

## Final Documents/Your Two Cents—November 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.

---

### **November 1, 2018**

#### *FAA Final rules*

##### **Final Rule: [Establishment and Modification of Area Navigation Routes, Florida Metroplex Project; Southeastern United States](#)**

Published 11/01/2018                      Docket #: FAA- 2018-0437                      Effective date 11/08/2018

Rule document 2018-18508 originally published on pages 43750 through 43756, in the issue of Tuesday, August 28, 2018. In that publication, on page 43755, under the heading “Q-81 TUNSL, FL TO HONID, GA [NEW]” make the following corrections: (1) In the second line, in the first column, remove “FIX”; and (2) in the same line, in the second column, “WP” should read “FIX”. The corrected document is published here in its entirety.

#### **FAA Guidance Documents and Notices**

##### *Flight Standards Information Management System (FSIMS)*

##### **FSIMS: [Change 628 to 8900.1](#)**

Issued 10/18/2018

This change revises Volume 2, Chapter 9, Section 1 to provide ASIs with information on determining whether an applicant for a pilot school certificate meets the requirements of Title 14 of the Code of Federal Regulations (14 CFR) part 141 for the issuance or renewal of an Air Agency Certificate. The change includes information about the ability of a provisional pilot school to apply for a certificate, renewal requirements, satellite bases outside of the United States, the Certification Services Oversight Process (CSOP), and simulation training. It also removes references to regions and updates language in accordance with the Future of Flight Standards reorganization.

##### **FSIMS: [Initial Certification or Renewal of a Part 141 Pilot School](#)**

Issued 10/18/2018

OBJECTIVE. Determine whether an applicant for a Title 14 of the Code of Federal Regulations (14 CFR) part 141 pilot school qualifies to operate as a pilot school or provisional pilot school. This is a certificated entity, and successful completion of this task results in the issuance, renewal, or denial of Federal Aviation Administration (FAA) Form 8000-4, Air Agency Certificate. These procedures

facilitate the issuance of a provisional pilot school certificate, for added ratings (amendments), and for a pilot school certificate renewal.

## Notices

### **Notice: [Petition for Exemption; Summary of Petition Received; The Boeing Company](#)**

Published 11/01/2018 Document #: 2018-23886 Comments due 11/21/2018

The Boeing Company seeks an exemption from § 91.527(a) at amendment 91-310 with respect to operating the 777-9 and 777-8 “777X” series aircraft in icing conditions. This exemption would permit The Boeing Company to operate such aircraft within the holdover times of the other critical surfaces of the aircraft without specific consideration of the folding wingtip (FWT) conditions. The exemption would be limited by the Airplane Flight Manual (AFM)—Miscellaneous Limitations notation that defines conditions under which takeoff without appropriate de/anti-icing treatment of the FWT is not permitted.

### **Notice: [Mitigation Procedure To Prevent Excessive Memory Leaks In ERAM Channels And The NAP Realms](#)**

Published 10/31/2018 Document #: JO 6100.26

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 6100.1I, 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 6100.1I. This document's content can only be accessed from within the FAA network.

## **November 2, 2018**

### *FAA Proposed Rules*

#### **[NPRM: Notification of Public Meetings on Requirement for Helicopters To Use the New York North Shore Helicopter Route](#)**

Published 11/02/2018 Document #: 2018-24129

The FAA announces three public meetings to solicit feedback concerning the New York North Shore Helicopter Rule (“the Rule”). These meetings are being held pursuant to Section 182 of the FAA Reauthorization Act of 2018. The Rule requires civil helicopter pilots operating under Visual Flight Rules (VFR), whose route of flight takes them over the north shore of Long Island between the Visual Point Lloyd Harbor (VPLYD) waypoint and Orient Point (VPOLT), to use the North Shore Helicopter Route.

#### **[NPRM: Request for Comments on Requirement for Helicopters To Use the New York North Shore Helicopter Route](#)**

Published 11/02/2018 Docket #: FAA-2018-0954 Effective date 01/02/2019

The FAA Reauthorization Act of 2018 directs the FAA to provide notice of, and an opportunity for, at least 60 days of public comment with respect to the regulations mandating that pilots operating civil helicopters under Visual Flight Rules use the New York North Shore Helicopter Route when operating along that area of Long Island, New York. The Act further states the FAA shall hold a public hearing in order to solicit feedback on the regulations from impacted communities. Such an opportunity will be provided and additional meeting information will be announced.

## **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).

*Orders*

**Order: Federal Aviation Administration Compliance Program**

Issued 10/31/2018

Document #: 8000.373A

Effective date 10/31/2018

This order sets forth the Federal Aviation Administration (FAA)

Compliance Program as the overarching guidance for implementing the FAA's strategic safety oversight approach to meet the challenges of today's rapidly changing aerospace system.

*Notices*

**Notice: Notice of Availability of the Federal Aviation Administration Record of Decision and Adoption of the Final Environmental Impact Statement for Modernization and Enhancement of Ranges, Airspace, and Training Areas in the Joint Pacific Alaska Range Complex in Alaska, for the Fox 3 Military Operations Area (MOA) Expansion and Paxon/Delta 5 MOA Establishment and Night Joint Training, Extending MOA Times of Use for the United States Air Force**

Published 11/02/2018

Document #: 2018-24050

The Federal Aviation Administration (FAA) announces its decision to adopt the United States Departments of the Army (Army) and Air Force's (USAF) Final Environmental Impact Statement (EIS) for the Modernization and Enhancement of Ranges, Airspace, and Training Areas in the Joint Pacific Alaska Range Complex (JPARC) in Alaska, EIS No. 20130181. In accordance with Section 102 of the National Environmental Policy Act of 1969 ("NEPA"), the Council on Environmental Quality's ("CEQ") regulations implementing NEPA (40 CFR parts 1500-1508), and other applicable authorities, including The Federal Aviation Administration (FAA) Order 1050.1F, Environmental Impacts: Policies and Procedures, paragraph 8-2, and FAA Order JO 7400.2K, "Procedures for Handling Airspace Matters," paragraph 32-2-3, the FAA has conducted an independent review and evaluation of the Army and the USAF's Final EIS for Modernization and Enhancement of Ranges, Airspace, and Training Areas in the JPARC in Alaska, dated June 2013.

**Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Hazardous Materials Training Requirements**

Published 11/02/2018

Document #: 2018-24043

Comments due 01/02/2019

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 of a new information collection. This collection involves FAA certification process requirements for operators and repair stations who are required to submit documentation related to hazardous materials training programs.

**Notice: [Notice of Availability of Categorical Exclusion and Record of Decision \(CATEX/ROD\) for Boston Harbor Seaplane Operation, MA](#)**

Published 11/02/2018 Document #: 2018-24056

The FAA, Eastern Service Center is issuing this notice to advise the public of the availability of the Categorical Exclusion/Record of Decision (CATEX/ROD) for the Boston Harbor Seaplane Operation. The FAA reviewed the action and determined it to be categorically excluded from further environmental review.

*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 10/22/2018 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 10/22/2018 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: Embraer ERJ 170**

Updated 10/30/2018                      Revision 6 Draft X                      Comments due 11/05/2018

**FSB: Boeing 767**

Updated 10/30/2018                      Revision 10 Draft X                      Comments due 11/05/2018

**FSB: Boeing 757**

Updated 10/30/2018                      Revision 10 Draft X                      Comments due 11/05/2018

**FSB: Embraer ERJ 190**

Updated 10/30/2018                      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 10/30/2018                      Revision 0 Draft X                      Comments due 11/19/2018

*Draft Master Minimum Equipment List***MMEL: BAe-146**

Updated 10/23/2018                      Revision 23 Draft X                      Comments due 11/05/2018

**November 5, 2018***FAA Final rules***AD: Bombardier, Inc., Airplanes\*\*\***

Published 11/05/2018                      Docket #: FAA-2018-0585                      Effective date 12/10/2018

The FAA is 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 that non-conforming FIREX squib wire harness connectors may have been installed, which could result in FIREX squib wire harness connectors being connected to the wrong FIREX bottle connectors on affected aircraft. This AD requires a visual inspection of the connections between the FIREX squib wire harness connectors and FIREX bottle connectors, installation of split ring lanyards on the FIREX squib wire harness connectors, and corrective actions if necessary.

**AD: Honeywell International Inc. Turboprop Engines\*\*\***

Published 11/03/2018                      Docket #: FAA-2018-0216                      Effective date 12/10/2018

The FAA is superseding Airworthiness Directive (AD) 88-12-10 for certain Honeywell International Inc. (Honeywell) TPE331 turboprop engines. AD 88-12-10 required reducing the life limit for certain second stage turbine rotors. This AD requires removing certain second stage turbine rotors from service at a reduced life limit. This AD was prompted by report that a TPE331-11U engine experienced an uncontained rotor separation. In addition, cracks were discovered through eddy current inspection (ECI) in the bore of the second stage turbine rotor assembly after publication of AD 88-12-10.

**AD: The Boeing Company Airplanes\*\*\***

Published 11/05/2018                      Docket #: FAA-2018-0027                      Effective date 12/10/2018

The FAA is adopting a new airworthiness directive (AD) for all The Boeing Company Model 787

series airplanes. This AD was prompted by reports that, under certain conditions, the automatic dependent surveillance-broadcast (ADS-B) out function and air traffic control/traffic alert and collision avoidance system (ATC/TCAS) functions can transmit incorrect data. This AD requires an inspection or records review to determine if certain software is installed, the installation of new software for the integrated surveillance system (ISS) operational program software (OPS) if necessary, a software check, and applicable on-condition actions. For certain airplanes, this AD also requires the installation of new software for the ISS OPS, ISS option selection software (OSS) file, and ISS airline selectable option (ASO) file; and installation of a new ISS definition file database within the displays and crew alerting (DCA) system.

#### *FAA Proposed Rules*

##### **NPRM AD: Airbus SAS Airplanes\*\*\***

Published 11/05/2018                      Docket #: FAA-2018-0904                      Comments due 12/20/2018  
The FAA proposes to adopt a new airworthiness directive (AD) for all Airbus SAS Model A330-200 Freighter series, Model A330-200 series, Model A330-300 series, Model A340-200 series, Model A340-300 series, Model A340-500 series, and Model A340-600 series airplanes. This proposed AD was prompted by a report that certain sensor struts, in the case of down drive element disconnection, would be unable to provide failure detection information. This proposed AD would require repetitive inspections of certain drive station elements and sensor struts; an inspection of certain other drive station elements if necessary; and corrective actions if necessary.

##### **NPRM AD: Embraer S.A. Airplanes\*\*\***

Published 11/05/2018                      Docket #: FAA-2018-0905                      Comments due 12/20/2018  
The FAA proposes to adopt a new airworthiness directive (AD) for all Embraer S.A. Model ERJ 190-100 STD, -100 LR, -100 IGW, -200 STD, -200 LR, and -200 IGW airplanes. This proposed AD was prompted by reports of corrosion and chromium layer chipping of the forward and aft pintle pins of the main landing gear (MLG) shock struts. This proposed AD would require repetitive inspections for discrepancies of affected forward and aft pintle pins of the MLG shock struts, and corrective actions if necessary.

##### **NPRM AD: Airbus SAS Airplanes\*\*\***

Published 11/05/2018                      Docket #: FAA-2018-0906                      Comments due 12/20/2018  
The FAA proposes to adopt a new airworthiness directive (AD) for all Airbus SAS Model A310-304, -322, -324, and -325 airplanes. This proposed AD was prompted by an evaluation by the design approval holder (DAH) indicating that certain skin stringer joints are subject to widespread fatigue damage (WFD). This proposed AD would require a rototest inspection of the fastener holes in the affected areas and repair if necessary, and modifying the fastener holes.

##### **NPRM: Proposed Establishment of Class E Airspace; Williston, ND**

Published 11/05/2018                      Docket #: FAA-2018-0250                      Comments due 12/20/2018  
This action proposes to establish Class E airspace extending upward from 700 feet above the surface at Williston Basin International Airport, Williston, ND. Controlled airspace is necessary to accommodate new standard instrument approach procedures developed at Williston Basin International Airport, for the safety and management of instrument flight rules (IFR) operations.

##### **NPRM: Proposed Amendment of Air Traffic Service (ATS) Routes; Western United States**

Published 11/05/2018                      Docket #: FAA-2018-0713                      Comments due 12/20/2018

This action proposes to amend two jet routes (J-65 and J-110), and three domestic VOR Federal airways (V-23, V-165, and V-230) in the western United States. These modifications are necessary due to the planned decommissioning of the Clovis, CA, VHF Omnidirectional Range (VOR) portion of the VOR/tactical air navigation (VORTAC) navigation aid (NAVAID), which provides navigation guidance for portions of the affected air traffic service (ATS) routes. The Clovis, CA, VOR is being decommissioned as part of the FAA's VOR Minimum Operational Network (MON) program.

**NPRM: Proposed Revocation of Class E Airspace; Beeville-Chase Field, TX**

Published 11/05/2018                      Docket #: FAA-2018-0917                      Comments due 12/20/2018

This action proposes to remove Class E airspace extending upward from 700 feet above the surface at Chase Field Industrial Airport, Beeville-Chase Field, TX. The FAA is proposing this action due to the cancellation of the standard instrument approach procedures at the airport making the airspace no longer necessary.

*FAA Special Conditions*

**SC: Bombardier Inc. Model BD-700-2A12 and BD-700-2A13 Airplanes; Enhanced Flight Vision System (EFVS)**

Published 11/05/2018                      Docket #: FAA-2016-4159                      Effective date 11/05/2018

These special conditions are issued for the Bombardier Inc. (Bombardier) Model BD-700-2A12 and BD-700-2A13 airplanes. These airplanes will have a novel or unusual design feature associated with an enhanced flight-vision system. 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.

**November 6, 2018**

*FAA Final rules*

**Final Rule: Airspace Designations; Incorporation by Reference Amendments**

Published 11/06/2018                      Docket #: FAA-2018-0770                      Effective date 11/06/2018

This action incorporates certain airspace designation amendments into FAA Order 7400.11C, dated August 13, 2018, and effective September 15, 2018, for incorporation by reference.

*FAA Proposed Rules*

**NPRM AD: BRP-Rotax GmbH & Co KG Engines\*\*\***

Published 11/06/2018                      Docket #: FAA-2018-0916                      Comments due 12/21/2018

The FAA proposes to adopt a new airworthiness directive (AD) for certain BRP-Rotax GmbH & Co KG (Rotax) 912 and 914 model engines. This proposed AD was prompted by power loss and engine revolutions per minute (RPM) drop on Rotax 912 and 914 model engines due to a quality control deficiency in the manufacturing process of certain valve push-rod assemblies resulting in partial wear on the rocker arm ball socket and possible malfunction of the valve. This proposed AD would require a one-time inspection and, depending on the findings, replacement of the affected parts with parts eligible for installation.

**NPRM AD: Airbus SAS Airplanes\*\*\***



Published 11/06/2018                      Docket #: FAA-2018-0907                      Comments due 12/21/2018  
The FAA proposes to supersede Airworthiness Directive (AD) 2017-07-05, which applies to all Airbus SAS Model A300 series airplanes; and 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). AD 2017-07-05 requires repetitive detailed visual inspections of the main landing gear (MLG) leg components and replacement of the MLG leg if cracked components are found. Since we issued AD 2017-07-05, further investigation revealed that overhaul of the MLG does not alleviate the need for inspecting the MLG hinge arm/barrel pin for cracking. This proposed AD would retain the requirements of AD 2017-07-05 and remove the credit for doing a MLG overhaul in lieu of the initial inspection of the MLG leg components.

**NPRM AD: Airbus SAS Airplanes\*\*\***

Published 11/06/2018                      Docket #: FAA-2018-0508                      Comments due 06/11/2018  
The FAA is revising an earlier proposal, which would have applied to certain Airbus SAS Model A350-941 airplanes. This action revises the notice of proposed rulemaking (NPRM) by adding airplanes to the applicability and proposing to require revised maintenance requirements and airworthiness limitations. We are proposing this airworthiness directive (AD) to address the unsafe condition on these products. Since these changes would impose an additional burden over the proposed requirements in the NPRM, we are reopening the comment period to allow the public the chance to comment on these proposed changes.

**November 7, 2018**

*FAA Final rules*

**AD: International Aero Engines Turbofan Engines\*\*\***

Published 11/07/2018                      Docket #: FAA-2018-0431                      Effective date 12/12/2018  
The FAA is adopting a new airworthiness directive (AD) for all International Aero Engines (IAE) PW1133G-JM, PW1133GA-JM, PW1130G-JM, PW1127G-JM, PW1127GA-JM, PW1127G1-JM, PW1124G-JM, PW1124G1-JM, and PW1122G-JM turbofan engines with a certain high-pressure compressor (HPC) front hub installed. This AD was prompted by corrosion found on the HPC front hub. This AD requires replacing the HPC front hub with a part eligible for installation

**AD: International Aero Engines (IAE) Turbofan Engines\*\*\***

Published 11/07/2018                      Docket #: FAA-2018-0404                      Effective date 12/12/2018  
The FAA is adopting a new airworthiness directive (AD) for all International Aero Engines (IAE) PW1133G-JM, PW1133GA-JM, PW1130G-JM, PW1127G-JM, PW1127GA-JM, PW1127G1-JM, PW1124G-JM, PW1124G1-JM, and PW1122G-JM turbofan engines. This AD was prompted by reports of in-flight engine shutdowns and aborted take-offs as the result of certain parts affecting the durability of the rear high-pressure compressor (HPC) rotor hub knife edge seal. This AD requires replacing the diffuser case air seal assembly, the high-pressure turbine (HPT) 2nd-stage vane assembly, and the HPT 2nd-stage borescope stator vane assembly with parts eligible for installation.

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

Published 11/07/2018                      Docket #: FAA-2018-0551                      Effective date 12/12/2018  
The FAA is adopting a new airworthiness directive (AD) for certain Bombardier, Inc., Model CL-600-2C10 (Regional Jet Series 700, 701, & 702) airplanes; Model CL-600-2D15 (Regional Jet Series 705)

airplanes; Model CL-600-2D24 (Regional Jet Series 900) airplanes; and Model CL-600-2E25 (Regional Jet Series 1000) airplanes. This AD was prompted by reports of damage to the protective coating and corrosion on the piston/axle of the main landing gear (MLG), caused by friction between the inboard axle sleeve and the axle thrust face. This AD requires revising the maintenance or inspection program, as applicable, to incorporate a detailed inspection of the MLG piston/axle for damage to the protective coating and for corrosion.

**AD: Airbus SAS Airplanes\*\*\***

Published 11/07/2018                      Docket #: FAA-2018-0908                      Effective date 11/23/2018  
The FAA is adopting a new airworthiness directive (AD) for certain Airbus SAS Model A350-941 and -1041 airplanes. This AD was prompted by a technical issue detected on the inboard aileron electro-hydrostatic actuators that caused potential erroneous monitoring of those actuators. This AD requires revising the airplane flight manual to provide the flightcrew with updated procedures related to inboard aileron fault operations.

**AD: The Boeing Company Airplanes\*\*\***

Published 11/07/2018                      Docket #: FAA-2018-0510                      Effective date 12/12/2018  
The FAA is superseding Airworthiness Directive (AD) 2016-04-16, which applied to all The Boeing Company Model DC-10-10, DC-10-10F, DC-10-15, DC-10-30, DC-10-30F (KC-10A and KDC-10), DC-10-40, DC-10-40F, MD-10-10F, MD-10-30F, MD-11, and MD-11F airplanes. AD 2016-04-16 required adding design features to detect electrical faults and to detect a pump running in an empty fuel tank. This AD continues to require adding design features to detect electrical faults and to detect a pump running in an empty fuel tank. This AD also provides optional terminating action for certain requirements. This AD was prompted by a fuel system review conducted by the manufacturer.

**November 8, 2018**

*FAA Final rules*

**Emergency AD: Boeing Company Model 737-8 and -9 airplanes\*\*\***

Published 11/07/2018                      Docket #: AD 2018-23-51  
This emergency AD was prompted by analysis performed by the manufacturer showing that if an erroneously high single angle of attack (AOA) sensor input is received by the flight control system, there is a potential for repeated nose-down trim commands of the horizontal stabilizer. This condition, if not addressed, could cause the flight crew to have difficulty controlling the airplane, and lead to excessive nose-down attitude, significant altitude loss, and possible impact with terrain.

**AD: Airbus SAS Airplanes\*\*\***

Published 11/08/2018                      Docket #: FAA-2018-0958                      Effective date 11/23/2018  
The FAA is adopting a new airworthiness directive (AD) for certain Airbus SAS Model A350-941 and -1041 airplanes. This AD was prompted by a report of a close gap between the wing lower cover (WLC) and wing rib feet. This AD requires revising the operator's minimum equipment list (MEL) to change certain MEL items. This AD also requires an inspection for discrepancies and structural damage of certain wing rib foot locations, and related investigative and corrective actions if necessary.

**AD: Engine Alliance Turbofan Engines\*\*\***

Published 11/08/2018                      Docket #: FAA-2018-0934                      Effective date 11/23/2018  
The FAA is adopting a new airworthiness directive (AD) for all Engine Alliance (EA) GP7270, GP7272, and GP7277 turbofan engines with a certain high-pressure turbine (HPT) case installed. This AD requires removal of affected HPT stator cases (HPT 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 HPT cases.

**Final Rule: [Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments](#)**

Published 11/08/2018                      Docket #: 31220                      Effective date 11/08/2018  
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.

DATES:

**Final Rule: [Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments](#)**

Published 11/08/2018                      Docket #: 31221                      Effective date 11/08/2018  
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 AD: [Airbus SAS\\*\\*\\*](#)**

Published 11/08/2018                      Docket #: FAA-2018-0554                      Comments due 07/17/2018  
The FAA is revising an earlier proposal, which would have applied to certain Airbus SAS Model A318 series airplanes; Model A319 series airplanes; Model A320 series airplanes; and Model A321-111, -112, -131, -211, -212, -213, -231, -232, -251N, -253N, and -271N airplanes. This action revises the notice of proposed rulemaking (NPRM) by including revised restrictive requirements and adding airplanes to the applicability. We are proposing this airworthiness directive (AD) to address the unsafe condition on these products. Since these actions impose an additional burden over those proposed in the NPRM, we are reopening the comment period to allow the public the chance to comment on these proposed changes.

**NPRM AD: [Fokker Services B.V. Airplanes\\*\\*\\*](#)**

Published 11/08/2018                      Docket #: FAA-2018-0956                      Comments due 12/24/2018  
The FAA proposes to adopt a new airworthiness directive (AD) for all Fokker Services B.V. Model

F.27 Mark 100, 200, 300, 400, 500, 600, and 700 airplanes. This proposed AD was prompted by a report of a main landing gear (MLG) collapse due to a broken drag stay; an investigation revealed that the drag stay failure was due to fatigue cracks, introduced by incorrect machining of the affected drag stay tube during production. This proposed AD would require an inspection of the drag stay unit to determine the signal indication, and related investigative and corrective actions if necessary.

**NPRM AD: [The Boeing Company Airplanes](#)\*\*\***

Published 11/08/2018                      Docket #: FAA-2018-0959                      Comments due 12/24/2018  
The FAA proposes to adopt a new airworthiness directive (AD) for certain The Boeing Company Model 737-400 series airplanes. This proposed AD was prompted by reports of cracking in the splice plate on the lower sill of the overwing emergency exit doors. This proposed AD would require repetitive inspections for such cracking and applicable on-condition actions.

**NPRM AD: [Airbus SAS Airplanes](#)\*\*\***

Published 11/08/2018                      Docket #: FAA-2018-0957                      Comments due 12/24/2018  
The FAA proposes to adopt a new airworthiness directive (AD) for all Airbus SAS Model A318-111, -112, -121, and -122 airplanes; Model A319-111, -112, -113, -114, -115, -131, -132, and -133 airplanes; and Model A320-211, -212, -214, -216, -231, -232, and -233 airplanes. This proposed AD was prompted by reports of cracks that were found after improperly performed magnetic particle inspections of the main landing gear (MLG) sliding tubes were done. This proposed AD would require instructions for repetitive general visual inspections of the affected parts for cracks and replacement if necessary.

**FAA Guidance Documents and Notices**

*Flight Standards Information Management System (FSIMS)*

**FSIMS: [Boeing B737-100, -200, -300, -400, -500, -600, -700, -800, -900, -900ER, -8, -9](#)**

Issued 10/17/2018

Revision 16 of the Company Model (737) Flight Standardization Board (FSB) Report.

**FSIMS: [Boeing 787-8, 787-9](#)**

Issued 10/17/2018

Revision 6 of the Boeing (787) Flight Standardization Board (FSB) Report.

*Notices*

**Notice: [Notice of Intent of Waiver With Respect to Land; Capital Region International Airport, Lansing, Michigan](#)**

Published 11/08/2018                      Document #: 2018-24476                      Comments due 12/10/2018

The FAA is considering a proposal to change approximately 1.24 acres of airport land from aeronautical use to non-aeronautical use and to authorize the lease of airport property located at Capital Region International Airport, Lansing, Michigan. The aforementioned land is not needed for aeronautical use.

**November 9, 2018**

## *FAA Final rules*

### **AD: Airbus SAS Airplanes\*\*\***

Published 11/09/2018                      Docket #: FAA-2018-0589                      Effective date 12/14/2018

We are adopting a new airworthiness directive (AD) for certain Airbus SAS Model A318 and A319 series airplanes; Model A320-211, -212, -214, -231, -232, and -233 airplanes; and Model A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes. This AD was prompted by reports of false resolution advisories (RAs) from certain traffic collision avoidance systems (TCASs). This AD requires modification or replacement of certain TCAS processors

## **FAA Guidance Documents and Notices**

### *FAA Draft Advisory Circulars*

#### **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

#### **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).

#### *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.

#### *Flight Standards Service Draft Advisory Circular*

##### **AC: Standardized Curricula Delivered by Part 142 Training Centers**

Updated 10/22/2018

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).

##### **AC: Anticollision Light Maintenance Program**

Updated 10/22/2018

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: Airbus A320**

Updated 11/08/2018

Revision 6 Draft X

Comments due 11/23/2018

##### **FSB: Airbus A330**

Updated 11/08/2018

Revision 6 Draft X

Comments due 11/23/2018

**FSB: Airbus A350**

Updated 11/08/2018

Revision X Draft X

Comments due M/D/YYYY

**OSR: Draft Operational Suitability Report for Universal Avionics Systems Corporation InSight EFI 1040P Avionics package for the Textron Model 650**

Updated 11/08/2018

Revision 0 Draft X

Comments due 11/19/2018

**November 13, 2018**

**FEDERAL AVIATION ADMINISTRATION (FAA)**

**FAA Regulations**

*FAA Final rules*

**Emergency AD: Leonardo S.p.A. Model AW169 and AW189 helicopters\*\*\***

Published 11/08/2018

AD #: 2018-23-52

This emergency AD was prompted by an accident of a Model AW169 helicopter. This emergency AD requires inspecting the tail rotor (T/R) servo-actuator feedback lever link, applying a paint stripe or torque seal on a nut, and reporting information. The actions in this emergency AD are intended to prevent failure of a T/R servo-actuator feedback lever link, which could result in loss of T/R control and subsequent loss of control of the helicopter.

*Orders*

**Order: International Travel Security Program**

Issued 11/08/2018

Document #: 1600.61C

This Order establishes Federal Aviation Administration (FAA) policy and assigns responsibilities for the FAA International Travel Security Program (ITSP). This document has been identified as Sensitive Unclassified Information (SUI) and designated as For Official Use Only (FOUO) per FAA Order 1600.75 by the originating office. The document's Office of Primary Responsibility (OPR) is AXI-300.

**November 14, 2018**

*FAA Final rules*

**AD: Airbus SAS Airplanes\*\*\***

Published 11/14/2018

Docket #: FAA-2018-0297

Effective date 12/19/2018

The FAA is adopting a new airworthiness directive (AD) for certain Airbus SAS Model A319 series airplanes; Model A320-211, -212, -214, -231, -232, and -233 airplanes; and Model A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes. This AD was prompted by investigations that revealed that the cover seal of the brake dual distribution valve (BDDV) was damaged and did not ensure efficient sealing. This AD requires identifying the BDDV part number installed on the airplane, and modifying or replacing BDDVs having certain part numbers.

**AD: Airbus SAS Airplanes\*\*\***

Published 11/14/2018

Docket #: FAA-2018-0637

Effective date 12/19/2018

The FAA is adopting a new airworthiness directive (AD) for certain Airbus SAS Model A350-941 airplanes. This AD was prompted by leakage of shrouded pipe T-boxes in the potable water system. This AD requires replacement of the affected potable water T-boxes and clamps with new parts.

**AD: The Boeing Company Airplanes\*\*\***

Published 11/14/2018                      Docket #: FAA-2018-0408                      Effective date 12/19/2018

The FAA is superseding Airworthiness Directive (AD) 2016-13-16, which applied to all The Boeing Company Model 737-600, -700, -700C, -800, -900, and -900ER series airplanes. AD 2016-13-16 required an inspection or records check to determine if affected horizontal stabilizers are installed, related investigative actions, and, for affected horizontal stabilizers, repetitive inspections for any crack of the horizontal stabilizer rear spar upper chord, and corrective action if necessary. This AD requires retaining the requirements of AD 2016-13-16, with revised service information that clarifies the inspection areas and serial number information of the horizontal stabilizer. This AD was prompted by reports of a manufacturing oversight, in which a supplier omitted the required protective finish on certain bushings installed in the rear spar upper chord on horizontal stabilizers, which could lead to galvanic corrosion and consequent cracking of the rear spar upper chord.

**AD: Airbus SAS Airplanes\*\*\***

Published 11/14/2018                      Docket #: FAA-2018-0758                      Effective date 12/19/2018

The FAA is adopting a new airworthiness directive (AD) for certain Airbus SAS Model A350-941 airplanes. This AD was prompted by a review of the Airbus A350 structure design principles database for type definition that revealed that the balancer fitting part, installed on the tail cone, on a certain frame (FR) has several corrosion-resistant stainless steel nuts that do not meet the requirements for protection against corrosion. This AD requires application of a new additional overcoat sealant and elastic varnish on the affected nuts and fasteners.

**Final Rule: Amendment of Class D and Class E Airspace, and Revocation of Class E Airspace; Juneau, AK**

Published 11/14/2018                      Docket #: FAA-2018-0125                      Effective date 01/03/2019

This action amends Class D airspace, Class E surface area airspace, Class E airspace extending upward from 700 feet above the surface, and removes Class E airspace designated as an extension at Juneau International Airport, Juneau, 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. This action also updates the airport's geographic coordinates to match the FAA's aeronautical database for the associated Class D and E airspace areas, and replaces the outdated term Airport/Facility Directory with Chart Supplement in the Class D airspace legal description.

**FAA Guidance Documents and Notices**

*Flight Standards Information Management System (FSIMS)*

**FSIMS: Operations Inspector Qualifications and Currency Overview**

Issued 10/04/2018

This section contains the qualification and currency requirements applicable to Operations inspectors conducting certification and surveillance of flight-related functions.

**FSIMS: Issue a Temporary Airman Certificate**



Issued 11/13/2018

A Temporary Airman Certificate should be issued each time a pilot certificate is issued or amended. This occurs when an applicant meets all requirements for a certificate or rating. This may occur after a practical test, or in certain circumstances without a practical test.

**FSIMS: Change 626 to 8900.1**

Issued 11/13/2018

This change incorporates new information into Volume 1, Chapter 3, Section 6, updating ASI functions and qualifications to perform certain Operations inspector job functions.

*Notices*

**Meeting: Aviation Rulemaking Advisory Committee**

Meeting date 12/13/2018 Meeting time 1:00pm Time zone (EST/etc.)

The FAA is issuing this notice to advise the public of a meeting of the ARAC.

*Draft Master Minimum Equipment List*

**MMEL: Gulfstream Aerospace IA-Galaxy/G-200**

Updated 11/13/2018

Revision 6 Draft X

Comments due 12/13/2018

**MMEL: Billings Flying Service, Inc. (BFS) CH-47D (R0011DE)**

Updated 11/13/2018

Revision 0 Draft X

Comments due 12/14/2018

**November 15, 2018**

*FAA Proposed Rules*

**NPRM AD: Dassault Aviation Airplanes\*\*\***

Published 11/15/2018

Docket #: FAA-2018-0643

Comments due 08/10/2018

The FAA is revising an earlier proposal for certain Dassault Aviation Model FALCON 7X airplanes. This action revises the notice of proposed rulemaking (NPRM) by proposing to require the incorporation of revised and more restrictive airworthiness limitations. The FAA is proposing this airworthiness directive (AD) to address the unsafe condition on these products. Since these actions would impose an additional burden over those in the NPRM, the FAA is reopening the comment period to allow the public the chance to comment on these changes.

**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.**

Updated 11/14/2018

Document #: AC 20-191

Comment date 01/18/2019

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: AC 20-165B General Memo**

Issued 11/14/2018

Policy #: AIR-6B0-18-6B0-DM415

The Automatic Dependent Surveillance – Broadcast (ADS-B) Out rule takes effect on January 1, 2020. After this date, and unless otherwise authorized by ATC, no person may operate an aircraft in Class A airspace or other airspace as listed in Title 14 Code of Federal Regulations (14 CFR) par 91.225, unless the aircraft has equipment installed that meets the performance requirements in TSO-C166b or TSO-C154c.

#### *Special Airworthiness Information Bulletins (SAIB)*

##### **SAIB: Engine Fuel and Control – Jet Fuel Aromatic Hydrocarbon Limits**

Issued 11/14/2018

SAIB #: HQ-18-30

This Special Airworthiness Information Bulletin (SAIB) advises airplane operators, fixed base operators (FBOs), FAA repair stations, Flight Standards District Offices (FSDOs), and foreign civil aviation authorities of jet fuel supplies for which the concentration of aromatic hydrocarbons and the net heat of combustion may not have been measured in accordance with methods specified by the type certificate (TC) holder.

#### *Notices*

##### **Notice: Notice of Intent To Rule on Request To Release Airport Property**

Published 11/15/2018

Document #: 2018-24875

Comments due 12/17/2018

The FAA proposes to rule and invites public comment on the release of land at the St. Louis Lambert International Airport, St. Louis, Missouri, under the provisions of 49 U.S.C. 47107(h)(2).

##### **Notice: Interim Fix for TDWR DSP Keyboard Issues**

Published 11/05/2018

Document #: N JO 6315.71

This document's content can only be accessed from within the FAA network.

#### **November 16, 2018**

#### *FAA Final rules*

##### **AD: Airbus Helicopters Deutschland GmbH (Previously Eurocopter Deutschland GmbH) Helicopters\*\*\***

Published 11/16/2018

Docket #: FAA-2013-0446

Effective date 12/21/2018

The FAA is revising Airworthiness Directive (AD) 2013-21-05 for Eurocopter Deutschland GmbH (now Airbus Helicopters Deutschland GmbH) (Airbus Helicopters) Model EC135 P1, P2, P2+, T1, T2, and T2+ helicopters. AD 2013-21-05 required an initial and repetitive inspections of certain bearings and modifying the floor and a rod. Since we issued AD 2013-21-05, we have determined that modifying the floor and rod removes the unsafe condition. This AD retains the requirements of AD 2013-21-05 but removes the repetitive inspections. The actions of this AD are intended to prevent an unsafe condition on these products.

## **FAA Guidance Documents and Notices**

### *FAA Draft Advisory Circulars*

#### **AC: Guidance on Testing and Installation of Rechargeable Lithium Battery and Battery Systems on Aircraft**

Issued 11/14/2018 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 11/14/2018 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 11/14/2018 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 11/14/2018 Document #: AC 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. The guidance is applicable to Title 14 of the Code of Federal Regulations, parts 23, 25, 27, and 29 aircraft. For forward-looking windshear and/or turbulence detection capability, the guidance in this AC applies to parts 25 and 23 fixedwing airplane installations.

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

Issued 11/14/2018 Document #: AC 20-191 Comment date 01/18/2019

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: [Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Recording of Aircraft Conveyances and Security Documents](#)**

Published 11/16/2018 Document #: 2018-25009 Comments due 12/17/2018

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 October 9, 2018. 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.

**Notice: [Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Operating Requirements: Domestic, Flag and Supplemental Operations](#)**

Published 11/16/2018 Document #: 2018-25036 Comments due 12/17/2018

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 information collected is used to determine air operators' compliance with the minimum safety standards and the applicants' eligibility for air operations certification.

**Notice: [Notice of Intent To Rule on Request To Release Airport Property](#)**

Published 11/16/2018 Document #: 2018-24875 Comments due 12/17/2018

The FAA proposes to rule and invites public comment on the release of land at the St. Louis Lambert International Airport, St. Louis, Missouri, under the provisions of 49 U.S.C. 47107(h)(2).

### *Draft Technical Standards Orders*

**TSO: [Airborne Weather Radar Equipment](#)**

Updated 11/14/2018 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: [Anticollision Light Maintenance Program](#)**

Updated 11/16/2016 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.

**AC: Flightcrew Member Certificate Verification Plan**

Updated 11/16/2016      Reference #: Title 14 Part 61-135      Comments due 11/29/2018  
. This AC provides information to Title 14 of the Code of Federal Regulations (14 CFR) fractional ownership program managers operating under 14 CFR part 91 subpart K (part 91K) and 14 CFR part 119 certificate holders operating under 14 CFR parts 121 and 135, seeking approval of Operations Specification (OpSpec)/Management Specification (MSpec) A063, Flightcrew Member Certificate Verification Plan. An approved certificate verification plan allows part 91K program managers and part 119 certificate holders operating under parts 121 and 135 to provide a temporary verification document to flightcrew members whose airman or medical certificates have been lost, stolen, or destroyed, or are otherwise missing.

*Draft Flight Standardization Board/Operational Suitability Report*

**FSB: Airbus A320**

Updated 11/08/2018      Revision 6 Draft X      Comments due 11/23/2018

**FSB: Airbus A330**

Updated 11/08/2018      Revision 6 Draft X      Comments due 11/23/2018

**FSB: Airbus A350**

Updated 11/08/2018      Revision 1 Draft X      Comments due 11/23/2018

**OSR: Draft Operational Suitability Report for Universal Avionics Systems Corporation InSight EFI 1040P Avionics package for the Textron Model 650**

Updated 11/08/2018      Revision 0 Draft X      Comments due 11/19/2018

*Draft Master Minimum Equipment List*

**MMEL: Gulfstream Aerospace IA-Galaxy/G-200**

Updated 11/15/2018      Revision 6 Draft X      Comments due 12/13/2018

**MMEL: Billings Flying Service, Inc. (BFS) CH-47D (R0011DE)**

Updated 11/15/2018      Revision 0 Draft X      Comments due 12/14/2018

**MMEL: Textron Aviation Model 500 Series Citation, 500/501, 550/S550/551, 560**

Updated 11/15/2018      Revision 10a Draft X      Comments due 12/17/2018

**November 19, 2018**

*FAA Final rules*

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

Published 11/19/2018      Docket #: FAA-2018-0586      Effective date 11/23/2018

The FAA is correcting an airworthiness directive (AD) that published in the Federal Register. That AD

applies to certain Bombardier, Inc., Model DHC-8-300 series airplanes. As published, a service information citation is incorrect. This document corrects the error. In all other respects, the original document remains the same.

#### *FAA Proposed Rules*

##### **NPRM AD: Pratt & Whitney Division Turbofan Engines\*\*\***

Published 11/19/2018                      Docket #: FAA-2018-0920                      Comments due 01/03/2019

The FAA proposes to supersede Airworthiness Directive (AD) 2016-22-05, which applies to certain Pratt & Whitney Division (PW) PW4164, PW4164-1D, PW4168, PW4168-1D, PW4168A, PW4168A-1D, and PW4170 turbofan engines. AD 2016-22-05 requires initial and repetitive inspections of the affected fuel nozzles and their replacement with parts eligible for installation. Since we issued AD 2016-22-05, PW introduced newly forged fuel nozzles, fuel manifold brackets, and clamps. This proposed AD would require initial and repetitive inspections of the affected fuel nozzles and fuel nozzle supply manifold assemblies, replacement of the affected fuel nozzles with parts eligible for installation, and the installation of new brackets and clamps on the fuel supply manifold assemblies with parts eligible for installation.

##### **NPRM AD: The Boeing Company Airplanes\*\*\***

Published 11/19/2018                      Docket #: FAA-2018-0961                      Comments due 01/03/2019

WeThe 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 indicating that the pitot heat switch is not always set to ON, which could result in misleading air data. This proposed AD would require replacement of pitot anti-icing system components, installation of a junction box and wiring provisions, repetitive testing of the anti-icing system, and applicable on-condition actions.

##### **NPRM AD: Airbus Helicopters Deutschland GmbH Helicopters\*\*\***

Published 11/19/2018                      Docket #: FAA-2018-0980                      Comments due 01/18/2019

The FAA proposes to adopt a new airworthiness directive (AD) for Airbus Helicopters Deutschland GmbH (Airbus Helicopters) Model MBB-BK 117 C-2 helicopters. This proposed AD would require establishing or reducing the life limit of various parts. This proposed AD is prompted by recalculations. The actions of this proposed AD are intended to address an unsafe condition on these products.

##### **NPRM AD: Pratt & Whitney Division (PW) Turbofan Engines\*\*\***

Published 11/19/2018                      Docket #: FAA-2018-0924                      Comments due 01/03/2019

The FAA proposes to adopt a new airworthiness directive (AD) for certain Pratt & Whitney Division (PW) PW4158 turbofan engines. This proposed AD was prompted by several reports of high cycle fatigue (HCF) cracks found in the fuel nozzle supply manifold. This proposed AD would require replacement of the affected fuel nozzles and fuel nozzle manifold supply assemblies with parts eligible for installation. This proposed AD would also require installation of new brackets and clamps on the fuel supply manifold assemblies.

#### **FAA Guidance Documents and Notices**

##### *Notices*

**Notice: Office of Commercial Space Transportation: Notice of Availability of the Final Environmental Assessment and Finding of No Significant Impact/Record of Decision for the Shuttle Landing Facility Launch Site Operator License**

Published 11/19/2018 Document #: 2018-25186

In accordance with the National Environmental Policy Act of 1969, as amended (NEPA), Council on Environmental Quality NEPA implementing regulations, and Federal Aviation Administration (FAA) Order 1050.1F, Environmental Impacts: Policies and Procedures, the FAA is announcing the availability of the Final Environmental Assessment and Finding of No Significant Impact/Record of Decision for the Shuttle Landing Facility (SLF) Launch Site Operator License (Final EA and FONSI/ROD).

**November 16, 2018**

*FAA Final rules*

**AD: Airbus Helicopters Deutschland GmbH (Previously Eurocopter Deutschland GmbH) Helicopters\*\*\***

Published 11/16/2018 Docket #: FAA-2013-0446 Effective date 12/21/2018

The FAA is revising Airworthiness Directive (AD) 2013-21-05 for Eurocopter Deutschland GmbH (now Airbus Helicopters Deutschland GmbH) (Airbus Helicopters) Model EC135 P1, P2, P2+, T1, T2, and T2+ helicopters. AD 2013-21-05 required an initial and repetitive inspections of certain bearings and modifying the floor and a rod. Since we issued AD 2013-21-05, we have determined that modifying the floor and rod removes the unsafe condition. This AD retains the requirements of AD 2013-21-05 but removes the repetitive inspections. The actions of this AD are intended to prevent an unsafe condition on these products.

**FAA Guidance Documents and Notices**

*FAA Draft Advisory Circulars*

**AC: Guidance on Testing and Installation of Rechargeable Lithium Battery and Battery Systems on Aircraft**

Issued 11/14/2018 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 11/14/2018 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 11/14/2018

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 11/14/2018

Document #: AC 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. The guidance is applicable to Title 14 of the Code of Federal Regulations, parts 23, 25, 27, and 29 aircraft. For forward-looking windshear and/or turbulence detection capability, the guidance in this AC applies to parts 25 and 23 fixedwing airplane installations.

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

Issued 11/14/2018

Document #: AC 20-191

Comment date 01/18/2019

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: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Recording of Aircraft Conveyances and Security Documents**

Published 11/16/2018

Document #: 2018-25009

Comments due 12/17/2018

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 October 9, 2018. 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.

**Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Operating Requirements: Domestic, Flag and Supplemental Operations**

Published 11/16/2018

Document #: 2018-25036

Comments due 12/17/2018

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 information collected is used to determine air operators' compliance with the minimum safety standards and the applicants' eligibility for air operations certification.

**Notice: [Notice of Intent To Rule on Request To Release Airport Property](#)**

Published 11/16/2018                      Document #: 2018-24875                      Comments due 12/17/2018

The FAA proposes to rule and invites public comment on the release of land at the St. Louis Lambert International Airport, St. Louis, Missouri, under the provisions of 49 U.S.C. 47107(h)(2).

*Draft Technical Standards Orders*

**TSO: [Airborne Weather Radar Equipment](#)**

Updated 11/14/2018                      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: [Anticollision Light Maintenance Program](#)**

Updated 11/16/2016      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.

**AC: [Flightcrew Member Certificate Verification Plan](#)**

Updated 11/16/2016      Reference #: Title 14 Part 61-135                      Comments due 11/29/2018

. This AC provides information to Title 14 of the Code of Federal Regulations (14 CFR) fractional ownership program managers operating under 14 CFR part 91 subpart K (part 91K) and 14 CFR part 119 certificate holders operating under 14 CFR parts 121 and 135, seeking approval of Operations Specification (OpSpec)/Management Specification (MSpec) A063, Flightcrew Member Certificate Verification Plan. An approved certificate verification plan allows part 91K program managers and part 119 certificate holders operating under parts 121 and 135 to provide a temporary verification document to flightcrew members whose airman or medical certificates have been lost, stolen, or destroyed, or are otherwise missing.

*Draft Flight Standardization Board/Operational Suitability Report*

**FSB: [Airbus A320](#)**

Updated 11/08/2018                      Revision 6 Draft X                      Comments due 11/23/2018

**FSB: [Airbus A330](#)**

Updated 11/08/2018                      Revision 6 Draft X                      Comments due 11/23/2018

**FSB: Airbus A350**

Updated 11/08/2018

Revision 1 Draft X

Comments due 11/23/2018

**OSR: Draft Operational Suitability Report for Universal Avionics Systems Corporation InSight EFI 1040P Avionics package for the Textron Model 650**

Updated 11/08/2018

Revision 0 Draft X

Comments due 11/19/2018

*Draft Master Minimum Equipment List*

**MMEL: Gulfstream Aerospace IA-Galaxy/G-200**

Updated 11/15/2018

Revision 6 Draft X

Comments due 12/13/2018

**MMEL: Billings Flying Service, Inc. (BFS) CH-47D (R0011DE)**

Updated 11/15/2018

Revision 0 Draft X

Comments due 12/14/2018

**MMEL: Textron Aviation Model 500 Series Citation, 500/501, 550/S550/551, 560**

Updated 11/15/2018

Revision 10a Draft X

Comments due 12/17/2018

**November 19, 2018**

*FAA Final rules*

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

Published 11/19/2018

Docket #: FAA-2018-0586

Effective date 11/23/2018

The FAA is correcting an airworthiness directive (AD) that published in the Federal Register. That AD applies to certain Bombardier, Inc., Model DHC-8-300 series airplanes. As published, a service information citation is incorrect. This document corrects the error. In all other respects, the original document remains the same.

*FAA Proposed Rules*

**NPRM AD: Pratt & Whitney Division Turbofan Engines\*\*\***

Published 11/19/2018

Docket #: FAA-2018-0920

Comments due 01/03/2019

The FAA proposes to supersede Airworthiness Directive (AD) 2016-22-05, which applies to certain Pratt & Whitney Division (PW) PW4164, PW4164-1D, PW4168, PW4168-1D, PW4168A, PW4168A-1D, and PW4170 turbofan engines. AD 2016-22-05 requires initial and repetitive inspections of the affected fuel nozzles and their replacement with parts eligible for installation. Since we issued AD 2016-22-05, PW introduced newly forged fuel nozzles, fuel manifold brackets, and clamps. This proposed AD would require initial and repetitive inspections of the affected fuel nozzles and fuel nozzle supply manifold assemblies, replacement of the affected fuel nozzles with parts eligible for installation, and the installation of new brackets and clamps on the fuel supply manifold assemblies with parts eligible for installation.

**NPRM AD: The Boeing Company Airplanes\*\*\***

Published 11/19/2018

Docket #: FAA-2018-0961

Comments due 01/03/2019

WeThe 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 indicating that the pitot heat switch is not always set to ON, which could result in misleading air data. This proposed AD would require replacement of pitot anti-icing system components, installation of a junction box and wiring provisions, repetitive testing of the anti-icing system, and applicable on-condition actions.

**NPRM AD: Airbus Helicopters Deutschland GmbH Helicopters\*\*\***

Published 11/19/2018                      Docket #: FAA-2018-0980                      Comments due 01/18/2019  
The FAA proposes to adopt a new airworthiness directive (AD) for Airbus Helicopters Deutschland GmbH (Airbus Helicopters) Model MBB-BK 117 C-2 helicopters. This proposed AD would require establishing or reducing the life limit of various parts. This proposed AD is prompted by recalculations. The actions of this proposed AD are intended to address an unsafe condition on these products.

**NPRM AD: Pratt & Whitney Division (PW) Turbofan Engines\*\*\***

Published 11/19/2018                      Docket #: FAA-2018-0924                      Comments due 01/03/2019  
The FAA proposes to adopt a new airworthiness directive (AD) for certain Pratt & Whitney Division (PW) PW4158 turbofan engines. This proposed AD was prompted by several reports of high cycle fatigue (HCF) cracks found in the fuel nozzle supply manifold. This proposed AD would require replacement of the affected fuel nozzles and fuel nozzle manifold supply assemblies with parts eligible for installation. This proposed AD would also require installation of new brackets and clamps on the fuel supply manifold assemblies.

**FAA Guidance Documents and Notices**

*Notices*

**Notice: Office of Commercial Space Transportation: Notice of Availability of the Final Environmental Assessment and Finding of No Significant Impact/Record of Decision for the Shuttle Landing Facility Launch Site Operator License**

Published 11/19/2018                      Document #: 2018-25186  
In accordance with the National Environmental Policy Act of 1969, as amended (NEPA), Council on Environmental Quality NEPA implementing regulations, and Federal Aviation Administration (FAA) Order 1050.1F, Environmental Impacts: Policies and Procedures, the FAA is announcing the availability of the Final Environmental Assessment and Finding of No Significant Impact/Record of Decision for the Shuttle Landing Facility (SLF) Launch Site Operator License (Final EA and FONSI/ROD).

**November 20, 2018**

*FAA Final rules*

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

Published 11/20/2018                      Docket #: 31223                      Effective date 11/20/2018  
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: [Revocation of Class D and E Airspace; Fort Sill; and Amendment of Class D and E Airspace; Lawton, OK](#)**

Published 11/20/2018                      Docket #: FAA-2018-0246                      Effective date 02/28/2019

This action removes Class D airspace, Class E airspace designated as a surface area, and Class E airspace designated as an extension to a Class D and Class E airspace at Henry Post Army Air Field (AAF), Fort Sill, OK; amends Class D airspace and Class E airspace designated as a surface area at Lawton-Fort Sill Regional Airport, Lawton, OK; and amends Class E airspace extending upward from 700 feet above the surface at Lawton-Fort Sill Regional Airport and Henry Post AAF. This action is due to the closure of the air traffic control tower (ATCT) at Henry Post AAF. The name of Lawton-Fort Sill Regional Airport and the geographic coordinates of Henry Post AAF are also being updated to coincide with the FAA's aeronautical database, and the outdated term "Airport/Facility Directory" is replaced with the term "Chart Supplement."

**Final Rule: [Amendment of Class E Airspace; Jacksonville, IL](#)**

Published 11/20/2018                      Docket #: FAA-2018-0684                      Effective date 02/28/2019

This action amends Class E airspace extending upward from 700 feet above the surface at Jacksonville Municipal Airport, Jacksonville, IL. This action is the result of an airspace review caused by the decommissioning of the Jacksonville 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. The geographic coordinates for the airport are also updated to coincide with the FAA's aeronautic database. This action is necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

**Final Rule: [Amendment of Class E Airspace; Lapeer, MI](#)**

Published 11/20/2018                      Docket #: FAA-2018-0683                      Effective date 02/28/2019

This action modifies Class E airspace extending upward from 700 feet above the surface at Dupont-Lapeer Airport, Lapeer, MI. This action is the result of an airspace review caused by the decommissioning of the Pontiac 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 is necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

**Final Rule: [Amendment of Class E Airspace; Hillsdale, MI](#)**

Published 11/20/2018                      Docket #: FAA-2018-0500                      Effective date 02/28/2019

This action modifies Class E airspace extending upward from 700 feet above the surface at Hillsdale Municipal Airport, Hillsdale, MI, due to the decommissioning of the Jackson and Litchfield VHF omnidirectional range (VOR) navigation aids, which provided navigation information for the instrument procedures at this airport, as part of the VOR Minimum Operational Network (MON) Program. The geographic coordinates of this airport are also updated to coincide with the FAA's aeronautical database.

**Final Rule: [Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments](#)**

Published 11/20/2018                      Docket #: 31222                      Effective date 11/20/2018

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 Guidance Documents and Notices**

### *FAA Legal Interpretations*

#### **Legal Interpretation: [Part 117 Definition of "duty" and Activities during Commuting](#)**

Issued 11/19/2018

Regulation/Order #: 14 CFR part 117

This legal interpretation responds to a question asking for clarification of the July 3, 2018 DeLancie letter.<sup>1</sup> Mr. DeLancie wrote to the FAA requesting interpretation of the 14 DFR part 117 definition of "duty" in the context of an air carrier requiring an employee to perform certain activities while commuting in exchange for commuting privileges, including "providing aircraft janitorial services, cleaning aircraft toilets, assisting with cabin baggage loading, or preparing the cabin for another flight". Mr. DeLancie's concern was that such practices circumvented the FAA's definition of "duty" and were "an instrument of coercion into involuntary work since most airline pilots rely on non-revenue privileges in order to report to their domicile for flight duty."

#### **Legal Interpretation: [On-call Standby for Part 135 On-Demand Charter Operations](#)**

Issued 11/20/2018

Regulation/Order #: Part 135 § 135.267(b)

This legal interpretation responds to a request for an interpretation concerning oncall standby for part 135 unscheduled, on-demand charter operations. You indicate that Premier Air is an on-demand charter operator which relies heavily on the ability to accept last-minute flights.

### *Flight Standards Service Information for Operators (InFO)*

#### **InFO: [Master Minimum Equipment List \(MMEL\)/Minimum Equipment List \(MEL\) Relief for Items Installed Through a Supplemental Type Certificate \(STC\)](#).**

Issued 11/14/2018

InFO #: 18012

This InFO serves to provide information and guidance to air carriers and operators on the process for obtaining MMEL/MEL relief for items installed via STC.

### *Flight Standards Information Management System (FSIMS)*

#### **FSIMS: [Bell Helicopter Textron Canada Limited 206, 206A, 206A-1\(OH-58A\), 206B, 206B-1, 206L, 206L-1, 206L-3, 206L-4, 407 \(H2SW\)](#)**

Issued 11/19/2018

Revision 6 of the Bell Helicopter Textron Canada Limited (206, 206A, 206A-1(OH-58A), 206B, 206B-1, 206L, 206L-1, 206L-3, 206L-4, 407 (H2SW)) Master Minimum Equipment List.

### *Notices*

**Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Flight and Duty Limitations and Rest Requirements- Flightcrew Members**

Published 11/20/2018 Document #: 2018-25305 Comments due 12/20/2018

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 July 31, 2018. The collection involves reporting exceeded flight duty periods and flight times, including scheduled maximum and actual flight duty periods and flight times, basic flight information (e.g., city pairs, departure times, flight number), and reason for exceedance.

**Notice: ICMS Locations Must Reset RCSUs Which Have Rev J Firmware**

Published 11/05/2018 Document #: N JO 6750.187

This notice requires all Integrated Control and Monitoring System (ICMS) locations which interface to MK-20 and MK-20A FA-10590 Remote Control Status Units (RCSUs) with Revision J EPROM (firmware version 1.44) to reset the RCSUs every six months. This document's content can only be accessed from within the FAA network.

**November 21, 2018**

*FAA Final rules*

**Final Rule: Amendment of Class E Airspace, Mountain City, TN; and Establishment of Class E Airspace; Elizabethton, TN**

Published 11/21/2018 Docket #: FAA-2018-0745 Effective date 01/03/2019

This action amends Class E airspace extending upward from 700 feet above the surface in Mountain City, TN, to accommodate new area navigation (RNAV) global positioning system (GPS) standard instrument approach procedures serving Johnson County Airport. In addition, Class E airspace extending upward from 700 feet above the surface is established in Elizabethton, TN, to accommodate area navigation (RNAV) global positioning system (GPS) standard instrument approach procedures at Elizabethton Municipal Airport. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at these airports.

**Final Rule: Amendment of Class D Airspace and Establishment of Class E Airspace; Tyndall AFB, FL**

Published 11/21/2018 Docket #: FAA-2018-0741 Effective date 01/03/2019

This action establishes Class E surface airspace at Tyndall Air Force Base, (AFB), FL, for the safety of aircraft landing and departing the airport when the air traffic control tower is closed. Also, this action amends Class D airspace by updating the geographic coordinates of this airport, as well as replacing the outdated term "Airport/Facility Directory" with "Chart Supplement". Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

*FAA Special Conditions*

**SC: Garmin International, Textron Aviation Inc. Model 560XL; Airplane Electronic-System Security Protection From Unauthorized Internal Access**

Published 11/21/2018                      Docket #: FAA-2018-0782                      Effective date 11/21/2018

These special conditions are issued for the Textron Aviation Inc. (Textron) Model 560XL, formerly known as, prior to July 29, 2015, the Cessna Model 560XL. This airplane, as modified by Garmin International (Garmin), will have a novel or unusual design feature when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. This design feature is Garmin G5000 avionics that allow internal connection to previously isolated data networks, which are connected to systems that perform functions required for the safe operation of the airplane. 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: [Garmin International, Textron Aviation Inc. Model 560XL; Airplane Electronic-System Security Protection From Unauthorized External Access](#)**

Published 11/21/2018                      Docket #: FAA-2018-0781                      Comments due 11/21/2018

These special conditions are issued for the Textron Aviation (Textron) Model 560XL, formerly known as, prior to July 29, 2015, the Cessna Model 560XL. This airplane, as modified by Garmin International (Garmin), will have a novel or unusual design feature when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. This design feature is Garmin G5000 avionics that allow external connection to previously isolated data networks, which are connected to systems that perform functions required for the safe operation of the airplane.

**FAA Guidance Documents and Notices**

*Notices*

**Notice: [Petition for Exemption; Summary of Petition Received; Delta Air Lines, Inc.](#)**

Published 11/21/2018                      Document #: 2018-25364                      Comments due 12/11/2018

Delta is seeking relief from 14 CFR 121.310(b)(2)(ii), which requires passenger emergency exit markings to be manufactured to meet the interior emergency exit marking requirements under which the airplane was type certificated. Specifically, Delta is proposing the use of graphical/symbolic exit signs rather than the conventional, red text-based signs on its Boeing Model 767-400ER series airplanes.

**Notice: [Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Report of Inspections Required by Airworthiness Directives](#)**

Published 11/21/2018                      Document #: 2018-25359                      Comments due 12/21/2018

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 September 19, 2018. Airworthiness Directives are regulations issued to require corrective action to resolve an unsafe condition in aircraft, engines, propellers, and appliances. Reports of inspections are often needed when emergency corrective action is taken to determine if the action was adequate to correct the unsafe condition. The respondents are aircraft owners and operators.

**Notice: [Agency Information Collection Activities: Requests for Comments; Clearance of Renewed](#)**

### **Approval of Information Collection: Pilot Certification and Qualification Requirements for Air Carrier Operations**

Published 11/21/2018 Document #: 2018-25360 Comments due 12/21/2018

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 July 31, 2018. The collection involves FAA review of Airline Transport Pilot (ATP) Certification Training Program (CTP) submittals to determine that the program complies with the applicable requirements. It also involves FAA review of an institution of higher education's application for the authority to certify its graduates meet the minimum regulatory requirements.

### **Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Certification of Airports**

Published 11/21/2018 Document #: 2018-25361 Comments due 12/21/2018

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 July 31, 2018. The collection involves FAA Form 5280-1, Application for Airport Operating Certificate. Every airport that wants to become a certificated airport must complete this form, as well as provide a draft Airport Certification Manual (ACM). In addition, currently certificated airports must maintain their ACM, as well as keep and maintain records related to training, self-inspection, and other requirements.

### **November 26, 2018**

#### *FAA Final rules*

#### **AD: The Boeing Company Airplanes\*\*\***

Published 11/26/2018 Docket #: FAA-2018-0582 Effective date 11/26/2018

The FAA is removing Airworthiness Directive (AD) 93-14-19, which applied to certain The Boeing Company Model 767-200 and -300 series airplanes. AD 93-14-19 required inspections for disbonding of the trailing edge wedge of the leading edge slat; and repair, if necessary. We issued AD 93-14-19 to prevent the loss of a trailing edge wedge, which could result in reduced maneuver margins, reduced speed margins to stall, and unexpected roll before stall warning, all of which would adversely affect the controllability of the airplane. Since we issued AD 93-14-19, an updated stability and control analysis showed that the worst-case scenario of a trailing edge wedge disbond in-flight would not adversely affect the controllability of the airplane. Accordingly, AD 93-14-19 is removed.

#### **Final Rule: Amendment of Class E Airspace; Madison, MN**

Published 11/26/2018 Docket #: FAA-2018-0194 Effective date 02/28/2019

This action modifies Class E airspace extending up to 700 feet above the surface at Lac Qui Parle County Airport, Madison, MN, to accommodate new standard instrument approach procedures for instrument flight rules (IFR) operations at the airport. The FAA is taking this action due to the decommissioning of the Madison non-directional radio beacon (NDB) and cancellation of the associated approach. This enhances the safety and management of IFR operations at the airport.



**Final Rule: Establishment of Class E Airspace, and Amendment of Class D Airspace and Class E Airspace; Dothan, AL**

Published 11/26/2018                      Docket #: FAA-2018-0744                      Effective date 01/03/2019

This action establishes Class E surface airspace at Dothan Regional Airport, Dothan, AL. The Class E surface airspace is established for the safety of aircraft landing and departing the airport when the air traffic control tower is closed. Also, this action amends Class D airspace by updating the airport's name and geographic coordinates, as well as replacing the outdated term 'Airport/Facility Directory' with 'Chart Supplement'. Additionally, the geographic coordinates of the airport and Wiregrass VORTAC are adjusted in the associated Class E airspace to match the FAA's aeronautical database; as well as removing the part-time status of the airspace for Class E airspace designated as an extension to a Class D surface area. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at this airport.

*FAA Proposed Rules*

**NPRM AD: MD Helicopters Inc. (MDHI) Helicopters\*\*\***

Published 11/26/2018                      Docket #: FAA-2018-0991                      Comments due 01/25/2019

The FAA proposes to adopt a new airworthiness directive (AD) for MDHI Model 369A, 369D, 369E, 369FF, 369H, 369HE, 369HM, 369HS, 500N, and 600N helicopters. This proposed AD would require inspecting each main rotor blade (MRB) for a crack. This proposed AD is prompted by reports of cracked MRBs. The actions of this proposed AD are intended to address an unsafe condition on these helicopters.

**NPRM AD: Saab AB, Saab Aeronautics (Formerly Known as Saab AB, Saab Aerosystems) Airplanes\*\*\***

Published 11/26/2018                      Docket #: FAA-2018-0964                      Comments due 01/10/2019

The FAA proposes to adopt a new airworthiness directive (AD) for all Saab AB, Saab Aeronautics Model SAAB 2000 airplanes. This proposed AD was prompted by reports that certain fuel probes indicated misleading fuel quantities on the engine indicating and crew alerting system (EICAS). This proposed AD would require a functional check of certain fuel probes, and replacement with a serviceable part if necessary.

**NPRM: Proposed Expansion of R-3803 Restricted Area Complex; Fort Polk, LA**

Published 11/26/2018                      Docket #: FAA-2018-0984                      Comments due 01/10/2019

This action proposes to expand the R-3803 restricted area complex in central Louisiana by establishing four new restricted areas, R-3803C, R-3803D, R-3803E, and R-3803F, and make minor technical amendments to the existing R-3803A and R-3803B legal descriptions for improved operational efficiency and administrative standardization. The proposed restricted area establishments and amendments support U.S. Army Joint Readiness Training Center training requirements at Fort Polk for military units preparing for overseas deployment.

**NPRM: Proposed Amendment of Class E Airspace; Carrizo Springs, TX**

Published 11/26/2018                      Docket #: FAA-2018-0940                      Comments due 01/10/2019

This action proposes to amend the Class E airspace extending upward from 700 feet above the surface at Dimmit County Airport, Carrizo Springs, TX. The FAA is proposing this action as a result of the decommissioning of the Dimmit non-directional beacon (NDB). The geographic coordinates of the airport would also be updated to coincide with the FAA's aeronautical database.

**NPRM: Proposed Amendment of Class D Airspace and Class E Airspace; Schenectady, NY, Ithaca, NY, and Albany, NY**

Published 11/26/2018                      Docket #: FAA-2018-0256                      Comments due 01/10/2019

This action proposes to amend Class D airspace, Class E airspace designated as an extension to a Class D surface area, and Class E airspace extending upward from 700 feet or more above the surface at Schenectady County Airport, Schenectady, NY, and Albany, NY by updating the geographic coordinates of this airport, Saratoga County Airport, Hunter NDB, and Cambridge VORTAC. Controlled airspace is necessary for the safety and management of instrument flight rules (IFR) operations at this airport. This action also would replace the outdated term Airport/Facility Directory with the term Chart Supplement in the legal descriptions of associated Class D and E airspace of Schenectady County Airport, Schenectady, NY, and Ithaca Tompkins Regional Airport, Ithaca, NY.

**FAA Guidance Documents and Notices**

*FAA Legal Interpretations*

**Legal Interpretation: Richards-Dynamic Aviation-Helicopters**

Issued 11/20/2018                      Regulation/Order #: 14 C.F.R.  
§ 119.1 (e)( 4)

This legal interpretation responds to a request for legal interpretation of 14 C.F.R. § 119.1 (e)( 4) regarding aerial work operations, and, in particular, whether wild cow and wild horse chasing are aerial work operations as intended by the regulation.

*Special Airworthiness Information Bulletins (SAIB)*

**SAIB: NAVIGATION, ATTITUDE, AND DIRECTION DATA SYSTEM**

Issued 11/21/2018                      SAIB #: SW-18-31

This Special Airworthiness Information Bulletin (SAIB) informs registered owners/operators of an airworthiness concern for aircraft with an Aspen Avionics, Inc. (Aspen), Evolution EFD1000 Primary Flight Display (PFD), an EFD1000 Multi-Function Display (MFD), and/or an EFD500 MFD unit as installed by Supplementary Type Certificate (STC) No. SA10822SC.

*Flight Standards Information Management System (FSIMS)*

**FSIMS: Embraer**

Issued 11/23/2018

Revision 16 of the Embraer (ERJ-170-100/200, ERJ-190-100/200/300, ERJ-190-100 ECJ Commercial Designations: EMBRAER 170, EMBRAER 175, EMBRAER 190, EMBRAER 195, EMBRAER 190 E2, LINEAGE 1000) Master Minimum Equipment List.

*Orders*

**Order: Air Traffic Organization Aircraft Accident and Aircraft Incident Notification, Investigation, and Reporting**

Issued 12/14/2018                      Document #: JO 8020.16C                      Effective date 12/14/2018

This order prescribes Federal Aviation Administration (FAA) Air Traffic Organization (ATO) procedures and responsibilities for aircraft accident and aircraft incident notification, investigation,

and reporting. It provides direction and guidance to ATO service units, service centers, service areas, offices, and facilities when they are called upon to perform aircraft accident investigations. All concerned personnel must familiarize themselves with the provisions of this order that pertain to their responsibilities and exercise their best judgment if they encounter situations not covered by the order. This order cancels FAA Order JO 8020.16B, dated December 31, 2014.

#### Notices

**Notice: [Public Notice for Intent To Release Airport Property](#)**

Published 11/26/2018                      Document #: 2018-25577                      Comments due 12/26/2018  
The FAA proposes to rule and invites public comment on the release of land at the Palmer Municipal Airport, Palmer, Alaska.

**Notice: [Notice of Intent of Waiver With Respect to Land; Indianapolis International Airport, Indianapolis, Indiana](#)**

Published 11/26/2018                      Document #: 2018-25578                      Comments due 12/26/2018  
The FAA is considering a proposal to change 131.227 acres of airport land from aeronautical use to non-aeronautical use and to authorize the sale of airport property located at Indianapolis International Airport, Indianapolis, Indiana. The aforementioned land is not needed for aeronautical use.

**Notice: [Foreign ICAO 3LD Additions, Deletions, and Modifications \(excluding U.S.\)](#)**

Effective date 11/19/2018                      Document #: N JO 7340.495                      Cancellation date 11/19/2019  
This notice modifies FAA Order JO 7340.2, Contractions, Chapter 3, Sections 1, 2, and 3, ICAO 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. This Notice supplements FAA Order JO 7340.2 until the additions and modifications are incorporated into the Order.

**Notice: [U.S. SPECIAL CALL SIGN DESIGNATOR "KSTRL" AND ASSOCIATED TELEPHONY "KESTREL"](#)**

Published 11/19/2018                      Document #: JO 7340.496                      Effective date 01/01/2019  
Additions to FAA Order 7340.2, Contractions, Chapter 3, Section 4, U.S. Special Designators and Telephonies have been approve.

#### *Draft Flight Standardization Board/Operational Suitability Report*

**FSB: [Gulfstream GVII](#)**

Updated 11/23/2018                      Revision 1 Draft X                      Comments due 12/24/2018

**FSB: [Gulfstream GIV-X, GV, GV-SP](#)**

Updated 11/23/2018                      Revision 13 Draft X                      Comments due 12/24/2018

**FSB: [Gulfstream GVI](#)**

Updated 11/23/2018                      Revision 7 Draft X                      Comments due 12/24/2018

#### *Draft Master Minimum Equipment List*

**MMEL: B737 MAX**

Updated 11/21/2018

Revision 2 Draft X

Comments due 12/24/2018

**November 27, 2018**

*FAA Final rules*

**AD: Airbus SAS Airplanes\*\*\***

Published 11/27/2018

Docket #: FAA-2018-0639

Effective date 01/02/2019

The FAA is adopting a new airworthiness directive (AD) for certain Airbus SAS Model A330-200 Freighter, A330-200, and A330-300 series airplanes. This AD was prompted by a revision of a certain airworthiness limitations item (ALI) document, which specifies new or more restrictive maintenance instructions and airworthiness limitations, and a determination that those maintenance instructions and airworthiness limitations are necessary. This AD requires revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive maintenance instructions and airworthiness limitations.

**AD: Airbus SAS Airplanes\*\*\***

Published 11/27/2018

Docket #: FAA-2018-0759

Effective date 01/02/2019

The FAA is adopting a new airworthiness directive (AD) for certain Airbus SAS Model A330-200 series airplanes; Model A330-200 Freighter series airplanes; and Model A330-300 series airplanes. This AD was prompted by revisions to certain airworthiness limitation item (ALI) documents, which specify more restrictive instructions and/or airworthiness limitations. This AD requires revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive instructions and/or airworthiness limitation requirements.

**AD: Hoffmann GmbH & Co. KG Propellers\*\*\***

Published 11/27/2018

Docket #: FAA-2018-0975

Effective date 12/12/2018

The FAA is revising airworthiness directive (AD) 2018-20-03 for certain Hoffmann GmbH & Co. KG (Hoffmann) model HO-V 62 propellers. AD 2018-20-03 required removal of the affected propeller blades and installation of modified propeller blades marked with a change letter "A" or "B" suffix. This AD requires the removal and replacement of the affected propeller blades and installation of modified propeller blades marked with a change letter "A" or "B" suffix. This AD was prompted by a determination that the applicability and installation prohibition paragraphs of AD 2018-20-03 were incorrect. We inadvertently included all Hoffmann model HO-V 62 propeller blades that did not have a change letter "A" or "B" suffix added to the serial number (S/N) and marked on the blade in the applicability and installation prohibition paragraphs of AD 2018-20-03. Only Hoffmann model HO-V 62 propellers with certain S/Ns without a change letter "A" or "B" suffix are affected.

**AD: Fokker Services B.V. Airplanes\*\*\***

Published 11/27/2018

Docket #: FAA-2018-0707

Effective date 01/02/2019

The FAA is adopting a new airworthiness directive (AD) for all Fokker Services B.V. Model F28 airplanes. This AD was prompted by reports that filters, which are integral to certain T-unions in the landing gear hydraulic control system, disconnected from their housing and, in some cases, migrated. This AD requires replacing certain T-unions with an integral filter with T-unions without an integral filter.

**AD: Dassault Aviation Airplanes\*\*\***

Published 11/27/2018                      Docket #: FAA-2018-0760                      Effective date 01/02/2019

We are adopting a new airworthiness directive (AD) for certain Dassault Aviation Model MYSTERE-FALCON 50, MYSTERE-FALCON 900, and FALCON 900EX airplanes. This AD was prompted by reports of cracked reinforcing straps (doublers) on the ailerons of airplanes equipped with blended winglets. This AD requires repetitive detailed inspections for cracking of the upper and lower reinforcing straps on the ailerons, and replacement if necessary.

**AD: The Boeing Company Airplanes\*\*\***

Published 11/27/2018                      Docket #: FAA-2018-0489                      Effective date 01/02/2019

We are adopting a new airworthiness directive (AD) for all The Boeing Company Model 747-8 and 747-8F series airplanes. This AD was prompted by a report that flightcrew oxygen masks did not function as designed during flight testing. This AD requires an inspection to determine if certain oxygen masks/regulators are installed, and replacement if necessary.

**Final Rule: Revisions to Civil Penalty Amounts**

Published 11/27/2018                      Document #: 2018-24930                      Effective date 11/27/2018

In accordance with the Federal Civil Penalties Inflation Adjustment Act Improvements Act of 2015, this final rule provides the 2018 inflation adjustment to civil penalty amounts that may be imposed for violations of certain DOT regulations. This rule also finalizes the National Highway Traffic Safety Administration's and the Office of the Secretary's catch-up inflation adjustment interim final rules required by the same Act.

*FAA Proposed Rules*

**NPRM: Proposed Amendment of E Airspace; Flippin, AR**

Published 11/27/2018                      Docket #: FAA-2018-0952                      Comments due 01/11/2019

This action proposes to amend Class E airspace extending upward from 700 feet above the surface at Marion County Regional Airport, Flippin, AR, and Baxter County Airport, Mountain Home, AR, which is contained within the Flippin, AR, airspace legal description. The FAA is proposing this action as the result of the decommissioning of the Flippin 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. The geographic coordinates of the Marion County Regional Airport and name of Baxter County Airport would also be updated to coincide with the FAA's aeronautical database.

**NPRM: Proposed Amendment of Air Traffic Service (ATS) Route T-333; Western United States**

Published 11/27/2018                      Docket #: FAA-2018-0986                      Comments due 01/11/2019

This action proposes to amend Area Navigation (RNAV) Route T-333 in the western United States. The modification is necessary due to the planned decommissioning of Priest, CA, VOR navigation aid (NAVAID), which provides navigation guidance for portions of affected ATS route V-485. The decommissioning has rendered portions of V-485 unusable and amending T-333 will overcome affected portions of V-485. The Priest, CA, VOR is being decommissioned as part of the FAA's VOR Minimum Operational Network (MON) program.

**NPRM: Proposed Amendment of Air Traffic Service (ATS) Route T-331; Western United States**

Published 11/27/2018                      Docket #: FAA-2018-0985                      Comments due 01/11/2019

This action proposes to amend Area Navigation (RNAV) Route T-331 in the western United States. The modification is necessary due to the planned decommissioning of Clovis, CA, VOR portion of

the VOR/Tactical Air Navigation (VORTAC) navigation aid (NAVAID), which provides navigation guidance for portions of affected ATS route V-23. The decommissioning has rendered portions of V-23 unusable and amending T-331 helps overcome affected portions of V-23. The Clovis, CA, VOR is being decommissioned as part of the FAA's VOR Minimum Operational Network (MON) program.

## **FAA Guidance Documents and Notices**

### *FAA Final Advisory Circulars*

#### **AC: Internal Evaluation Programs**

Issued 10/30/2018

Document #: AC 120-59B

This AC provides information and guidance to persons operating under Title 14 of the Code of Federal Regulations (14 CFR) who are designing, developing, and implementing an Internal Evaluation Program (IEP). The procedures and practices outlined in this AC can be applied to all operations.

### *FAA Legal Interpretations*

#### **Legal Interpretation: Airman's Obligation to Provide Medical Records**

Issued 10/26/2018

Regulation/Order #: 14 C.F.R. § 67.401

This memorandum responds to a request for a legal interpretation and addresses whether an airman 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.<sup>1</sup>

### *Flight Standards Information Management System (FSIMS)*

#### **FSIMS: Bombardier Global BD-5000/6000 Flight Operations Evaluation Board Meeting Announcement for December 17 thru 18**

Issued 11/23/2018

The Bombardier Global 5000/6000 Flight Operations Evaluation Board (FOEB) meeting will convene December 17, 2018 and December 18, 2018 at 0800, in the conference room located at the Transport Aircraft Long Beach, 3960 Paramount Blvd., Lakewood, CA. 90712-4137. The purpose of the meeting is to produce Revision 15 to the Bombardier Global 5000/6000 Master Minimum Equipment List (MMEL).

### *Orders*

#### **Order: Maintenance Of The Offshore Flight Data Processing System (OFDPS)**

Issued 11/26/2018

Document #: JO 6110.8G

This MTHB provides guidance and prescribes technical standards, tolerances, and procedures applicable to the maintenance and inspection of the OFDPS automation. It also provides information on special methods and techniques, which will enable maintenance personnel to achieve optimum performance from the equipment. This information augments information available in Technical Instruction Books (TIB) and other MTHBs, and complements the latest edition of Order 6000.15, General Maintenance Handbook for NAS Facilities. It does not cover associated plant, communications, or alternating current (ac) power equipment maintenance. This document's

content can only be accessed from within the FAA network.

**Order: Air Traffic Organization Aircraft Accident and Aircraft Incident Notification, Investigation, and Reporting**

Issued 12/14/2018

Document #: JO 8020.16C

Effective date 12/14/2018

This order prescribes Federal Aviation Administration (FAA) Air Traffic Organization (ATO) procedures and responsibilities for aircraft accident and aircraft incident notification, investigation, and reporting. It provides direction and guidance to ATO service units, service centers, service areas, offices, and facilities when they are called upon to perform aircraft accident investigations. All concerned personnel must familiarize themselves with the provisions of this order that pertain to their responsibilities and exercise their best judgment if they encounter situations not covered by the order.

**November 28, 2018**

*FAA Final Policies*

**Final Policy: Deviation to Federal Aviation Administration (FAA) Order 8000.372A, Unmanned Aircraft Systems (UAS) Designated Airworthiness Representatives (DAR) for UAS Certification at UAS Test Sites, for FAA managing specialist and designee applicant training requirements.**

Issued 11/27/2018

Policy #: AIR-600-18-6F0-DM04

This deviation changes the training requirements required by FAA Order 8000.372A for Manufacturing Aviation Safety Inspectors assigned to manage designees and for new DAR applicants seeking authorization to issue Special Airworthiness Certificates for UAS.

*Draft Flight Standardization Board/Operational Suitability Report*

**FSB: Airbus A320**

Updated 11/27/2018

Revision 6 Draft X

Comments due 12/10/2018

**FSB: Airbus A330**

Updated 11/27/2018

Revision 6 Draft X

Comments due 12/10/2018

**FSB: Airbus A350**

Updated 11/27/2018

Revision 1 Draft X

Comments due 12/10/2018

**FSB: Honda HA-420**

Updated 11/27/2018

Revision 2 Draft X

Comments due 12/13/2018

**November 29, 2018**

*FAA Proposed Rules*

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

Published 11/29/2018

Docket #: FAA-2018-0965

Comments due 01/14/2019

The FAA proposes to adopt a new airworthiness directive (AD) for certain Bombardier, Inc., Model BD-100-1A10 airplanes. This proposed AD was prompted by a report that certain split ball bearings used in main landing gear (MLG) side brace actuator assemblies are manufactured from material

that does not meet the required material properties. This proposed AD would require an inspection of the left and right MLG side brace actuator assembly and, if necessary, replacement of the split ball bearing.

## **FAA Guidance Documents and Notices**

### *Special Airworthiness Information Bulletins (SAIB)*

#### **SAIB: Engine Oil System (Airframe Furnished): Flapper Check Valve Failure**

Issued 11/28/2018

SAIB #: CE-18-32

This Special Airworthiness Information Bulletin is to alert owners, operators, and maintenance technicians of Textron Aviation Inc. (Textron) Model 208B airplanes of failure of the oil system “Valve – Flap Check” on serial numbers 208B2197 and 208B5000 and on. These airplanes are commonly referred to as “208B EX” or “EX” and incorporate the Textron PT6A-140 engine installation.

### *Notices*

#### **Notice: Petition for Exemption; Summary of Petition Received; Beverly Hills Aerials, LLC**

Published 11/29/2018

Document #: 2018-25977

Comments due 12/19/2018

The proposed exemption, if granted, would allow the operation of unmanned aircraft systems (UAS), greater than 55 pounds, under controlled conditions and in airspace that is limited, predetermined, and controlled as to access. The proposed operation is for aerial data collection, videography, photography, and inspection services.

#### **Notice: Petition for Exemption; Summary of Petition Received; Overwatch Aero, LLC**

Published 11/29/2018

Document #: 2018-25976

Comments due 12/19/2018

The proposed exemption, if granted, would allow the petitioner to operate commercial operational and training missions with the HQ-60 and HQ-90 unmanned aircraft systems, which weigh more than 55 pounds, beyond visual line of sight (BVLOS) and within visual line of sight (VLOS), for search and rescue and fire mapping support to first responders in the Bureau of Land Management-managed land near Nipomo, California, private property near Santa Ynez, California, or as prescribed in a Certificate of Authorization or Special Governmental Interest.

#### **Notice: ICAO THREE LETTER DESIGNATOR (3LD) “DWG” AND ASSOCIATED TELEPHONY “DARK WING”**

Published 11/27/2018

Document #: JO 7340.497

Additions to JO 7340.2 Contractions, Chapter 3, Sections 1, 2, and 3 have been approved for DWG (Dark Wing).

## **November 30, 2018**

### **U.S. FEDERAL REGISTER**

#### **Current Issue**

Review all current regulatory documents published to the U.S. Federal Register today (all agencies).

### **THE WHITE HOUSE**



## **Presidential Memoranda**

### **Delegation of Authority Under Section 614(a)(1) of the Foreign Assistance Act of 1961**

By the authority vested in me as President by the Constitution and the laws of the United States of America, including section 301 of title 3, United States Code, and subject to fulfilling the requirements of section 614(a)(3) of the Foreign Assistance Act of 1961 (FAA), I hereby delegate to you the authority under section 614(a)(1) of the FAA to determine whether it is important to the security interests of the United States to use up to \$1.3 million in International Military Education and Training (IMET) funds to furnish assistance to Thailand without regard to any other provision of law within the purview of section 614(a)(1) of the FAA.

### **Presidential Determination with Respect to the Efforts of Foreign Governments Regarding Trafficking in Persons**

As provided for in section 110(d)(1)(A)(i) of the Act, I determine that the United States will not provide nonhumanitarian, nontrade-related assistance to the Governments of Belarus, Belize, Bolivia, Burma, Burundi, China, Comoros, the Republic of the Congo (ROC), the Democratic Republic of the Congo (DRC), Equatorial Guinea, Gabon, Iran, Laos, Mauritania, Papua New Guinea (PNG), South Sudan, Turkmenistan, and Venezuela for Fiscal Year (FY) 2019 until such governments comply with the minimum standards or make significant efforts to bring themselves into compliance with the Act.

## **U.S. DEPARTMENT OF TRANSPORTATION (DOT)**

### **OIG Announcements**

#### **Review Initiated of FAA's Fiscal Year 2018 Drug Control Obligation and Performance Summary Reports**

The Office of Inspector General is initiating a review of the Federal Aviation Administration's (FAA) fiscal year 2018 Drug Control Obligation and Performance Summary reports. The Office of National Drug Control Policy's Accounting of Drug Control Funding and Performance Summary Circular requires agencies to submit annual drug control obligations and performance reports, and inspectors general to review these reports.

## **FEDERAL AVIATION ADMINISTRATION (FAA)**

### **Press releases**

#### **Federal Aviation Administration Announces Key Appointments for Executive Directors of Aircraft Certification and UAS Integration**

The U.S. Department of Transportation's Federal Aviation Administration (FAA) today announced Earl Lawrence's promotion to the Agency's Executive Director for Aircraft Certification. Lawrence was previously Executive Director for the FAA's Unmanned Aircraft Systems (UAS) Integration Office. He succeeds Dorenda Baker, who retired Nov. 30 after a distinguished aviation safety career.

### **FAA Regulations**

*FAA Final rules*

**AD: Leonardo S.p.A. (Type Certificate Previously Held by Finmeccanica S.p.A. and**

### **AgustaWestland S.p.A.) Helicopters\*\*\***

Published 11/30/2018                      Docket #: FAA-2017-1081                      Effective date 01/04/2019

The FAA is adopting a new airworthiness directive (AD) for Leonardo S.p.A. (Leonardo) Model AW189 helicopters. This AD requires replacing the tail plane lower fitting with an improved tail plane lower fitting. This AD was prompted by reports of cracks on the tail plane fittings of Model AW189 helicopters. The actions of this AD are intended to correct an unsafe condition on these products

### **AD: General Electric Company Turbofan Engines\*\*\***

Published 11/30/2018                      Docket #: FAA-2018-0633                      Effective date 01/04/2019

The FAA is adopting a new airworthiness directive (AD) for certain General Electric Company (GE) GEnx-2B67, -2B67B, and -2B67/P turbofan engines. This AD was prompted by low-cycle fatigue (LCF) cracking of the fuel manifold leading to an engine fire. This AD requires removal from service of certain fuel manifolds at the next engine shop visit and their replacement with parts eligible for installation.

### **AD: CFM International S.A. Turbofan Engines\*\*\***

Published 11/30/2018                      Docket #: FAA-2018-0869                      Effective date 12/17/2018

The FAA is adopting a new airworthiness directive (AD) for all CFM International S.A. (CFM) LEAP-1B21, LEAP-1B23, LEAP-1B25, LEAP-1B27, LEAP-1B28, LEAP-1B28B1, LEAP-1B28B2, LEAP-1B28B2C, LEAP-1B28B3, LEAP-1B28BBJ1, and LEAP-1B28BBJ2 turbofan engines with a certain high-pressure turbine (HPT) stator case (HPT cases) installed. This AD requires removal of affected HPT 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 HPT cases.

### **AD: Dassault Aviation Airplanes\*\*\***

Published 11/30/2018                      Docket #: FAA-2018-0642                      Effective date 01/04/2019

The FAA is adopting a new airworthiness directive (AD) for all Dassault Aviation Model Falcon 10 airplanes. This AD was prompted by a determination that new and more restrictive maintenance requirements and airworthiness limitations are necessary. This AD requires revising the existing maintenance or inspection program, as applicable, to incorporate new or 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 11/14/2018                      Document #: AC 20-191                      Comment date 01/18/2019

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).

### *Special Airworthiness Information Bulletins (SAIB)*

**SAIB: Engine Fuel and Control – Jet Fuel Aromatic Hydrocarbon Limits**

Issued 11/29/2018

SAIB #: HQ-18-30R1

This revised Special Airworthiness Information Bulletin (SAIB) advises airplane operators, fixed base operators (FBOs), FAA repair stations, Flight Standards District Offices (FSDOs), and foreign civil aviation authorities that jet fuel suppliers may be experiencing difficulties in conducting key fuel

property tests required for compliance with FAA approved jet fuel operating limitations.

*Orders*

**Order: Maintenance of the Flight Data Processor (FDP) System at Anchorage ARTCC**

Issued 11/28/2018

Document #: JO 6110.12B

This Maintenance Technical Handbook (MTHB) provides guidance and prescribes technical standards, tolerances, and procedures applicable to the maintenance and inspection of the Flight Data Processor (FDP) System (FDPS). It also provides information on special methods and techniques, which will enable maintenance personnel to achieve optimum performance from the equipment. This information augments information available in Technical Instruction Books (TIB) and other MTHBs, and complements the latest edition of Order 6000.15, General Maintenance Handbook for National Airspace System (NAS) Facilities. This document's content can only be accessed from within the FAA network.

*Notices*

**Notice: Office of Commercial Space Transportation: Notice of Availability and Request for Comment on the Draft Environmental Assessment for Issuing SpaceX a Launch License for an In-Flight Dragon Abort Test, Kennedy Space Center, Brevard County, Florida**

Published 11/30/2018

Document #: 2018-26075

Comments due 12/31/2018

In accordance with the National Environmental Policy Act of 1969, as amended (NEPA), Council on Environmental Quality NEPA implementing regulations, and FAA Order 1050.1F, Environmental Impacts: Policies and Procedures, the FAA is announcing the availability of and requesting comment on the Draft Environmental Assessment for Issuing SpaceX a Launch License for an In-flight Dragon Abort Test, Kennedy Space Center, Brevard County, Florida (Draft EA).

*Draft Flight Standardization Board/Operational Suitability Report*

**FSB: Airbus A320**

Updated 11/27/2018

Revision 6 Draft X

Comments due 12/10/2018

**FSB: Airbus A330**

Updated 11/27/2018

Revision 6 Draft X

Comments due 12/10/2018

**FSB: Airbus A350**

Updated 11/27/2018

Revision 1 Draft X

Comments due 12/10/2018

**FSB: Gulfstream GVII**

Updated 11/27/2018

Revision 1 Draft X

Comments due 12/24/2018

**FSB: Gulfstream GIV-X, GV, GV-SP**

Updated 11/27/2018                      Revision 13 Draft X                      Comments due 12/24/2018

**FSB: Gulfstream GVI**

Updated 11/27/2018                      Revision 7 Draft X                      Comments due 12/24/2018

**FSB: Honda HA-420**

Updated 11/27/2018                      Revision 2 Draft X                      Comments due 12/13/2018

*Draft Master Minimum Equipment List*

**MMEL: Gulfstream Aerospace IA-Galaxy/G-200**

Updated 11/21/2018                      Revision 6 Draft X                      Comments due 12/13/2018

**MMEL: Billings Flying Service, Inc. (BFS) CH-47D (R0011DE)**

Updated 11/21/2018                      Revision 0 Draft X                      Comments due 12/14/2018

**MMEL: Textron Aviation Model 500 Series Citation 500/501, 550/S550/551, 560**

Updated 11/21/2018                      Revision 10a Draft X                      Comments due 12/17/2018

**MMEL: Boeing 737 MAX B-737-7/-8/-8200/-9**

Updated 11/21/2018                      Revision 2 Draft X                      Comments due 12/24/2018