all ATR-GIE Avions de Transport Régional Model ATR42 airplanes. AD 2006-07-26 required a one-time inspection to detect discrepancies (e.g., cracking, loose/sheared fasteners, distortion) on the left-hand and right-hand wings, of the outer wing box upper skin and upper rib feet, and repair if necessary. Since we issued AD 2006-07-26, after initial findings had suggested the cracking was isolated to a few airplanes, we received reports of cracking in these same areas on other Model ATR42 airplanes. This AD requires repetitive inspections to detect discrepancies on the left-hand and right-hand wings, of the outer wing box upper skin and upper rib feet, and repair if necessary.

AD: Airbus SAS Airplanes***
Published 10/16/2018 Docket #: FAA-2018-0583 Effective date 11/20/2018
The FAA is superseding Airworthiness Directive (AD) 2017-16-07, which applied to certain Airbus SAS Model A330-200, A330-200 Freighter, A330-300, A340-500, and A340-600 series airplanes; and Model A340-313 airplanes. AD 2017-16-07 required inspection of the fuselage bulk cargo door frames at specific locations, and corrective action if necessary. This AD requires new inspections of certain attachment holes for residual surface treatment and cracking, and corrective action if necessary; and provides an optional terminating action for the inspections. This AD also revises the applicability to add certain airplanes and remove others. This AD was prompted by a determination that only airplanes having certain manufacturer serial numbers (MSNs) are affected by tartaric sulfuric anodizing (TSA)/chromic acid anodizing (CAA) surface treatment in the door fitting attachment holes, and that airplanes having certain MSNs were excluded. This AD is intended to complete certain mandated programs intended to support the airplane reaching its limit of validity (LOV) of the engineering data that support the established structural maintenance program.

AD: The Boeing Company Airplanes***
Published 10/16/2018 Docket #: FAA-2017-0771 Effective date 11/20/2018
The FAA is superseding Airworthiness Directive (AD) 2015-09-07, which applied to all The Boeing Company Model 787 airplanes. AD 2015-09-07 required a repetitive maintenance task for electrical power deactivation. This AD requires installing new software for the generator control unit (GCU). This AD also removes certain airplanes from the applicability. This AD was prompted by the determination that a Model 787 airplane that has been powered continuously for 248 days can lose all alternating current (AC) electrical power due to the GCUs simultaneously going into failsafe mode.

AD: ATR-GIE Avions de Transport Régional Airplanes***
Published 10/16/2018 Docket #: FAA-2018-0366 Effective date 11/20/2018
We are adopting a new airworthiness directive (AD) for certain ATR-GIE Avions de Transport Régional Model ATR42-500 airplanes. This AD was prompted by a determination that more restrictive maintenance requirements and airworthiness limitations are necessary. This AD requires revising the maintenance or inspection program, as applicable, to incorporate new and/or more restrictive maintenance requirements and airworthiness limitations.

AD: Bombardier, Inc., Airplanes***
Published 10/16/2018 Docket #: FAA-2018-0397 Effective date 11/20/2018
We are adopting a new airworthiness directive (AD) for certain Bombardier, Inc., Model BD-700-1A10 and BD-700-1A11 airplanes. This AD was prompted by a report of cracking at the fastener holes of the left-hand-side support bracket of the elevator bell crank for the control linkage in the

vertical stabilizer. This AD requires an eddy current inspection on certain support brackets of the elevator bell crank for any cracking at the fastener holes, a measurement to confirm that the fastener hole diameters are within tolerance, and replacement with a new support bracket of the elevator bell crank if necessary.

Final Rule: Amendment of Class E Airspace for Lancaster, PA; and Williamsport, PA
Published 10/16/2018 Docket #: FAA-2016-9377 Effective date 11/08/2018
This action amends the legal description of Class E surface airspace at Lancaster Airport, Lancaster, PA, by removing the Lancaster VORTAC from the header, and rewording the description for clarity. Also, this action amends the legal description of Class E surface airspace at Williamsport Regional Airport, Williamsport, PA, by removing the Williamsport Regional Airport ILS localizer from the header, and rewording the description for clarity. Finally, this action amends the legal description of Class E airspace designated as an extension to Class D airspace at Williamsport Regional Airport by rewording the description for clarity. This action does not affect the boundaries or operating requirements of the airspace.

FAA Proposed Rules

NPRM AD: The Boeing Company Airplanes***
Published 10/16/2018 Docket #: FAA-2018-0900 Comments due 11/30/2018
The FAAs propoes to adopt a new airworthiness directive (AD) for certain The Boeing Company Model 737-100, -200, -200C, -300, -400, and -500 series airplanes. This proposed AD was prompted by reports of cracking in the frame web, frame integral inboard chord, and fail-safe chord on multiple airplanes in multiple locations below the passenger floor, in addition to an evaluation by the design approval holder (DAH) indicating that certain fuselage frame splices are subject to widespread fatigue damage (WFD). This proposed AD would require repetitive inspections of certain fuselage upper frames, side frames, fail-safe chords, inboard chords, frame webs, and stringers; an inspection for the presence of repairs in certain inspections zones and open tooling holes; and applicable on-condition actions.

NPRM AD: The Boeing Company Airplanes***
Published 10/16/2018 Docket #: FAA-2018-0901 Comments due 11/30/2018
The FAA proposes to adopt a new airworthiness directive (AD) for certain The Boeing Company Model 737-100, -200, -200C, -300, -400, and -500 series airplanes. This proposed AD was prompted by reports that frame web and frame integral inboard chord cracking is occurring on multiple airplanes in multiple locations below the passenger floor. This proposed AD would require repetitive detailed, general visual, and high frequency eddy current (HFEC) inspections of the section 43 lower lobe frames at certain stations; an inspection to determine if certain repairs are installed; and applicable on-condition actions.

FAA Guidance Documents and Notices

Notices

Notice: U.S. SPECIAL CALL SIGN DESIGNATOR "OTLDR" AND ASSOCIATED TELEPHONY "OUTLANDER"
Published 10/11/2018 Document #: JO 7340.486
Additions to FAA Order 7340.2, Contractions, Chapter 3, Section 4, U.S. Special designators and

telephonies have been approved.

October 17, 2018

FAA Final rules

AD: The Boeing Company Airplanes***

Published 10/17/2018 Docket #: FAA-2017-0127 Effective date 11/15/2018

The FAA is adopting a new airworthiness directive (AD) for all The Boeing Company Model 737 airplanes, excluding Model 737-100, -200, -200C, -300, -400, and -500 series airplanes; all Model 757-200, -200PF, -200CB, and -300 series airplanes; and all Model 767-200, -300, -300F, and -400ER series airplanes. This AD was prompted by reports of latently failed motor-operated valve (MOV) actuators of the fuel shutoff valves. This AD requires replacing certain MOV actuators of the fuel shutoff valves for the left and right engines (on certain airplanes) and of the auxiliary power unit (APU) fuel shutoff valve (on Model 757 and Model 767 airplanes); and revising the maintenance or inspection program to incorporate certain airworthiness limitations (AWLs).

FAA Guidance Documents and Notices

FAA Legal Interpretations

Legal Interpretation: Legal Interpretation of 14 C.P.R.§ .67.401-Airman's Obligation to Provide Medical Records Pursuant to§ 67.401 When the Underlying Special Issuance Medical Certificate is expired and the related Authorization for a Special Issuance Medical Certificate has not expired.

Issued 10/16/2018 Regulation/Order #: 14 C.P.R.§ .67.401

This legal interpretation responds to request for a legal interpretation and addresses whether an ainnan must comply with a request for medical information pursuant to 14 CFR § 67.401(f)(4) when an airman holds an unexpired Authorization for Special Issuance of a Medical Certificate (Authorization) but the underlying special issuance medical certificate has expired.[1]

Orders

Order: Destroyed and Scrapped Aircraft

Issued 10/15/2018 Document #: 8100.19

This order provides guidance to FAA personnel responsible for evaluating aircraft wreckage and classifying an aircraft as destroyed or scrapped. This order also provides guidance related to actions that are required to be taken when an aircraft is determined to be destroyed or scrapped. Such actions include the disposition of aircraft identification plates, aircraft de-registration, and compliance with aircraft recordkeeping requirements. It addresses the re-registration of aircraft that may have previously been classified as destroyed or scrapped and describes the procedures a person may use to dispute a determination that an aircraft has been destroyed or scrapped.

Notices

Notice: Petition for Exemption; Summary of Petition Received; The Boeing Company

Published 10/17/2018 Document #: 2018-22662 Comments due 10/22/2018

The Boeing Company requests regulatory relief to allow for the training of Indian Air Force (IAF) pilots, who do not hold U.S. Airmen certificates. Additionally, The Boeing Company is seeking to

train these pilots in rotorcraft external load operations with a helicopter that is not type-certificated.

Flight Standards Service Draft Advisory Circular

AC: Anticollision Light Maintenance Program
Updated 10/16/2018 Reference #: Title 14 Part 21-91 Comments due 11/16/2018
This AC provides guidance in developing an anticollision light maintenance program. This AC describes an acceptable means, but not the only means, to comply with Title 14 of the Code of Federal Regulations (14 CFR). However, if you use the means described in this AC to show compliance, you must follow it in all important respects.

October 18, 2018

FAA Final rules

AD: Bombardier, Inc., Airplanes***
Published 10/18/2018 Docket #: FAA-2018-0553 Effective date 11/23/2018
The FAA is adopting a new airworthiness directive (AD) for certain Bombardier, Inc., Model DHC-8-102, -103, and -106 airplanes, Model DHC-8-200 series airplanes, and Model DHC-8-300 series airplanes. This AD was prompted by reports of arcing and smoke emanating from the windshield, caused by loose or damaged windshield heater terminal lugs. This AD requires revising the maintenance or inspection program to incorporate maintenance review board (MRB) tasks for general visual inspections of the windshield moisture seal. This AD also requires re-torqueing the windshield heater terminal lugs, applying a coating to the windshield heater screw heads, doing a chemical cleaning of the wiring and components, doing a visual inspection of the wiring and components, doing an operational test of the pilot's and co-pilot's windshield heating system, and repair if necessary.

AD: Bombardier, Inc., Airplanes***
Published 10/18/2018 Docket #: FAA-2018-0161 Effective date 11/23/2018
The FAA is superseding Airworthiness Directive (AD) 2013-11-12, which applied to certain Bombardier, Inc., Model BD-100-1A10 airplanes. AD 2013-11-12 required inspecting for the correct serial number of a certain hydraulic system accumulator, and replacing affected hydraulic system accumulators with new or serviceable accumulators. This AD expands the applicability and requires modifying or replacing certain hydraulic brake system accumulators. This AD also requires revising the maintenance or inspection program to add life limits for the accumulators. This AD was prompted by a determination that certain other hydraulic system accumulators must be modified or replaced and life limits must be added.

AD: Bombardier, Inc., Airplanes***
Published 10/18/2018 Docket #: FAA-2018-0586 Effective date 11/23/2018
The FAA is adopting a new airworthiness directive (AD) for certain Bombardier, Inc., Model DHC-8-300 series airplanes. This AD was prompted by reports indicating that a certain emergency exit door could not be opened during maintenance. This AD requires a detailed inspection of the ball bearings of an emergency exit, replacement of bearings if necessary, application of corrosion inhibiting compound (CIC), and revision of the maintenance or inspection program, as applicable. We are issuing this AD to address the unsafe condition on these products.

October 19, 2018

FAA Final rules

Final Rule: Amendment of the Prohibition Against Certain Flights in Specified Areas of the Simferopol and Dnipropetrovsk Flight Information Regions (FIRs) (UKFV and UKDV)
Published 10/19/2018 Docket #: FAA-2014-0225 Effective date 10/19/2018
This action extends, with modifications to reflect changed conditions in specified areas of Ukraine, the Special Federal Aviation Regulation (SFAR) prohibiting certain flight operations in the Simferopol Flight Information Region (FIR) (UKFV) and Dnipropetrovsk Flight Information Region (FIR) (UKDV) by all: U.S. air carriers; U.S. commercial operators; persons exercising the privileges of an airman certificate issued by the FAA, except when such persons are operating U.S.-registered aircraft for a foreign air carrier; and operators of U.S.-registered civil aircraft, except where the operator of such aircraft is a foreign air carrier.

FAA Guidance Documents and Notices

FAA Draft Advisory Circulars

AC: Avionics Human Factors Considerations
Issued 10/12/2018 Document #: AC 20-HF Comment date 11/05/2015
This advisory circular (AC) identifies two reports that provide information in the form of "recommended practices" to facilitate the identification and resolution of human factors/pilot interface issues during the design and evaluation of avionics. The reports may also be applicable to the design and evaluation of unmanned aircraft control stations. This AC is not intended as guidance or policy for showing or finding compliance for airworthiness certification or operational approval.

AC: Guidance on Testing and Installation of Rechargeable Lithium Battery and Battery Systems on Aircraft
Issued 10/12/2018 Document #: AC 20-184A Comment date 11/17/2018
This advisory circular (AC) provides manufacturers and installers an acceptable means of compliance to meet the installation, operation, maintenance and airworthiness requirements including special conditions, safety objectives and safety criteria for the use of rechargeable lithium battery and battery systems on aircraft

AC: Guidance on Testing and Installation of Non-rechargeable Lithium cells, Batteries and Batteries within End Items on Aircraft
Issued 10/12/2018 Document #: AC 20-192 Comment date 11/17/2018
This advisory circular (AC) provides manufacturers and installers an acceptable means of compliance to meet the installation, operation, maintenance and airworthiness requirements including special conditions, safety objectives and safety criteria for the use of non-rechargeable lithium batteries on aircraft.

AC: Airworthiness Approval of Airborne Systems used for Takeoff, Precision Approach, Landing, and Rollout in low-visibility conditions.

Issued 10/12/2018 Document #: AC 20-191 Comment date 12/03/2018
This advisory circular (AC) provides airworthiness criteria for low visibility takeoff, final approach, landing, and rollout in Category II and Category III weather minima. While the airworthiness criteria for low visibility takeoff is generic in nature, the criteria for the precision approach, landing, and rollout are tailored to using Instrument Landing System (ILS), and Ground Based Augmentation System (GBAS). This AC does not address Microwave Landing System (MLS).

FAA Final Policies

Final Policy: Deviation to the DER and ODA Engineering Unit Member Qualification Requirements of FAA Order 8100.8D based on completion of an MS degree in Airworthiness Engineering
Issued 10/18/2018 Policy #: AIR-600-18-6F0-DM03
This deviation reduces the practical work experience component required for a Designated Engineering Representative (DER) applicant with an engineering degree, from 4 years to 3 years, upon completion of a Master of Science degree in Airworthiness Engineering. This provision may also be used by Organization Designation Authorization (ODA) holders when appointing ODA engineering unit members

Notices

Notice: Petition for Exemption; Summary of Petition Received; Anthony Ison, Esq.
Published 10/19/2018 Document #: 2018-22756 Comments due 11/08/2018
Petitioner seeks exemption from §§ 61.159(a) and 61.160(f) for the purpose of obtaining an Airline Transport Pilot (ATP) Certificate with an Airplane Category Rating. More specifically, petitioner seeks to utilize time logged as Pilot-in-Command (PIC) of complex, remotely piloted aircraft (RPA) to satisfy the aeronautical experience prerequisites and requirements, which are set out in the Federal Aviation Regulations (FAR) for obtaining an ATP certificate. As such, this petition will show that petitioner's aeronautical experience and knowledge are equivalent to those requirements set out in the FARs from which the exemption is sought. Furthermore, this petition will show that the RPA, which petitioner has operated as PIC, requires the same aeronautical decision-making, concerns for spatial-orientation, and aeronautical operational understanding, as is required in manned aircraft.

Notice: Policy Updates for Issuing a Certificate of Waiver or Authorization for an Aviation Event
Published 10/17/2018 Document #: 8900.488
This document's content is not currently available.

Notice: ICAO THREE LETTER DESIGNATOR (3LD) "MYT" AND ASSOCIATED TELEPHONY "MYTHIC"
Published 10/17/2018 Document #: JO 7340.487
Additions to JO 7340.2, Contractioins, Chapter 3, Sections 1, 2, and 3 have been approved for MYT (MYTHIC).

Notice: ICAO THREE LETTER DESIGNATOR (3LD) "MTD" AND ASSOCIATED TELEPHONY "MATADOR"
Published 10/17/2018 Document #: JO 7340.488
Additions to JO 7340.2, Contractions, Chapter 3, Sections 1, 2, and 3 have been approved for MTD (MATADOR).

Draft Technical Standards Orders

TSO: Electronic Map Display Equipment for Graphical Depiction of Aircraft Position (Own-Ship)
Updated 10/12/2018 Comments due 10/22/2018
This technical standard order (TSO) is for manufacturers applying for a TSO authorization (TSOA) or letter of design approval (LODA). In it, we (the Federal Aviation Administration, (FAA)) tell you what minimum performance standards (MPS) your Electronic Map Display (EMD) for graphical depiction of aircraft position (own-ship) must first meet for approval and identification with the applicable TSO marking.

TSO: INTEGRATED MODULAR AVIONICS (IMA) PLATFORM AND MODULES
Updated 10/12/2018 Comments due 11/14/2018
This technical standard order (TSO) is for manufacturers applying for a TSO authorization (TSOA) or letter of design approval (LODA). In it, we (the Federal Aviation Administration, (FAA)) tell you what minimum performance standards (MPS) your integrated modular avionics (IMA) platform and/or module must first meet for approval and identification with the applicable TSO marking.

Flight Standards Service Draft Advisory Circular

AC: Communication and Coordination Between Flightcrew Members and Flight Attendants
Updated 10/16/2018 Reference #: Title 14 Part 1-125 Comments due 10/22/2018
Communication and Coordination Between Flight Crewmembers and Flight Attendants, on July 13, 1988 to provide information and guidance on common problems associated with crew coordination and communication between the flight deck and flight attendants. The AC was based on the report, "Cockpit and Cabin Crew Coordination," which is made available through the John A. Volpe National Transportation Systems Center, Springfield, Virginia, 22161, or online at https://rosap.ntl.bts.gov/view/dot/9786.

AC: Standardized Curricula Delivered by Part 142 Training Centers
Updated 10/16/2018 Reference #: Title 14 Part 1-142 Comments due 11/13/2018
This Advisory Circular (AC) identifies how a certificate holder operating under Title 14 of the Code of Federal Regulations (14 CFR) part 135 may use a part 142 training center for training. It provides information and guidance to certificate holders to enable compliance with part 135 §135.324 (Training program: Special rules). It provides guidance for the development of approved curriculums, segments, and portions of curriculum segments applicable for use in training required by part 135.

AC: Anticollision Light Maintenance Program
Updated 10/16/2018 Reference #: Title 14 Part 21-91 Comments due 11/16/2018
This AC provides guidance in developing an anticollision light maintenance program. This AC describes an acceptable means, but not the only means, to comply with Title 14 of the Code of Federal Regulations (14 CFR). However, if you use the means described in this AC to show compliance, you must follow it in all important respects. 1

Draft Flight Standardization Board/Operational Suitability Report

FSB: BD-100-1A10 (Challenger 300 and Challenger 350)
Updated 10/10/2018 Revision 4 Draft X Comments due 10/19/2018

FSB: Bombardier BD-500
Updated 10/10/2018 Revision 1 Draft X Comments due 10/29/2018

FSB: Embraer ERJ 170
Updated 10/10/2018 Revision 6 Draft X Comments due 11/05/2018

FSB: Boeing 767
Updated 10/10/2018 Revision 10 Draft X Comments due 11/05/2018

FSB: Boeing 757
Updated 10/10/2018 Revision 10 Draft X Comments due 11/05/2018

FSB: Embraer ERJ 190
Updated 10/10/2018 Revision 6 Draft X Comments due 11/05/2018

Draft Master Minimum Equipment List

MMEL: Airbus Helicopters Deutschland GmbH MBB-BK 117 C-2 (TCDS H13EU)
Updated 10/04/2018 Revision 3 Draft X Comments due 10/22/2018

MMEL: BAE Systems BAe 146/Avro 146-RJ
Updated 10/04/2018 Revision 23 Draft X Comments due 11/05/2018

October 22, 2018

FAA Final rules

AD: Bell Helicopter Textron Canada Limited Helicopters***
Published 10/22/2018 Docket #: FAA-2018-0834 Effective date 11/06/2018
The FAA is publishing a new airworthiness directive (AD) for Bell Helicopter Textron Canada Limited (Bell) Model 429 helicopters. This AD was sent previously to all known U.S. owners and operators of these helicopters as Emergency AD 2018-16-51, dated July 26, 2018, which superseded Emergency AD 2018-15-51, dated July 20, 2018. This AD requires inspecting the tail rotor (T/R) gearbox installation, inspecting the T/R gearbox retaining hardware and support attachment point areas, and replacing each nut. This AD is prompted by two reports of T/R gearbox assemblies loosely attached to the gearbox support. The actions of this AD are intended to address an unsafe condition on these products.

Final Rule: Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments
Published 10/22/2018 Docket #: 31215 Effective date 10/22/2018
This rule establishes, amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures (ODPs) for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide safe and efficient use of the navigable

airspace and to promote safe flight operations under instrument flight rules at the affected airports.

Final Rule: Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments
Published 10/22/2018 Docket #: 31216 Effective date 10/22/2018
This rule amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide for the safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

FAA Proposed Rules

NPRM: Airline Transport Pilot and Type Rating for Airplane Airman Certification Standards
Published 10/22/2018 Docket #: FAA-2018-0811 Comments due 12/21/2018
This document announces the availability of the Airline Transport Pilot (ATP) and Type Rating for Airplane Airman Certification Standards (FAA-S-ACS-11) for public comment.

FAA Special Conditions

SC: The Boeing Company (Boeing), Model 777 Series Airplanes; Dynamic Test Requirements for Single Occupant Oblique Seats, With or Without Airbag Devices or 3-Point Restraints
Published 10/22/2018 Docket #: FAA-2016-4136 Effective date 10/22/2018
These amended special conditions are issued for the Boeing Model 777 series airplanes. These special conditions are for oblique (side-facing) seats, installed in Boeing Model 777 series airplanes, at an angle of 18 to 45 degrees to the airplane centerline and which may include a 3-point or airbag restraint system, or both, for occupant restraint and injury protection. This amendment adds a note and one special condition to the Special Conditions section.

SC: Bombardier, Inc., BD-700-2A12 and BD-700-2A13 Airplanes; Multiple-Place Side-Facing Seats With Active Leg-Flail Restraint Device and Shoulder-Belt Airbags
Published 10/22/2018 Docket #: FAA-2018-0714 Comments due 10/22/2018
These special conditions are issued for the Bombardier, Inc., (Bombardier) BD-700-2A12 and BD-700-2A13 airplanes, marketed respectively as Global 7000 and Global 8000. These airplanes, as modified by Bombardier, will have novel or unusual design features when compared to the state of technology envisioned in the airworthiness standards for transport-category airplanes. These design features are multiple-place side-facing seats with active leg-flail restraint devices and shoulder-belt airbags. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature. These special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that established by the existing airworthiness standards.

FAA Guidance Documents and Notices

FAA Draft Advisory Circulars

AC: Airworthiness Approval of Synthetic Vision System, Synthetic Vision Guidance System and Aircraft State Awareness Synthetic Vision System
Issued 10/19/2018 Document #: AC 20-185A Comment date 11/19/2018
This advisory circular (AC) provides guidance for gaining airworthiness approval for synthetic vision technology in aircraft. Specifically, when followed in its entirety, it provides one acceptable means for complying with Title 14 of the Code of Federal Regulations (14 CFR) part 23, 25, 27, or 29 airworthiness regulations when installing a synthetic vision system (SVS), synthetic vision guidance system (SVGS), and aircraft state awareness synthetic vision system (ASA-SVS) in airplanes or rotorcraft.

Notices

Notice: Petition for Exemption; Summary of Petition Received; Bombardier Inc.; Correction
Published 10/22/2018 Document #: 2018-22927
In Summary Notice No. PE-2018-76, published in the Federal Register on October 5, 2018 (83 FR 50435), in FR Doc. 2018-21656, on page 50435, in the second column, correct the "Subject Heading" as follows: Petition for Exemption; Summary of Petition Received; Bombardier Inc.

Notice: Petition for Exemption; Summary of Petition Received; Sprayt Robotics
Published 10/22/2018 Document #: 2018-23010 Comments due 11/13/2018
The petitioner is requesting relief to operate the AG1 tandem-ducted fan vertical take-off and landing unmanned aircraft system (UAS), with maximum take-off weight of 350 pounds. The proposed operation is for: aerial application development flight testing in the agricultural environment; flight crew training; and demonstration of the system with the intent to secure sales. The petitioner proposes that a pilot in command conducting operations under this exemption, if granted, hold a valid and current Remote Pilot Certificate, and may operate the UAS for compensation or hire, or in furtherance of a business. The petitioner is also requesting relief to operate outside of the United States for demonstration and training purposes.

Notice: Petition for Exemption; Summary of Petition Received; Latitude Engineering, LLC
Published 10/22/2018 Document #: 2018-23012 Comments due 11/13/2018
The proposed exemption, if granted, would allow the petitioner to operate the HQ-60 and HQ-90 unmanned aircraft systems, which weigh more than 55 pounds, commercially for the purpose of training and collection of aerial data. The exemption would enable the petitioner to work at and with airports in Arizona, Virginia, and Alaska.

Notice: Correction to Notice of Availability (NOA) for Consensus Standards, Light-Sport Aircraft, Notice No. NOA-18-01
Published 10/22/2018 Document #: 2018-23009
This action for NOA-18-01 corrects the designation for one of the consensus standards. NOA-18-01 announced the availability and requests comments on two new and two revised consensus standards relating to the provisions of the Sport Pilot and Light-Sport Aircraft rule.

Draft Flight Standardization Board/Operational Suitability Report

OSR: Universal Avionics Systems Corporation InSight EFI 1040P Avionics package STC ST02654LA, Advanced Performance Database, E-Charts For the Textron Model 650 CE-650

Updated 10/22/2018 Revision 0 Draft X Comments due 11/19/2018

October 23, 2018

FAA Final rules

AD: Bell Helicopter Textron Canada Limited Helicopters***

Published 10/23/2018 Docket #: FAA-2018-0254 Effective date 11/27/2018

The FAA is superseding Airworthiness Directive (AD) 2017-13-03 for Bell Helicopter Textron Canada Limited (Bell) Model 429 helicopters. AD 2017-13-03 required adding an identification number to life-limited rod ends that do not have a serial number (S/N). Since we issued AD 2017-13-03, an additional life-limited rod end was identified that is affected by the same unsafe condition. This new AD retains the requirements of AD 2017-13-03 and revises the Applicability paragraph by adding that rod end.

AD: Honda Aircraft Company LLC***

Published 10/23/2018 Docket #: FAA-2018-0513 Effective date 11/27/2018

We are superseding Airworthiness Directive (AD) 2018-11-05 for certain Honda Aircraft Company LLC (Honda) Model HA-420 airplanes. AD 2018-11-05 required incorporating a temporary revision into the airplane flight manual (AFM) and replacing the faulty power brake valve (PBV) upon condition. We issued AD 2018-11-05 as a short-term action to address the immediate need to detect and replace a faulty PBV. This AD retains the actions required in AD 2018-11-05 and requires replacing the faulty PBV with the improved part.

FAA Proposed Rules

NPRM AD: Pacific Aerospace Limited Airplanes***

Published 10/23/2018 Docket #: FAA-2018-0842 Comments due 12/07/2018

The FAA proposes to supersede Airworthiness Directive (AD) AD 2018-04-09 for Pacific Aerospace Limited Model 750XL airplanes. This proposed AD results from mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as incorrectly marked and annunciated low oil-pressure indication warnings.

NPRM AD: The Boeing Company Airplanes***

Published 10/23/2018 Docket #: FAA-2018-0902 Comments due 12/07/2018

The FAA proposes to adopt a new airworthiness directive (AD) for all The Boeing Company Model 787 series airplanes. This proposed AD was prompted by a report of an uncommanded descent and turn that occurred after an inflight switch to the spare flight management function (FMF). This proposed AD would require an inspection of the flight management system (FMS) to determine if certain operational program software (OPS) is installed and installation of new FMS OPS and a software check if necessary. For certain airplanes, this proposed AD would also require concurrent actions.

NPRM AD: Pacific Aerospace Limited Airplanes***

Published 10/23/2018 Docket #: FAA-2018-0895 Comments due 12/07/2018

The FAA proposes to adopt a new airworthiness directive (AD) for Pacific Aerospace Limited Model

750XL airplanes. This proposed AD results from mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as non-compliant insulation lagging on the refrigerant hoses of the air-conditioning system.

FAA Guidance Documents and Notices

FAA Draft Advisory Circulars

AC: Airworthiness Approval for Aircraft Weather Radar Systems
Issued 10/22/2018 Document #: AC 20-182B Comment date 11/26/2018
This advisory circular (AC) provides guidance for the initial and follow-on airworthiness approval of aircraft weather radar systems meeting the latest revision of the Technical Standard Order (TSO)-C63, Airborne Weather Radar Equipment. This AC covers aircraft radar systems with weather detection and ground mapping, forward-looking windshear detection, forward-looking turbulence detection, and atmospheric threat awareness capability.

FAA Final Policies

Final Policy: System Level Verification of Electronic Equipment (Software and Airborne Electronic Hardware) for 14 CFR Part 23 Airplanes
Issued 10/22/2018 Policy #: PS-AIR-23-09
This policy statement provides guidance for using system level verification in lieu of design development for software and Airborne Electronic Hardware (AEH) for part 23 design and installation approval of equipment in showing compliance to the function/perform as intended aspects of 14 CFR 23.1301 and 23.1309[1] (§§ 23.2500, 23.2505, and 23.2510)[2] . This policy provides a process by which the intended function and compliance with safety objectives of systems containing software and AEH may be verified by a combination of system-level reviews, analysis, and testing.

Flight Standards Service Information for Operators (InFO)

InFO: Continued Eligibility for Rotorcraft Operations without an Installed Radio Altimeter Operation Specification (OpSpec) A160.
Issued 10/02/2018 InFO #: 18010
This InFO provides information to Title 14 of the Code of Federal Regulations (14 CFR) Part 135 certificate holders conducting rotorcraft operations with a conditional OpSpec A160 letter of deviation authority (LODA) for operations without an installed radio altimeter, and on Federal Aviation Administration (FAA) policy on OpSpec A160 termination.

Flight Standards Information Management System (FSIMS)

FSIMS: Evaluate a 14 CFR Part 121/135 (10 or More) Maintenance Training Program/Record/Revision
Issued 09/28/2018
Purpose: To evaluate an applicant/operator's maintenance/inspection training program/record/revision for regulatory compliance

FSIMS: BD-500-1A10/BD-500-1A11
Issued 09/28/2018
Revision 1 of the Bombardier (BD-500-1A10, BD-500-1A11) Master Minimum Equipment List.

Orders

Order: Maintenance of System Wide Information Management (SWIM) Terminal Data Distribution System (STDDS)
Issued 10/17/2018 Document #: JO 6550.10C
This document's content can only be accessed from within the FAA network.

Draft Technical Standards Orders

TSO: Airborne Weather Radar Equipment
Updated 10/22/2018 Comments due 11/27/2018
This technical standard order (TSO) is for manufacturers applying for a TSO authorization (TSOA) or letter of design approval (LODA). In it, we (the Federal Aviation Administration, (FAA)) tell you what minimum performance standards (MPS) your airborne weather radar equipment must meet for approval and identification with the applicable TSO marking.

October 24, 2018

FAA Final rules

AD: Viking Air Limited Airplanes***
Published 10/24/2018 Docket #: FAA-2018-0189 Effective date 11/28/2018
The FAA is adopting a new airworthiness directive (AD) for Viking Air Limited Model DHC-3 airplanes. This AD results from mandatory continuing airworthiness information (MCAI) issued by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as pitting corrosion on the shank of the wing strut attach bolts.

AD: The Boeing Company Airplanes***
Published 10/24/2018 Docket #: FAA-2018-0078 Effective date 11/28/2018
The FAA is superseding Airworthiness Directive (AD) 2017-01-02, which applied to certain The Boeing Company Model 787-8 and 787-9 airplanes. AD 2017-01-02 required an inspection for discrepant inboard and outboard trailing edge flap rotary actuators, and replacing the rotary actuator or doing related investigative and corrective actions if necessary. This AD continues to retain those actions. This AD also adds airplanes to the applicability and reduces the number of affected actuators. This AD was prompted by a report indicating that some inboard and outboard trailing edge flap rotary actuators may have been assembled with an incorrect no-back brake rotor-stator stack sequence during manufacturing.

AD: Glasgflugel Gliders***
Published 10/24/2018 Docket #: FAA-2018-0891 Effective date 11/13/2018
The FAA is adopting a new airworthiness directive (AD) for Glasflugel Models Club Libelle 205, H 301 “Libelle,” H 301B “Libelle,” Kestrel, Mosquito, Standard “Libelle,” and Standard Libelle-201B gliders. This AD results from mandatory continuing airworthiness information (MCAI) issued by the

aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as jamming between the double two-ring end of the towing cable and the deflector angles of the center of gravity (C.G.) release mechanism.

AD: Bombardier, Inc., Airplanes***
Published 10/24/2018 Docket #: FAA-2018-0160 Effective date 11/28/2018
The FAA is superseding Airworthiness Directive (AD) 2016-24-03, which applied to certain Bombardier, Inc., Model DHC-8-400 series airplanes. AD 2016-24-03 required repetitive detailed inspections of barrel nuts and cradles, a check of the bolt torque of the preload indicating (PLI) washers, and corrective actions if necessary. This AD retains the requirements of AD 2016-24-03 and requires modifying the airplane by installing a sealing disk to a certain location and replacing certain barrel nuts. This AD was prompted by reports of cracked and corroded barrel nuts found at the mid-spar location of the horizontal-stabilizer-to-vertical-stabilizer attachment joint, and the issuance of new service information that includes a terminal modification. We are issuing this AD to address the unsafe condition on these products.

FAA Proposed Rules

NPRM: Removal of the Date Restriction for Flight Training in Experimental Light Sport Aircraft
Published 10/24/2018 Docket #: FAA-2018-0926 Comments due 11/23/2018
The Federal Aviation Administration is proposing to revise its rules concerning the operation of experimental light sport aircraft. The current regulations prohibited the use of these aircraft for flight training for compensation or hire after January 31, 2010. Allowing the use of experimental light sport aircraft for compensation or hire for the purpose of flight training would increase safety by allowing greater access to aircraft that can be used for light sport aircraft and ultralight training. The proposed rule would add language that permits training in experimental light sport aircraft for compensation or hire for the purpose of flight training through existing deviation authority.

FAA Guidance Documents and Notices

Flight Standards Information Management System (FSIMS)

FSIMS: EP 1.2.2 121A OP Manual Management
Issued 09/28/2018
Purpose (Certificate Holder Responsibility):To provide manuals required by operations personnel to perform their duties.

FSIMS: EP 1.4.3 145F AW Manuals
Issued 09/28/2018
Purpose (Certificate Holder Responsibility):To provide manuals required by personnel to perform their duties.

FSIMS: EP 1.4.3 145G AW Manuals
Issued 09/28/2018
Purpose (Certificate Holder Responsibility):To provide manuals required by personnel to perform their duties.

FSIMS: EP 1.4.3 145H AW Manuals

Issued 09/28/2018
Purpose (Certificate Holder Responsibility): To provide manuals required by personnel to perform their duties.

FSIMS: EP 1.3.2 121A AW Manual Management
Issued 09/28/2018
Purpose (Certificate Holder Responsibility): To provide manuals required by technical personnel to perform their duties.

FSIMS: SP 2.1 135B OP Training & Qualification
Issued 09/28/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Training & Qualification processes within its operation.

FSIMS: SP 1.0 145F AW Organizational Management
Issued 09/28/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Organizational Management processes within its operation.

FSIMS: SP 1.0 145G AW Organizational Management
Issued 09/28/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Organizational Management processes within its operation.

FSIMS: SP 1.3 121A AW Airworthiness Management
Issued 09/28/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Airworthiness Management processes within its operation.

FSIMS: SP 1.0 145H AW Organizational Management
Issued 09/28/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Organizational Management processes within its operation.

FSIMS: SP 2.1 135E OP Training & Qualification
Issued 09/28/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Training & Qualification processes within its operation.

Notices

Notice: Petition for Exemption; Summary of Petition Received; L3 Unmanned Systems, Inc.
Published 10/24/2018 Document #: 2018-23262 Comments due 11/13/2018
The petitioner is requesting relief to operate the Latitude HQ-60 and HQ-90 hybrid quadcopter unmanned aircraft systems, both above 55 pounds, under 14 CFR part 107, for the purpose of training and gathering aerial data for development and commercial interests. The petitioner also requests relief from the applicablility of operations and the definition of “small unmanned aircraft” in part 107.

Notice: Agency Information Collection Activities: Requests for Comments; Clearance of a Renewed Approval of Information Collection: QSA Customer Feedback Report
Published 10/24/2018 Document #: 2018-23218 Comments due 11/23/2018
In accordance with the Paperwork Reduction Act of 1995, FAA invites public comments about our intention to request the Office of Management and Budget (OMB) approval to renew an information collection. The Federal Register Notice with a 60-day comment period soliciting comments on the following collection of information was published on August 15, 2018. The collection involves the voluntary submission of responses to survey questions. The information is collected from holders of FAA production approvals and selected suppliers and provides them an opportunity to offer their input on how well the agency is performing the administration and conduct of the Aircraft Certification Systems Quality System Audit (QSA). The information to be collected will be used to promote continuous improvement initiatives and industry dialog in the FAA oversight process.

Notice: ADD U.S. SPECIAL CALL SIGN "HONW/HONEYWELL" AND DELETE U.S. SPECIAL CALL SIGN "BNDIX/BENDIX"
Published 10/18/2018 Document #: JO 7340.489
Additions and deletions to FAA Order 7340.2, Contractions, Chapter 3, Section 4, U.S. Special Designators and Telephonies have been approved.

Notice: Method for Calculating Monitor Alert Parameters
Published 10/23/2018 Document #: JO 7210.913 Effective date 11/26/2018
This notice provides interim guidance in advance of a change to FAA Order JO 7210.3AA, paragraph 17-8-2, Implementation Procedures, to be effective February 28, 2019.

October 25, 2018

FAA Final rules

AD: Austro Engine GmbH Engines***
Published 10/25/2018 Docket #: FAA-2017-1138 Effective date 11/29/2018
The FAA is adopting a new airworthiness directive (AD) for certain Austro Engine GmbH model E4 engines and for all model E4P engines. This AD was prompted by reports of considerable wear on the timing chain on these engines. This AD requires replacement of the timing chain and amending certain airplane flight manuals to limit the use of windmill restarts.

Final Rule: Amendment of Class E Airspace, Gustavus, AK
Published 10/25/2018 Docket #: FAA-2018-0127 Effective date 02/28/2019
This action amends Class E airspace extending upward from 700 feet above the surface at Gustavus Airport, Gustavus, AK. Airspace redesign is necessary as the FAA transitions from ground-based to satellite-based navigation for the safety and management of instrument flight rules (IFR) operations at this airport.

Final Rule: Establishment of Class E Airspace; Hoonah, AK
Published 10/25/2018 Docket #: FAA-2018-0126 Effective date 03/28/2019
This action establishes Class E airspace extending upward from 700 feet above the surface, at Hoonah Airport, Hoonah, AK, to accommodate area navigation (RNAV) procedures at the airport for

the safety and management of instrument flight rules (IFR) operations within the National Airspace System.

Final Rule: Amendment of Class D and Class E Airspace; Aurora, OR
Published 10/25/2018 Docket #: FAA-2017-1034 Effective date 01/03/2019
This action modifies the Class D airspace, Class E surface area airspace, and Class E airspace extending upward from 700 feet above the surface, at Aurora State Airport, Aurora, OR. Additionally, an editorial change removes the city associated with the airport name in the airspace designations, and replaces the outdated term Airport/Facility Directory with Chart Supplement in Class D airspace. These changes are necessary to accommodate airspace redesign for the safety and management of instrument flight rules (IFR) operations within the National Airspace System.

FAA Guidance Documents and Notices

Flight Standards Information Management System (FSIMS)

FSIMS: SP 4.0 145H AW Technical Operations
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Technical Operations processes within its operation.

FSIMS: SP 4.0 135D AW Technical Operations
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Technical Operations processes within its operation.

FSIMS: SP 4.0 145F AW Technical Operations
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Technical Operations processes within its operation.

FSIMS: SP 4.0 135C AW Technical Operations
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Technical Operations processes within its operation.

FSIMS: SP 4.1 135B AW Training & Qualification
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Training & Qualification processes within its operation.

FSIMS: SP 4.1 135E AW Training & Qualification
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Training & Qualification processes within its operation.

FSIMS: SP 4.4 121A AW Technical Administration
Issued 09/29/2018

Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Technical Administration processes within its operation.

FSIMS: SP 4.6 121A AW Maintenance Special Requirements
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Maintenance Special Requirements processes within its operation.

FSIMS: SP 4.2 135B AW Maintenance Planning and Monitoring
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Maintenance Planning and Monitoring processes within its operation.

FSIMS: SP 4.6 135E AW Maintenance Special Requirements
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Maintenance Special Requirements processes within its operation.

FSIMS: SP 4.4 135B AW Technical Administration
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Technical Administration processes within its operation.

FSIMS: SP 4.6 135B AW Maintenance Special Requirements
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Maintenance Special Requirements processes within its operation.

FSIMS: SP 4.4 135E AW Technical Administration
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Technical Administration processes within its operation.

FSIMS: SP 4.2 135E AW Maintenance Planning and Monitoring
Issued 09/29/2018
Purpose (Certificate Holder Responsibility): The CH is responsible to manage the safety of the Maintenance Planning and Monitoring processes within its operation.

FSIMS: CFT Part 121 W&B Program - Cargo (AW) DCT
Issued 10/17/2018
Purpose (Certificate Holder
Responsibility): To operate the aircraft within the weight and balance limitations of the Aircraft Flight Manual (AFM) and safely handle the carriage of
cargo.

FSIMS: Flight Operations Evaluation Board Meeting for A300 Master Minimum Equipment List for October 25
Issued 10/23/2018

The Flight Operations Evaluation Board (FOEB) Chairman for the A300/310 Master Minimum Equipment List (MMEL) has called an electronic FOEB Meeting. The teleconference is scheduled for 2:00 PM CST on Thursday October 25, 2018. We will be reviewing Airbus A300/310 MMEL Rev 21 as requested by FOEB Chair.

October 26, 2018

FAA Final rules

AD: General Electric Company Turbofan Engines***
Published 10/26/2018 Docket #: FAA-2018-0898 Effective date 11/13/2018
The FAA is adopting a new airworthiness directive (AD) for all General Electric Company (GE) GE90-110B1, GE90-113B, and GE90-115B turbofan engines with a certain case combustor assembly (combustion case) installed. This AD requires removal of affected combustion cases from service and their replacement with a part eligible for installation. This AD was prompted by the discovery of a quality escape at a manufacturing facility involving unapproved welds on combustion cases.

AD: General Electric Company Turbofan Engines***
Published 10/26/2018 Docket #: FAA-2018-0406 Effective date 11/30/2018
The FAA is superseding Airworthiness Directive (AD) 2017-07-04 for General Electric Company (GE) GE90-110B1 and GE90-115B turbofan engines with certain high-pressure compressor (HPC) rotor stage 2-5 spools installed. AD 2017-07-04 required removing certain HPC rotor stage 2-5 spools from service at times determined by a drawdown plan. This AD requires removing certain HPC rotor stage 2-5 spools from service before reaching the new reduced life limit and replacing them with parts eligible for installation. This AD was prompted by the publication of a GE service bulletin (SB) that increases the number of affected HPC rotor stage 2-5 spools and includes HPC rotor stage 2-5 spools that were inadvertently omitted from the applicability of AD 2017-07-04.

Final Rule: Amendment of Class E Airspace, Augusta, GA, and Establishment of Class E Airspace, Waynesboro, GA
Published 10/26/2018 Docket #: FAA-2018-0369 Effective date 01/03/2019
This action amends Class E airspace extending upward from 700 feet above the surface in Augusta, GA, by recognizing the name change of Augusta Regional Airport at Bush Field (formerly Augusta Regional at Bush Field Airport); removing Burke County Airport and Millen Airport from the airspace designation and establishing these two airports under Waynesboro, GA, designation; and updating the geographic coordinates of Daniel Field, Augusta, GA, and Millen Airport, Waynesboro, GA. This action accommodates airspace reconfiguration due to the decommissioning of the Millen non-directional radio beacon (NDB) and cancellation of the NDB approach at Millen Airport. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at these airports.

Final Rule: Establishment of Class E Airspace; Crystal Springs, MS
Published 10/26/2018 Docket #: FAA-2016-9442 Effective date 01/03/2019
This action establishes Class E airspace extending upward from 700 feet above the surface at Copiah County Airport, Crystal Springs, MS, to accommodate new area navigation (RNAV) global positioning system (GPS) standard instrument approach procedures serving the airport. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

Final Rule: Amendment of Class D Airspace; Tulsa, OK
Published 10/26/2018 Docket #: FAA-2018-0094 Effective date 01/03/2019
This action amends Class D airspace designated as an extension at Tulsa Lloyd Jones Jr. Airport, Tulsa, OK. This action is a result of an airspace review caused by the decommissioning of the Glenpool VHF omnidirectional range (VOR) navigation aid as part of the VOR Minimum Operational Newtork (MON) Program and the cancellation of the associated instrument procedures. The geographic coordinates of the airport are also updated; to coincide with the FAA's aeronautical database, as well as an editorial change removing the city associated with the airport name in the airspace legal description. Also, the outdated term "Airport/Facility Directory" is replaced with "Chart Supplement".

Final Rule: Amendment of Class E Airspace; Cambridge, MD
Published 10/26/2018 Docket #: FAA-2018-0468 Effective date 01/03/2019
This action amends Class E airspace extending upward from 700 feet or more above the surface at Cambridge-Dorchester Regional Airport, Cambridge, MD, to accommodate airspace reconfiguration due to the decommissioning of the Cambridge non-directional radio beacon and cancellation of the NDB approach. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at this airport. This action also corrects the region identifier in the description header, and updates the airport name and geographic coordinates.

Final Rule: Prohibition Against Certain Flights in the Baghdad Flight Information Region (FIR) (ORBB)
Published 10/26/2018 Docket #: FAA-2018-0927 Effective date 10/26/2018
This action reissues, with modifications to reflect changed conditions in Iraq, the Special Federal Aviation Regulation (SFAR) that prohibits certain flights in the Baghdad Flight Information Region (FIR) (ORBB) by all: U.S. air carriers; U.S. commercial operators; persons exercising the privileges of an airman certificate issued by the FAA, except when such persons are operating U.S.-registered aircraft for a foreign air carrier; and operators of U.S.-registered civil aircraft, except where the operator of such aircraft is a foreign air carrier.

FAA Proposed Special Conditions

SC: Innovative Solutions & Support, Inc.; Textron Aviation, Inc. Model B200-Series Airplanes; Autothrust Functions
Published 10/26/2018 Docket #: FAA-2018-0918 Comments due 12/10/2018
This action proposes special conditions for Textron Aviation, Inc. B200-series airplanes. These airplanes as modified by Innovative Solutions & Support, Inc., will have a novel or unusual design feature associated with an autothrust system. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature. These proposed special conditions contain the additional safety standards the Administrator considers necessary to establish a level of safety equivalent to that established by the existing airworthiness standards.

FAA Guidance Documents and Notices

FAA Draft Advisory Circulars

AC: Avionics Human Factors Considerations for Design and Evaluation

Issued 10/22/2018 Document #: AC 20-HF Comment date 11/05/2018
This advisory circular (AC) identifies two reports that provide information in the form of "recommended practices" to facilitate the identification and resolution of human factors/pilot interface issues during the design and evaluation of avionics. The reports may also be applicable to the design and evaluation of unmanned aircraft control stations. This AC is not intended as guidance or policy for showing or finding compliance for airworthiness certification or operational approval.

AC: Guidance on Testing and Installation of Rechargeable Lithium Battery and Battery Systems on Aircraft
Issued 10/22/2018 Document #: AC 20-184A Comment date 11/17/2018
This advisory circular (AC) provides manufacturers and installers an acceptable means of compliance to meet the installation, operation, maintenance and airworthiness requirements including special conditions, safety objectives and safety criteria for the use of rechargeable lithium battery and battery systems on aircraft.

AC: Guidance on Testing and Installation of Non-rechargeable Lithium cells, Batteries and Batteries within End Items on Aircraft
Issued 10/22/2018 Document #: AC 20-192 Comment date 11/17/2018
This advisory circular (AC) provides manufacturers and installers an acceptable means of compliance to meet the installation, operation, maintenance and airworthiness requirements including special conditions, safety objectives and safety criteria for the use of non-rechargeable lithium batteries on aircraft.

AC: Airworthiness Approval of Synthetic Vision System, Synthetic Vision Guidance System and Aircraft State Awareness Synthetic Vision System
Issued 10/22/2018 Document #: AC 20-185A Comment date 11/19/2018
This advisory circular (AC) provides guidance for gaining airworthiness approval for synthetic vision technology in aircraft. Specifically, when followed in its entirety, it provides one acceptable means for complying with Title 14 of the Code of Federal Regulations (14 CFR) part 23, 25, 27, or 29 airworthiness regulations when installing a synthetic vision system (SVS), synthetic vision guidance system (SVGS), and aircraft state awareness synthetic vision system (ASA-SVS) in airplanes or rotorcraft

AC: Airworthiness Approval for Aircraft Weather Radar Systems
Issued 10/22/2018 Document #: AC 20-182B Comment date 11/26/2018
This advisory circular (AC) provides guidance for the initial and follow-on airworthiness approval of aircraft weather radar systems meeting the latest revision of the Technical Standard Order (TSO)-C63, Airborne Weather Radar Equipment. This AC covers aircraft radar systems with weather detection and ground mapping, forward-looking windshear detection, forward-looking turbulence detection, and atmospheric threat awareness capability.

AC: Airworthiness Approval of Airborne Systems used for Takeoff, Precision Approach, Landing, and Rollout in low-visibility conditions.
Issued 10/22/2018 Document #: AC 20-191 Comment date 12/03/2018
This advisory circular (AC) provides airworthiness criteria for low visibility takeoff, final approach, landing, and rollout in Category II and Category III weather minima. While the

airworthiness criteria for low visibility takeoff is generic in nature, the criteria for the precision approach, landing, and rollout are tailored to using Instrument Landing System (ILS), and Ground Based Augmentation System (GBAS). This AC does not address Microwave Landing System (MLS).

FAA Legal Interpretations

Legal Interpretation: Request for Legal Interpretation of 14 CFR § 121.523(c)
Issued 10/25/2018 Regulation/Order #: 14 CFR § 121.523(c).
This legal interpretation responds to a request for an interpretation concerning flight time limitations and rest requirement of 14 CFR § 121.523(c).

Legal Interpretation: Request for Legal Interpretation of§ 117.5(d) Fitness for Duty Affirmation for Augmented Flight Operationst
Issued 10/25/2018 Regulation/Order #: 14 CFR § 117.5(d)
This legal interpretation responds to a request for an interpretation concerning the 14 CFR § 117.5(d) requirement for fit-for-duty affirmation.

Flight Standards Information Management System (FSIMS)

FSIMS: B-767
Issued 10/26/2018
Revision 39 of the Boeing (B-767) Master Minimum Equipment List.

Notices

Notice: Agency Information Collection Activities: Requests for Comments; Clearance of a Renewed Approval of Information Collection: Procedures for Non-Federal Navigation Facilities
Published 10/26/2018 Document #: 2018-23463 Comments due 11/26/2018
In accordance with the Paperwork Reduction Act of 1995, FAA invites public comments about our intention to request the Office of Management and Budget (OMB) approval to renew an information collection. The Federal Register Notice with a 60-day comment period soliciting comments on the following collection of information was published on August 27, 2018.

Notice: Receipt of Noise Compatibility Program and Request for Review for San Francisco International Airport, San Francisco, California
Published 10/26/2018 Document #: 2018-23404 Comments due 12/26/2018
The Federal Aviation Administration (FAA) announces that it is reviewing a proposed noise compatibility program 2018 update that was submitted for San Francisco International Airport by the City and County of San Francisco, Airport Commission, under the provisions of the Aviation Safety and Noise Abatement Act, hereinafter referred to as “the Act” and the Code of Federal Regulations (CFR). This program update was submitted subsequent to a determination by FAA that associated noise exposure maps submitted for San Francisco International Airport were in compliance with applicable requirements, effective January 29, 2016. The existing noise compatibility program for San Francisco International Airport was approved by the FAA on September 7, 1983. The proposed 2018 update to the noise compatibility program will be approved or disapproved on or before April 16, 2019.

Draft Technical Standards Orders

TSO: INTEGRATED MODULAR AVIONICS (IMA) PLATFORM AND MODULES
Updated 10/22/2018 Comments due 11/14/2018
This technical standard order (TSO) is for manufacturers applying for a TSO authorization (TSOA) or letter of design approval (LODA). In it, we (the Federal Aviation Administration, (FAA)) tell you what minimum performance standards (MPS) your integrated modular avionics (IMA) platform and/or module must first meet for approval and identification with the applicable TSO marking.

TSO: Airborne Weather Radar Equipment
Updated 10/22/2018 Comments due 11/27/2018
This technical standard order (TSO) is for manufacturers applying for a TSO authorization (TSOA) or letter of design approval (LODA). In it, we (the Federal Aviation Administration, (FAA)) tell you what minimum performance standards (MPS) your airborne weather radar equipment must meet for approval and identification with the applicable TSO marking. This TSO addresses weather detection and ground mapping, forward looking windshear detection, forward looking turbulence detection, and atmospheric threat awareness capability. It does not include flight guidance system functionality in support of an approved windshear detection and avoidance system.

Flight Standards Service Draft Advisory Circular

AC: Standardized Curricula Delivered by Part 142 Training Centers
Updated 10/23/2018 Reference #: Title 14 Part 1-142 Comments due 11/13/2018
This Advisory Circular (AC) identifies how a certificate holder operating under Title 14 of the Code of Federal Regulations (14 CFR) part 135 may use a part 142 training center for training. It provides information and guidance to certificate holders to enable compliance with part 135 § 135.324 (Training program: Special rules). It provides guidance for the development of approved curriculums, segments, and portions of curriculum segments applicable for use in training required by part 135. T

AC: Anticollision Light Maintenance Program
Updated 10/23/2018 Reference #: Title 14 Part 21-91 Comments due 11/16/2018
This AC provides guidance in developing an anticollision light maintenance program. This AC describes an acceptable means, but not the only means, to comply with Title 14 of the Code of Federal Regulations (14 CFR). However, if you use the means described in this AC to show compliance, you must follow it in all important respects.

Draft Flight Standardization Board/Operational Suitability Report

FSB: Bombardier BD-500
Updated 10/22/2018 Revision 1 Draft X Comments due 10/29/2018

FSB: Embraer ERJ 170
Updated 10/22/2018 Revision 6 Draft X Comments due 11/05/2018

FSB: Boeing 767 FSB

Updated 10/22/2018 Revision 10 Draft X Comments due 11/05/2018

FSB: Boeing 757
Updated 10/22/2018 Revision 10 Draft X Comments due 11/05/2018

FSB: Embraer ERJ 190
Updated 10/22/2018 Revision 6 Draft X Comments due 11/05/2018

OSR: Draft Operational Suitability Report for Universal Avionics Systems Corporation InSight EFI 1040P Avionics package for the Textron Model 650
Updated 10/22/2018 Revision 0 Draft X Comments due 11/19/2018

Draft Master Minimum Equipment List

MMEL: BAe-146 Rev 23
Updated 10/23/2018 Revision 23 Draft X Comments due 11/05/2018

NATIONAL TRANSPORTATION SAFETY BOARD

Opinions and Orders

Opinion: Daniel K. Elwell v. Robert Hamlin
Served 10/17/2018 Docket #: EA-5844
On October 16, 2018, the Acting Administrator filed a Notice of Withdrawal of Appeal of the Administrative Law Judge's oral initial decision issued on September 19, 2018.

October 29, 2018

FAA Final rules

AD: Pratt & Whitney Turbofan Engines***
Published 10/29/2018 Docket #: FAA-2017-1206 Effective date 12/03/2018
The FAA is adopting a new airworthiness directive (AD) for all Pratt & Whitney (PW) PW2037, PW2037M, and PW2040 turbofan engines. This AD was prompted by an uncommanded high thrust event that occurred during approach on January 16, 2016, and during landing on April 6, 2016. This AD requires removal of the metering valve pilot valve (MVPV) within certain fuel control units (FCUs) and the MVPV's replacement with a part eligible for installation.

Final Rule: Amendment of Class E Airspace; Merced, CA
Published 10/29/2018 Docket #: FAA-2017-1092 Effective date 01/03/2019
This action modifies Class E surface airspace and Class E airspace extending upward from 700 feet above the surface at Merced Regional/Macready Field, Merced, CA, to accommodate airspace redesign due to the decommissioning of the El Nido VHF Omnidirectional Range/Distance Measuring Equipment (VOR/DME) as the FAA transitions from ground-based to satellite-based navigation. This action also removes Class E airspace extending upward from 1,200 feet above the surface; updates the airport name to match the FAA's aeronautical database; and replaces the outdated term Airport/Facility Directory with Chart Supplement. These actions are necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

Final Rule: **Amendment of Class D and Class E Airspace; Aurora, OR**
Published 10/29/2018 Docket #: FAA-2017-1034 Effective date 01/03/2019
This action modifies the Class D airspace, Class E surface area airspace, and Class E airspace extending upward from 700 feet above the surface, at Aurora State Airport, Aurora, OR. Additionally, an editorial change removes the city associated with the airport name in the airspace designations, and replaces the outdated term Airport/Facility Directory with Chart Supplement in Class D airspace. These changes are necessary to accommodate airspace redesign for the safety and management of instrument flight rules (IFR) operations within the National Airspace System.

Final Rule: **Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments**
Published 10/29/2018 Docket #: 31218 Effective date 10/29/2018
This rule amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide for the safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

Final Rule: **Amendment of Air Traffic Service (ATS) Routes in the Vicinity of Chicago, IL**
Published 10/29/2018 Docket #: FAA-2018-0230 Effective date 01/03/2019
This action modifies two VHF Omnidirectional Range (VOR) Federal airways (V-217 and V-228) in the vicinity of the Chicago O'Hare International Airport, IL. The FAA is taking this action due to the planned decommissioning of the Chicago O'Hare, IL, VOR/Distance Measuring Equipment (VOR/DME) navigation aid (NAVAID), which provides navigation guidance for portions of the affected ATS routes.

Final Rule: **Amendment of V-97 and V-422 in the Vicinity of Chicago, IL**
Published 10/29/2018 Docket #: FAA-2018-0464 Effective date 01/03/2019
This action modifies two VHF Omnidirectional Range (VOR) Federal airways (V-97 and V-422) in the vicinity of Chicago, IL. The FAA is taking this action due to the planned decommissioning of the Chicago O'Hare, IL, VOR/Distance Measuring Equipment (VOR/DME) navigation aid, which provides navigation guidance for portions of the affected Air Traffic Service (ATS) routes.

Final Rule: **Amendment of Class D and Class E Airspace; Atwater, CA**
Published 10/29/2018 Docket #: FAA-2017-1091 Effective date 02/28/2019
This action modifies Class D airspace and Class E airspace extending upward from 700 feet above the surface at Castle Airport, Atwater, CA. Additionally, the airport's geographic coordinates have been updated to match the FAA's aeronautical database and the outdated term Airport/Facility Directory is replaced with Chart Supplement in Class D airspace. Airspace redesign is necessary as the FAA transitions from ground-based to satellite-based navigation for the safety and management of instrument flight rules (IFR) operations at this airport due to the decommissioning of the El Nido VHF Omnidirectional Range/Distance Measuring Equipment (VOR/DME).

Final Rule: **Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments**

Published 10/29/2018 Docket #: 31217 Effective date 10/29/2018
This rule establishes, amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures (ODPs) for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

FAA Proposed Rules

NPRM: Prohibition Against Certain Flights Within the Territory and Airspace of Afghanistan; Withdrawal
Published 10/29/2018 Docket #: FAA-2010-0289
The Federal Aviation Administration (FAA) is withdrawing a previously published notice of proposed rulemaking that proposed to restrict U.S. civil flight operations below flight level (FL) 160 within the territory and airspace of Afghanistan.

FAA Guidance Documents and Notices

Flight Standards Information Management System (FSIMS)

FSIMS: FAA Order 8900.1, Volume 12, Chapter 4, Section 1, Paragraph 12-436, Special Purpose Pilot Authorizations (§ 61.77), Policy Change
Issued 10/25/2018
This notice provides guidance for Federal Aviation Administration (FAA) offices and aviation safety inspectors (ASI) responsible for the issuance of Special Purpose Pilot Authorizations (SPPA) under Title 14 of the Code of Federal Regulations (14 CFR) part 61.

Orders

Order: Air Traffic Organization Safety Management System
Issued 10/26/2018 Document #: JO 1000.37B Effective date 10/31/2018
This order establishes Safety Management System (SMS) policies for the Air Traffic Organization (ATO). It defines the scope, requirements, and applications of the SMS in the ATO and gives the responsibility for owning and executing the SMS to all employees at all levels of the ATO, from the ATO Chief Operating Officer (COO) to the individual air traffic controllers and airway transportation systems specialists at a Service Delivery Point (SDP). The ATO COO is the ultimate accountable executive for ensuring the effectiveness of the SMS

Notices

Notice: Agency Information Collection Activities: Corrected Requests for Comments; Clearance of a Renewed Approval of Information Collection: Certification of Repair Stations, Part 145 of Title 14, CFR
Published 10/29/2018 Document #: 2018-23532 Comments due 11/28/2018
In accordance with the Paperwork Reduction Act of 1995, FAA invites public comments about our

intention to request the Office of Management and Budget (OMB) approval to renew an information collection. The Federal Register Notice with a 60-day comment period soliciting comments on the following collection of information was published on August 28, 2018. The burden in this 30-day notice is less than the burden published in the 60-day notice. The 60-day notice burden included a one-time training obligation that is complete. Persons requesting to obtain an initial air agency certificate for a repair station or changes to an existing repair station (air agency) certificate are required to submit this request in a format acceptable to the FAA.

Notice: CALL SIGN CHANGE: "THOMAS COOK" / "TCX"
Published 10/23/2018 Document #: JO 7340.490
Thomas Cook Airlines will cease using the call sign "KESTRAL" for any flights departing after 0001 Zulu on November 1, 2018.

Notice: ICAO THREE LETTER DESIGNATOR (3LD) "BGR" AND ASSOCIATED TELEPHONY "BRIDGER"
Published 10/24/2018 Document #: JO 7340.491 Effective 10/26/2018
Additions to JO 7340.2, Contractions, Chapter 3, Sections 1, 2, and 3 have been approved for BGR (BRIDGER).

Notice: ICAO THREE LETTER DESIGNATOR (3LD) "BOG" AND ASSOCIATED TELEPHONY "BIRD DOG"
Published 10/24/2018 Document #: JO 7340.492 Effective date 10/26/2018
Additions to JO 7340.2, Contractions, Chapter 3, Sections 1, 2, and 3 have been approved for BOG (BIRD DOG).

AVIATION SECURITY ADVISORY COMMITTEE

Notices

Meeting: Aviation Security Advisory Committee (ASAC) Meeting
Meeting date 10/06/2018 Meeting time 9:00am – 12:00pm Time zone (EST/etc.)
The Transportation Security Administration (TSA) will hold a meeting of the Aviation Security Advisory Committee (ASAC) to discuss issues listed in the Meeting Agenda section below.

October 30, 2018

FAA Final rules

Final Rule: Amendment of Air Traffic Service (ATS) Routes in the Vicinity of Mattoon and Charleston, IL
Published 10/30/2018 Docket #: FAA-2018-0219 Effective date 09/07/2018
This action changes the effective date of a final rule published in the Federal Register on September 7, 2018, amending VHF Omnidirectional Range (VOR) Federal airways V-72 and V-429 in the vicinity of Mattoon and Charleston, IL. The FAA is delaying the effective date to coincide with the expected completion and flight check of enroute and terminal procedures associated with the planned decommissioning of the Mattoon, IL, VOR.

FAA Guidance Documents and Notices

FAA Final Policies

Final Policy: Structural Certification Criteria for Antennas, Radomes, and Other External Modifications
Issued 10/11/2018 Policy #: PS-AIR-25-17
This policy statement identifies applicable structural requirements and acceptable means of compliance for certification of external modifications, such as antennas, radomes, cameras, and external stores, on transport category airplanes.

Notices

Notice: FAA Order 8900.1, Volume 12, Chapter 4, Section 1, Paragraph 12-436, Special Purpose Pilot Authorizations (§ 61.77), Policy Change
Effective date 10/25/2018 Document #: N 8900.489 Cancellation date 10/25/2019
This notice provides guidance for Federal Aviation Administration (FAA) offices and aviation safety inspectors (ASI) responsible for the issuance of Special Purpose Pilot Authorizations (SPPA) under Title 14 of the Code of Federal Regulations (14 CFR) part 61.

Notice: Foreign ICAO 3LD Additions, Deletions, and Modifications (excluding U.S.)
Effective date 10/29/2018 Document #: JO 7340.493 Cancellation date 10/29/2019
This notice modifies FAA Order JO 7340.2, Contractions, Chapter 3, Sections 1, 2, and 3, !CAO Aircraft Company Three-Letter Identifier and/or Telephony Designator. This notice reflects recent changes initiated by countries other than the United States (U.S.) including new ICAO three letter designators (3LDs), deletions of defunct ICAO 3LDs, and modifications to ICAO 3LDs, associated telephonies, and companies/agencies.

October 31, 2018

FAA Final rules

AD: Pratt & Whitney Division (PW) Turbofan Engines***
Published 10/31/2018 Docket #: FAA-2018-0368 Effective date 12/05/2018
The FAA is adopting a new airworthiness directive (AD) for all Pratt & Whitney Division (PW) PW4074D, PW4077D, PW4084D, PW4090, and PW4090-3 turbofan engines with a low-pressure compressor (LPC) fan hub, part number (P/N) 51B821 or P/N 52B521, installed. This AD was prompted by updated low-cycle fatigue analysis techniques that indicate certain LPC fan hubs could crack before their published life limit. This AD requires repetitive eddy current inspections (ECIs) and fluorescent penetrant inspections (FPIs) for cracks in certain LPC fan hubs and removal of LPC fan hubs from service that fail inspection.

FAA Guidance Documents and Notices

Special Airworthiness Information Bulletins (SAIB)

SAIB: Liquid Penetrant Inspection; Using Visible Dye Penetrant
Issued 10/30/2018 SAIB #: CE-18-26R1
A recent accident involving an in-flight propeller failure and separation has again brought to light the need for continued diligence in the use of liquid penetrant inspection methods. These methods involve the use of Type I fluorescent penetrants (visible under ultraviolet light) and Type II visible

penetrant (visible under ordinary white light), (Ref. Aerospace Material Specification (AMS) 2644 Inspection Material, Penetrant). During the examination of the failed propeller, there were remnants of visible dye penetrant (red dye) material found in the bolt holes, which may have affected subsequent inspections.

Flight Standards Service Information for Operators (InFO)

InFO: Updated Coding Requirements for Snow Pellets and Small Hail
Issued 10/10/2018 InFO #: 18011
This InFO provides information on updated coding requirements for reporting snow pellets and small hail in Meteorological Terminal Aviation Routine Weather Reports (METAR).

Orders

Order: Federal Aviation Administration (FAA) Accountability Board
Effective date 10/26/2018 Document #: 1110.125B
This Order outlines the Accountability Board's program requirements, scope, and responsibilities. It affirms the FAA's commitment to the fair, timely and consistent management action to allegations of harassment based on age, color, disability, gender, national origin, race, religion, genetic information, and sexual orientation. Additionally, this Order establishes oversight guidelines for allegations of sexual misconduct, reprisal, and management's failure to report.

Notices

Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Certification of Airmen for the Operation of Light-Sport Aircraft
Published 10/31/2018 Document #: 2018-23721 Comments due 11/30/2018
In accordance with the Paperwork Reduction Act of 1995, FAA invites public comments about our intention to request the Office of Management and Budget (OMB) approval to renew an information collection. The Federal Register Notice with a 60-day comment period soliciting comments on the following collection of information was published on August 27, 2018.

Notice: Agency Information Collection Activities: Requests for Comments; Clearance of a Renewed Approval of Information Collection: Certification: Airmen Other Than Flight Crewmembers, Subpart C, Aircraft Dispatchers and App. A Aircraft Dispatcher
Published 10/31/2018 Document #: 2018-23722 Comments due 11/30/2018
In accordance with the Paperwork Reduction Act of 1995, FAA invites public comments about our intention to request the Office of Management and Budget (OMB) approval to renew an information collection. The Federal Register Notice with a 60-day comment period soliciting comments on the following collection of information was published on August 23, 2018. The collection involves the information that each applicant for an aircraft dispatcher certificate or FAA approval of an aircraft dispatcher course must submit to the FAA.