

## ***Final Documents—June 2014***

*This list includes Federal Register (FR) publications such as final rules, policy statements, and related material of interest to ARSA members. For proposals opened for public comment, see **Your Two Cents** in this issue. The date shown is the date of FR publication or other official release.*

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.

### **Final Rules, Airworthiness Directives (ADs)**

#### **AD: [Agusta S.p.A. A109, A119, AW109, AW119 Helicopters](#)**

Issued 6/3/2014      Docket #: FAA-2014-0336      Effective date 6/18/2014

This AD requires inspecting and replacing certain part-numbered main rotor swashplate support nuts.

#### **AD: [Airbus EC225LP Helicopters](#)**

Issued 6/3/2014      Docket #: FAA-2013-0984      Effective date 7/8/2014

This AD requires measuring the operating load of the cockpit fuel shut-off controls and replacing the tangential gearbox if the operating load threshold is exceeded.

#### **AD: [Lockheed Martin P3A Airplanes](#)**

Issued 6/3/2014      Docket #: FAA-2013-1073      Effective date 7/8/2014

This AD requires revising the maintenance or inspection program, as applicable, to incorporate certain limitations.

#### **AD: [Boeing 777 Airplanes](#)**

Issued 6/3/2014      Docket #: FAA-2013-0368      Effective date 7/8/2014

This AD requires installing wiring and making changes to certain electrical load management system panels and other concurrent requirements to ensure the flight crew is able to turn off electrical power to the in-flight entertainment systems and other non-essential electrical systems through one or two switches in the flight deck in the event of smoke or flames.

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

Issued 6/5/2014      Docket #: FAA-2014-0046      Effective date 7/24/2014

This action amends Class E Airspace at Elkin, NC, to accommodate a new Area Navigation (RNAV) Global Positioning System (GPS) Standard Instrument Approach Procedure (SIAP) serving Elkin Municipal Airport.

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

Issued 6/5/2014      Docket #: FAA-2013-0097      Effective date 7/24/2014

This action amends Class E Airspace at Newnan, GA, as new Standard Instrument Approach Procedures have been developed at Newnan Coweta County Airport.

#### **AD: [Bell 214 Helicopters](#)**

Issued 6/9/2014      Docket #: FAA-2013-0697      Effective date 7/14/2014

This airworthiness directive (AD) supersedes AD 2013-11-05 for Bell Model 214B, 214B-1, and 214ST helicopters with certain tail rotorhanger bearings installed. This new AD retains the repetitive inspection of the bearings and also requires replacing the defective bearings.

**Final Rule: [Establishment of Class E Airspace; Conway, AR](#)**

Issued 6/9/2014      Docket #: FAA-2014-0178      Effective date 7/24/2014

This action establishes Class E airspace at Conway, AR. Controlled airspace is necessary to accommodate new Area Navigation Standard Instrument Approach Procedures at Cantrell Field.

**Final Rule: [Establishment of Class E Airspace; Mineral Point, WI](#)**

Issued 6/9/2014      Docket #: FAA-2013-0914      Effective date 7/24/2014

This action establishes Class E airspace at Mineral Point, WI. A Class E surface area is necessary to accommodate increased business aviation and flight instruction activity at Iowa County Airport.

**AD: [Airbus A330, A340 Airplanes](#)**

Issued 6/10/2014      Docket #: FAA-2013-1031      Effective date 7/15/2014

This Airworthiness Directive (AD) requires a detailed inspection of the connector wires for connector 1XE-A of the generator control unit (GCU)-CSM/G for discrepancies (evidence of arcing or overheating damage), and related investigative and corrective actions if necessary, for certain Airbus Model A330-200, A330-200 Freighter, and A330-300 series airplanes; and Model A340-200, A340-300, A340-500, and A340-600 series airplanes.

**AD: [Airbus SA-365, AS-365 Helicopters](#)**

Issued 6/10/2014      Docket #: FAA-2013-0938      Effective date 7/15/2014

This AD requires repetitively inspecting frame number 9 for a crack for Airbus SA-365N, SA-365N1, AS-365N2, and AS 365 N3 helicopters.

**AD: [Airbus AS350, AS355 Helicopters](#)**

Issued 6/10/2014      Docket #: FAA-2014-0334      Effective date 6/25/2014

This AD requires repetitively inspecting certain reinforcement angles of the rear structure to tailboom junction frame (reinforcement angles) for a crack, and repairing any cracked reinforcement angle, for Airbus AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters.

**AD: [Costruzioni Aeronautiche Tecnam P2006T Airplanes](#)**

Issued 6/10/2014      Docket #: FAA-2014-0156      Effective date 7/15/2014

This AD requires a one-time inspection of each engine mount P/N 26-7-1200-000 and, depending on finding, replacement of the engine mount(s).

**AD: [Dowty R408/6 Propellers](#)**

Issued 6/10/2014      Docket #: FAA-2008-1088      Effective date 7/15/2014

This AD revises AD 2008-21-07 for certain Dowty Propellers model R408/6-123-F/17 propellers. This AD requires the same inspection and replacement requirements of AD 2008-21-07, and also provides an optional terminating action to those requirements.

**EAD: [Honeywell TFE731 Turbofan Engines](#)**

Issued 6/10/2014      AD #: 2014-12-52      Effective date 6/10/2014

This emergency airworthiness directive (EAD) applies to TFE731-4, -4R, -5AR, -5BR, -5R, -20R, -20AR, -20BR, -40, -40AR, -40R, -40BR, -50R, and -60 turbofan engines, and requires before further flight a review of the engine log book maintenance records to determine if any affected engines are installed. This EAD prohibits operation of an airplane with two or more affected engines that have LPT2 blades with less than 250 operating hours since new after receipt of this EAD.

**EAD: Airbus EC130 Helicopters**

Issued 6/10/2014      AD #: 2014-12-51      Effective date 6/10/2014

This EAD applies to Airbus EC130B4 and EC130T2 helicopters, and requires, for helicopters with 690 or more hours TIS: (a) within 10 hours TIS, removing the horizontal stabilizer, cleaning the junction frame, and dye-penetrant inspecting the junction frame for a crack in the areas shown in Figure 1 of EASB 05A017; (b) within 25 hours of dye-penetrant inspection, and at intervals not exceeding 25 hours TIS, either repeating the dye-penetrant inspection or, using a borescope, inspecting the junction frame for a crack in the areas shown in Figure 2 of EASB 05A017. If there is a crack, this EAD requires, before further flight, replacing the junction frame.

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

Issued 6/11/2014      Docket #: 30961; Amdt. # 3593      Effective date 6/11/2014

This rule establishes, amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports.

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

Issued 6/11/2014      Docket #: 30960; Amdt. # 3592      Effective date 6/11/2014

This rule amends, suspends, or revokes SIAPs and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports.

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

Issued 6/11/2014      Docket #: 30959; Amdt. # 3591      Effective date 6/11/2014

This rule amends, suspends, or revokes SIAPs and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports.

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

Issued 6/11/2014      Docket #: 30962; Amdt. # 3594      Effective date 6/11/2014

This rule amends, suspends, or revokes SIAPs and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports.

**AD: Rolls-Royce BR700 Turbofan Engines**

Issued 6/12/2014      Docket #: FAA-2013-0882      Effective date 7/17/2014

This airworthiness directive (AD) requires removal of affected fuel metering units on all Rolls-Royce Deutschland Ltd & Co KG BR700-725A1-12 engines.

**Final Rule: Establishment of Class E Airspace: Crandon, WI**

Issued 6/13/2014      Docket #: FAA-2014-0022      Effective date 7/24/2014

This action establishes Class E airspace at Crandon, WI.

**Final Rule: Establishment of Class E Airspace; Bois Blanc Island, MI**

Issued 6/16/2014      Docket #: FAA-2013-0986      Effective date 7/24/2014

This action corrects an error in the legal description of a final rule published in the Federal Register of May 22, 2014, that established Class E airspace at Bois Blanc Island Airport, Bois Blanc Island, MI.

**AD: Airbus A300, A310 Airplanes**

Issued 6/17/2014      Docket #: FAA-2014-0340      Effective date 7/2/2014

This airworthiness directive (AD) requires inspections of the external area of the aft cargo door sill beam for cracking, and repair if necessary, for certain Airbus Model A300 B4-600, B4-600R, and F4-600R series airplanes, and Model A300 C4-605R Variant F airplanes (collectively called Model A300-600 series airplanes); and Airbus Model A310 series airplanes.

**AD: PZL-Bielsko SZD-50-3 Sailplanes**

Issued 6/17/2014      Docket #: FAA-2014-0180      Effective date 7/22/2014

This AD supersedes AD 2004-11-10 for Przedsiębiorstwo Doswiadczalno-Produkcyjne Szybownictwa "PZL-Bielsko" Model SZD-50-3 "Puchacz" sailplanes, and requires repetitive inspections of the welded joint between the airbrake torque tube and the airbrake control system lever located inside the fuselage and, depending on findings, replacement with a serviceable part.

**AD: Agusta AB412 Helicopters**

Issued 6/19/2014      Docket #: FAA-2014-0379      Effective date 7/7/2014

This airworthiness directive (AD) requires inspecting the main transmission lubricating system oil outlet hose (hose) for damage, and, if required, replacing the hose.

**AD: Agusta AB412 Helicopters**

Issued 6/19/2014      Docket #: FAA-2014-0378      Effective date 7/7/2014

This AD applies to Agusta S.p.A. Model AB412 and AB412EP helicopters with a certain rotor brake pinion installed, and requires inspecting the rotor brake pinion for a crack, and replacing cracked rotor brake pinions.

**AD: BHTI 204B, 205, 212 Helicopters**

Issued 6/19/2014      Docket #: FAA-2012-0415      Effective date 7/24/2014

This AD supersedes AD 2003-01-04 for BHTI 204B, 205A, 205A-1, 205B, and 212 helicopters. This new AD requires the same actions as AD 2003-01-04 but adds a retirement life to certain grips and expands the applicability to include the Model 210 helicopter and additional part-numbered grips.

**Final Rule: Amendment of Class E Airspace; Redmond, OR**

Issued 6/20/2014      Docket #: FAA-2013-0171      Effective date 9/18/2014

This action amends the Class E airspace at Roberts Field, Redmond, OR.

**AD: Bell 407 Helicopters**

Issued 6/23/2014      Docket #: FAA-2013-0574      Effective date 7/28/2014

This airworthiness directive (AD) supersedes AD 2003-05-03 for Bell Model 407 helicopters. This new AD retains the requirements of AD 2003-05-03 — required preflight checking and repetitively inspecting for a crack in certain tailbooms that have been redesigned, replacing the tailboom if there is a crack, modifying and re-identifying certain tailbooms, installing an improved horizontal stabilizer assembly, and assigning a 5,000 hour time-in-service limit — and requires additional inspection requirements.

**AD: Dornier GmbH 228 Airplanes**

Issued 6/23/2014      Docket #: FAA-2013-1056      Effective date M7/28/2014

This AD supersedes AD 006-11-19 for Dornier Luftfahrt GmbH Model Dornier 228-100, 228-101, 228-200, 228-201, 228-202, and 228-212 airplanes, and requires actions to address chafed or damaged wiring on the flight deck overhead panels (5VE and 6VE).

**AD: Boeing 727-100 Airplanes**

Issued 6/23/2014      Docket #: FAA-2014-0141      Effective date 7/28/2014

This AD requires repetitive inspections for cracking in stringers or frames until modification, and repair if necessary.

**Final Rule: The Extension of the Expiration Date of the New York North Shore Helicopter Route**

Issued 6/23/2014      Docket #: FAA-2010-0302      Effective date 8/6/2014

The action amends the expiration date of the final rule requiring pilots flying civil helicopters under Visual Flight Rules to use the New York North Shore Helicopter Route when operating along the north shore of Long Island, New York.

**Final Rule: Interpretation of the Special Rule for Model Aircraft**

Issued 6/25/2014      Docket #: FAA-2014-0396      Effective date 6/23/2014

This action provides interested persons with the opportunity to comment on the FAA's interpretation of the special rule for model aircraft established by Congress in the FAA Modernization and Reform Act of 2012.

**Final Rule: Amendment of Class E Airspace; Taylor, TX**

Issued 6/26/2014      Docket #: FAA-2014-0013      Effective date 9/18/2014

This action amends Class E airspace at Taylor, TX.

**AD: Rolls-Royce RB211 Trent 553, 556, 560 Turbofan Engines**

Issued 6/27/2014      Docket #: FAA-2014-0281      Effective date 7/14/2014

This airworthiness directive (AD) requires removal of electronic engine control software, Version L5.6.1 or earlier, and installation of a software version eligible for installation for all Rolls-Royce plc RB211 Trent 553-61, 553A2-61, 556-61, 556A2-61, 556B-61, 556B2-61, 560-61, and 560A2-61 turbofan engines.

**Final Rule: IFR Altitudes: Miscellaneous Amendments**

Issued 6/27/2014      Docket #: 30967; Amdt. No. 514      Effective date 7/24/2014

This amendment adopts miscellaneous amendments to the required instrument flight rules (IFR) altitudes and changeover points for certain Federal airways, jet routes, or direct routes for which a minimum or maximum en route authorized IFR altitude is prescribed.

**OMB Review of Final Rule: Safety Management Systems for Part 121 Certificate Holders**

Received 5/22/2014      RIN: 2120-AJ86

The Office of Information and Regulatory Affairs is currently reviewing under Executive Order 12866 the FAA's rulemaking to develop a Safety Management System for part 121 certificate holders. This rulemaking would require each certificate holder operating under 14 CFR part 121 to develop and implement a safety management system (SMS) to improve the safety of its aviation related activities. The rulemaking is required under Public Law 111-216, section 215.

**AD: Airbus EC120, EC130 Helicopters**

Issued 6/30/2014      Docket #: FAA-2013-1090      Effective date 8/4/2014

This airworthiness directive (AD) requires replacing parts of the sliding door star support attachment assembly, depending on the outcome of required inspections, for certain Airbus EC120B and EC130B4 helicopters.

**AD: Airbus MBB-BK 117 Helicopters**

Issued 6/30/2014      Docket #: FAA-2014-0394      Effective date 7/15/2014

This AD applies to Airbus Helicopters Model MBB-BK 117 C-2 helicopters with a certain Goodrich rescue hoist damper unit (damper unit) installed, and requires repairing or replacing the damper unit or deactivating the rescue hoist.

**AD: Columbia 234 Helicopters**

Issued 6/30/2014      Docket #: FAA-2014-0385      Effective date 7/15/2014

This AD applies to Columbia Model 234 helicopters, and requires visually and tap inspecting each fore and aft rotor blade for any defect, damage, or a disbond and, if necessary, repairing or replacing the blade. Also, this AD requires dye-penetrant inspecting the aft pylon structure for fatigue cracking in certain areas near the attachment fittings and, if there is a crack, repairing or replacing the aft pylon.

**AD: Dassault FALCON 2000 Airplanes**

Issued 6/30/2014      Docket #: FAA-2013-0862      Effective date 8/4/2014

This AD applies to certain Dassault Aviation Model FALCON 2000 and FALCON 2000EX airplanes, and requires revising the airplane flight manual to include procedures to advise the flightcrew of the new center of gravity limits.

**AD: Turbomeca Arriel 2B Turboshaft Engines**

Issued 6/30/2014      Docket #: FAA-2006-23809      Effective date 8/4/2014

This AD supersedes AD 2007-10-07 for all Turbomeca S.A. Arriel 2B, 2B1, and 2B1A turboshaft engines. Like AD 2007-10-07, this AD requires the same inspection of the splines of the coupling assembly and the hydro-mechanical metering unit drive gear shaft for wear and expands the affected population. This AD also removes Arriel 2B1A engines from the applicability.

**Advisory Circulars**

**AC: The Certification of Aircraft Electrical and Electronic Systems for Operation in the High-intensity Radiated Fields (HIRF) Environment**

Issued 5/30/2014      Document #: AC 20-158A      Effective date 5/30/2014

This advisory circular provides information and guidance on how to show compliance with Title 14, Code of Federal Regulations (14 CFR) 23.1308, 25.1317, 27.1317, and 29.1317, High-intensity Radiated Fields (HIRF) Protection.

**AC: Guidance Material For 14 CFR § 33.28, Engine Control Systems**

Issued 5/23/2014      Document #: AC 33.28-3      Effective date 5/23/2014

This advisory circular (AC) provides guidance and describes acceptable methods, but not the only methods, for demonstrating compliance with the engine control systems requirements of § 33.28 of Title 14 of the Code of Federal Regulations (14 CFR part 33) at amendment level 33-26.

**AC: Service Bulletins Related to Airworthiness Directives and Indicating FAA Approval on Service Documents**

Issued 6/16/2014      Document #: AC 20-176A

This advisory circular (AC) presents best practices for drafting service bulletins (SBs) related to an airworthiness directive (AD) and provides information and guidance on ex parte communication and alternative methods of compliance, as well as means for avoiding overlapping and conflicting actions in SBs and maintaining airworthiness of AD-mandated design changes. This revision includes guidance for indicating FAA approval on a service document.

## **AC: Airworthiness Approval for Aircraft Weather Radar Systems**

Issued 6/17/2014 Document #: AC 20-182

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-C63, Airborne Weather Radar Equipment.

## **AC: Maintenance of Airport Visual Aid Facilities**

Issued 6/20/2014 Document #: AC 150/5340-26C

This advisory circular (AC) provides recommended guidelines for maintenance of airport visual aid facilities. Use of this AC is mandatory for all projects funded with federal grant monies through the Airport Improvement Program and with revenue from the Passenger Facility Charges (PFC) Program. See Grant Assistance No. 34, Policies, Standards, and Specifications, and PFC Assurance No. 9, Standards and Specifications.

## **Operational Suitability Reports (OSRs)**

### **OSR: Airbus EC 130B4 L3 2000 Display System**

Issued 6/2/2014

Revision 0 of the Supplemental Type Certification SR09500RC-D installation of the Airbus Helicopters Inc. EC 130B4 L3 2000 Display System Operational Suitability Report.

### **OSR: Night Vision Goggles for Airplane Single Engine Land/Airplane Multi Engine Land**

Issued 6/12/2014

Revision 0 of the Night Vision Goggle (NVG) Operational Suitability Report.

## **Orders**

### **Order: Technology Transfer Program**

Issued 5/30/2014 Document #: 9550.6B Effective date 5/30/2014

This order prescribes policy and procedures governing the transfer of technology and the responsibilities associated with this program.

### **Order: Departure Procedure Program**

Issued 5/30/2014 Document #: 8260.46E Effective date 5/30/2014

This order provides the policy, guidance, and standardization for initiating, developing, processing and managing the Departure Procedure (DP) Program, and defines two separate types of DPs: Standard Instrument Departures developed for system enhancement and Obstacle Departure Procedure developed solely for obstruction clearance.

### **Order: Designee Management Policy**

Issued 4/11/2014 Document #: 8000.95 Effective date 4/11/2014

This order establishes policy and procedures for managing all aspects of certain representatives of the Administrator, and also establishes the Designee Management System, a web-based tool designed to standardize the management of designees. This Order represents a consolidation of existing policies across the following Office of Aviation Safety lines of business: Aircraft Certification Service, Flight Standards Service and the Office of Aerospace Medicine.

**Order: [FAA Blood Donor Program](#)**

Issued 6/3/2014      Order #: 3900.1D      Effective date 6/3/2014

This order prescribes assigned responsibility for the FAA Blood Donor Program within FAA Headquarter offices and services.

**Order: [Major Repair and Alteration Data Approval](#)**

Issued 4/18/2014      Order #: 8300.16      Effective date 4/18/2014

This order provides guidance applicable to the data approval process for major repairs and alterations including field approvals.

**Order: [Maintenance of the Advanced Technologies and Oceanic Procedures \(ATOP\) System](#)**

This order's content can only be accessed from within the FAA network. This order cancels JO 6110.13D, Maintenance of the Advanced Technologies and Oceanic Procedures (ATOP) System.

**Order: [Flight Inspection Aircraft, System, and Software Modification Approval Process](#)**

Issued 6/29/2014      Document #: JO 4100.1C

This order's content can only be accessed from within the FAA network, and this order cancels Order 4100.3H Aircraft Systems Configuration Control Process, issued Aug. 24, 2001.

**Order: [Service Bulletins Related to Airworthiness Directives](#)**

Issued 6/18/2014      Document #: 8110.117A

This order provides information and guidance to aviation safety engineers for reviewing service bulletins that incorporate drafting concepts in FAA AC 20-176, Service Bulletins Related to Airworthiness Directives and Indicating FAA Approval on Service Documents.

**Order: [Aviation Safety \(AVS\) Quality Management System \(QMS\)](#)**

Issued 6/24/2014      Document #: VS 1300.2C

This order cancels VS 1300.2B, Aviation Safety (AVS) Quality Management System (QMS), issued June 10, 2010. The content of this order can only be accessed from within the FAA network.

**[Legal Interpretations](#)**

**Legal Interpretation: [Pilot Assigned as Second in Command](#)**

Issued 6/4/2014      Docket #: FAA-2013-0944      Effective date 6/4/2014

This legal interpretation reaffirms Legal Interpretation 1978-27, which stated § 121.432(a) requires a pilot who serves as SIC of an operation that requires three or more pilots to meet all pilot in command (PIC) qualification requirements except for PIC operating experience. This legal interpretation also clarifies that the pilot relieving the assigned SIC during the en route portion of the flight need not meet the additional SIC qualification requirements identified in § 121.432(a).

**Legal Interpretation: [Second-In-Command Logging Time in a CE-525 Aircraft](#)**

Issued 6/10/2014      Regulation #: 14 C.F.R. §§ 61.51(e)(1), (f)

This legal interpretation responds to several questions regarding logging of Second-in-Command time in a CE-525 aircraft.



**Legal Interpretation: [Digital Signatures and Written Consent for Space Flight Launch or Reentry](#)**

Issued 6/11/2014 Regulation #: 14 C.F.R. § 460.45(f)

This legal interpretation responds to a question asking whether a digital signature or a pdf copy of a paper signature would satisfy the requirement of 14 C.F.R. § 460.45(f) that a space flight participant provide consent in writing to participate in a launch or reentry.

**Legal Interpretation: [Applicability of Flight, Duty and Rest Rules for Flight Attendants](#)**

Issued 6/11/2014 Regulation #: 14 C.F.R. §§ 135.273

This legal interpretation responds to a question regarding the applicability of part 135 flight, duty, and rest rules to flight attendants assigned in addition to the minimally-required crew complement.

**Legal Interpretation: [UAS Operations by Public Universities for Aeronautical Research](#)**

Issued 6/13/2014 Statute #: 49 U.S.C. §§ 40125(a)(1)–(2)

This legal interpretation responds to a question about allowable operations of Unmanned Aircraft Systems (UAS) by state universities authorized as operators of public aircraft to conduct aeronautical research. More specifically, this interpretation provides clarification of the provisions on commercial purpose and governmental function under 49 U.S.C. §§ 40125(a)(1) and (2).

**Legal Interpretation: [Assignment of Additional Flying to an Un-augmented Flightcrew Member](#)**

Issued 6/16/2014 Regulation #: 14 C.F.R. § 117

This legal interpretation responds to a question about how 14 C.F.R. § 117 applies to the assignment of additional flying to an un-augmented flightcrew member that (1) has finished all previously scheduled flying but is still on duty, and (2) has finished all previously scheduled flying and duty, but is requesting to pick up the additional assignment.

**Legal Interpretation: [Random Drug and Alcohol Testing for Flightcrew Members on Long-Call Reserve](#)**

Issued 6/13/2014 Regulation #: 14 C.F.R. §§ 117.21 and 120

This legal interpretation responds to a question regarding when a flightcrew member who is on long-call reserve under 14 C.F.R. § 117.21 may be notified to report for random drug or alcohol testing under 14 C.F.R. § 120.

**Legal Interpretation: [Flight Time Limitation of Cargo Operations](#)**

Issued 6/20/2014 Regulation #: 14 C.F.R. § 121.471 (a)(4)

This legal interpretation responds to a question concerning the application of the flight time limitation in 14 C.F.R. § 121.471 (a)(4) and the exception thereto in § 121.471 (g) to a scenario presented in the context of cargo operations conducted pursuant to part 121.

**Legal Interpretation: [Corporation-Provided Air Transportation for Compensation or Hire to Another Entity](#)**

Issued 6/19/2014 Regulation #: 14 C.F.R. §§ 91, 135

This legal interpretation responds to a question regarding the applicability of 14 C.F.R. parts 91 and 135 to flights conducted by an aircraft management company using aircraft in which the company's prospective customers have purchased shares.

**Legal Interpretation: [Conducting a Flight into an Airport without an Operating Control Tower in Class G Airspace](#)**

Issued 6/20/2014 Regulation/Order #: 14 C.F.R § 91.126

This legal interpretation responds to several questions pertaining to conducting a flight into an airport without an operating control tower in Class G airspace.

**Legal Interpretation: [Flight, Duty and Rest Provisions for Pilots](#)**

Issued 6/30/2014 Regulation/Order #: 14 C.F.R. § 121.521

This legal interpretation responds to a question asking whether the flight, duty and rest provisions of 14 C.F.R. § 121.521 are applicable to a pilot to whom 14 C.F.R. § 121.525(c) applies when he is operating on a 3-pilot crew, and whether the provisions of § 121.523 applies when the pilot is operating on a 4-pilot crew.

**Legal Interpretation: [Flight, Duty and Rest Provisions for Pilots](#)**

Issued 6/30/2014 Regulation/Order #: 14 C.F.R. § 121.521

This legal interpretation responds to a question asking whether the flight, duty and rest provisions of 14 C.F.R. § 121.521 are applicable to a pilot to whom 14 C.F.R. § 121.525(c) applies when he is operating on a 3-pilot crew, and whether the provisions of § 121.523 applies when the pilot is operating on a 4-pilot crew.

**Special Conditions (SCs)**

**SC: [Bombardier BD-500 Airplanes](#)**

Issued 6/6/2014 Docket #: FAA-2013-1041 Effective date 7/7/2014

These special conditions are issued for Bombardier Aerospace Models BD-500-1A10 and BD-500-1A11 series airplanes, which will have a novel or unusual design feature associated with control surface awareness and mode annunciation of the electronic flight control system in Bombardier Aerospace Models BD-500-1A10 and BD-500-1A11 series airplanes.

**SC: [Bombardier BD-500 Airplanes](#)**

Issued 6/6/2014 Docket #: FAA-2013-1040 Effective date 7/7/2014

These special conditions are issued for Bombardier Aerospace Models BD-500-1A10 and BD-500-1A11 series airplanes, which will have a novel or unusual design feature associated with a new control architecture and a full digital flight control system that provides flight envelope protections.

**SC: [Bombardier BD-500 Airplanes](#)**

Issued 6/6/2014 Docket #: FAA-2013-1038 Effective date 7/7/2014

These special conditions are issued for the Bombardier Aerospace Models BD-500-1A10 and BD-500-1A11 series airplanes, which will have a novel or unusual design feature associated with an electronic flight control system that contains fly-by-wire control laws, including envelope protections, for the overspeed protection and roll-limiting function

**SC: [Bombardier BD-500 Airplanes](#)**

Issued 6/6/2014 Docket #: FAA-2013-1039 Effective date 7/7/2014

These special conditions are issued for the Bombardier Aerospace Models BD-500-1A10 and BD-500-1A11 series airplanes, which will have a novel or unusual design feature associated with an electronic flight control system that prevents the pilot from inadvertently or intentionally exceeding the positive or negative airplane limit load factor.

**SC: Dassault Falcon 2000/2000EX Airplanes**

Issued 6/6/2014      Docket #: FAA-2014-0239      Effective date 6/6/2014

These special conditions are issued for the Dassault Aviation Falcon 2000/2000EX series airplanes, which will have a novel or unusual design feature associated with the installation of removable storage lockers (fire containment containers) to be installed in the forward servicing compartment, which is un-pressurized, and not accessible in flight.

**SC: Boeing 737 Airplanes**

Issued 6/6/2014      Docket #: FAA-2014-0301      Effective date 6/6/2014

These special conditions are issued for the Boeing Company Models 737-700, -700C, -800, -900ER, -7, -8, and -9 series airplanes, which will have novel or unusual design features associated with the architecture and connectivity capabilities of the airplanes' computer systems and networks, which may allow access to or by external computer systems and networks and may result in security vulnerabilities to the airplanes' systems.

**SC: Boeing 737 Airplanes**

Issued 6/6/2014      Docket #: FAA-2014-0302      Effective date 6/6/2014

These special conditions are issued for Boeing Models 737-700, -700C, -800, -900ER, -7, -8, and -9 series airplanes, which will have a novel or unusual design feature associated with connectivity of the passenger service computer systems to the airplane critical systems and data networks.

**SC: Embraer EMB-550 Airplanes**

Issued 6/10/2014      Docket #: FAA-2014-0365      Effective date 6/10/2014

These special conditions address novel or unusual design feature associated with the installation of a satellite communication system that uses rechargeable lithium battery technology for Embraer S.A. Model EMB-550 airplanes.

**SC: Airbus A350-900 Airplanes**

Issued 6/12/2014      Docket #: FAA-2013-0898      Effective date 7/14/2014

These special conditions address novel or unusual design feature associated with the in-flight fire and flammability resistance of the composite fuselage.

**SC: Airbus A350-900 Airplanes**

Issued 6/12/2014      Docket #: FAA-2013-0890      Effective date 7/14/2014

These special conditions address novel or unusual design feature associated with a braking system that affects the airplane's pivoting behavior.

**SC: Airbus A350-900 Airplanes**

Issued 6/12/2014      Docket #: FAA-2013-0896      Effective date 7/14/2014

These special conditions address novel or unusual design feature associated with side stick controllers which require limited pilot force because they are operated by only one hand.

**SC: Boeing 787-9 Airplanes**

Issued 6/12/2014      Docket #: FAA-2014-0244      Effective date 6/12/2014

These special conditions address novel or unusual design feature associated with side-facing seats.

### **SC: Gulfstream GVI Airplanes**

Issued 6/12/2014      Docket #: FAA-2014-0248      Effective date 6/12/2014

These special conditions address novel or unusual design feature associated with airbag-equipped shoulder belts.

### **SC: Bombardier BD-500 Airplanes**

Issued 6/16/2014      Docket #: FAA-2014-0380      Effective date 6/16/2014

These special conditions address novel or unusual design feature as compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. These design features include engine size and the potential torque loads imposed by sudden engine stoppage.

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

#### **SAIB: Boeing 747-8F Airplanes**

Issued 6/3/2014      Document #: NM-14-20

This SAIB advises the public of an airworthiness concern, specifically regarding the cargo handling system of Boeing 747-8F airplanes modified by Telair International, Inc.

#### **SAIB: Airbus A318, A319, A320, A321 Airplanes**

Issued 6/3/2014      Document NM-14-21

This SAIB alerts the public of service difficulties associated with off-frequency transmissions from airplanes installed with Honeywell RTA-44D VHF Data Radios on Airbus A318, A319, A320 and A321 series airplanes.

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

#### **FSIMS: Cessna CE-335, 340 Airplanes**

Issued 6/11/2014

Revision 9 of the Cessna-335 Master Minimum Equipment List.

#### **FSIMS: Training of Flight Crewmembers**

Issued 6/23/2014

Revision 16 of the Safety Attribute Inspection (SAI) Data Collection Tool 4.2.3 Training of Flight Crewmembers (OP).

#### **FSIMS: Airmen Duties/Flightdeck Procedures**

Issued 6/23/2014

Revision 13 of the SAI Data Collection Tool 3.1.3 Airman Duties / Flightdeck Procedures (OP).

#### **FSIMS: Pilot Operating Limitations/Recent Experience**

Issued 6/23/2014

Revision 8 of the Element Performance Inspection (EPI) Data Collection Tool 4.3.1 Pilot Operating Limitations / Recent Experience (OP).

**FSIMS: RVSM Authorization**

Issued 6/23/2014

Revision 9 of the SAI Data Collection Tool 5.1.9 RVSM Authorization (OP).

**FSIMS: Operational Control**

Issued 6/23/2014

Revision 10 of the SAI Data Collection Tool 3.1.4 Operational Control (OP).

**FSIMS: Training and Qualification of Dispatchers/Flight Followers**

Issued 6/23/2014

Revision 7 of the EPI Data Collection Tool Training and Qualification of Dispatchers/Flight Followers (OP).

**FSIMS: Use of Approved Areas, Routes and Airports**

Issued 6/23/2014

Revision 9 of the EPI Data Collection Tool 5.1.6 Use of Approved Areas, Routes and Airports (OP).

**FSIMS: Maintenance Providers**

Issued 6/23/2014

Revision 13 of the EPI Data Collection Tool 1.3.7 Maintenance Providers (AW).

**FSIMS: RVSM Authorization**

Issued 6/23/2014

Revision 8 of the EPI Data Collection Tool 5.1.9 RVSM Authorization (OP).

**FSIMS: Training of Flight Attendants**

Issued 6/23/2014

Revision 8 of the EPI Data Collection Tool 4.2.4 Training of Flight Attendants (OP).

**FSIMS: Maintenance / Required Inspection Item (RII) Training Program**

Issued 6/23/2014

Revision 6 of the EPI Data Collection Tool 4.2.1 Maintenance / Required Inspection Item (RII) Training Program (AW).

**FSIMS: Flight Crewmember Flight / Duty / Rest Time**

Issued 6/23/2014

Revision 8 of the SAI Data Collection Tool 6.1.2 Flight Crewmember Flight / Duty / Rest Time (OP).

**FSIMS: Use of Approved Areas, Routes and Airports**

Issued 6/23/2014

Revision 10 of the SAI Data Collection Tool 5.1.6 Use of Approved Areas, Routes and Airports (OP).

**FSIMS: Safety Program (Ground and Flight)**

Issued 6/23/2014

Revision 9 of the SAI Data Collection Tool 7.2.1 Safety Program (Ground and Flight) (OP).

**FSIMS: Exit Seating Program**

Issued 6/23/2014

Revision 6 of the SAI Data Collection Tool 3.1.6 Exit Seating Program (OP).

**FSIMS: Maintenance / Required Inspection Item (RII) Training Program**

Issued 6/23/2014

Revision 8 of the SAI Data Collection Tool 4.2.1 Maintenance / Required Inspection Item (RII) Training Program (AW).

**FSIMS: Dispatch / Flight Release**

Issued 6/23/2014

Revision 13 of the SAI Data Collection Tool 3.2.1 Dispatch / Flight Release (OP).

**FSIMS: Training of Flight Attendants**

Issued 6/23/2014

Revision 9 of the SAI Data Collection Tool 4.2.4 Training of Flight Attendants (OP).

**FSIMS: Training and Qualification of Dispatchers / Flight Followers**

Issued 6/23/2014

Revision 8 of the SAI Data Collection Tool 4.2.5 Training and Qualification of Dispatchers/Flight Followers (OP).

**FSIMS: Cargo Handling Equipment, Systems and Appliances**

Issued 6/23/2014

Revision 12 of the SAI Data Collection Tool 1.3.25 Cargo Handling Equipment, Systems and Appliances (AW).

**FSIMS: Flight Attendant Duty / Rest Time**

Issued 6/23/2014

Revision 9 of the SAI Data Collection Tool 6.1.3 Flight Attendant Duty / Rest Time (OP).

**FSIMS: Pilot Operating Limitations / Recent Experience**

Issued 6/23/2014

Revision 8 of the SAI Data Collection Tool 4.3.1 Pilot Operating Limitations / Recent Experience (OP).

**FSIMS: Dispatcher Duty/Rest Time**

Issued 6/23/2014

Revision 6 of the SAI Data Collection Tool 6.1.4 Dispatcher Duty / Rest Time (OP).

**FSIMS: De-Icing Program**

Issued 6/23/2014

Revision 8 of the SAI Data Collection Tool 3.1.7 De-Icing Program (OP).

**FSIMS: Flight Crewmember Flight/Duty/Rest Time**

Issued 6/23/2014

Revision 7 of the EPI Data Collection Tool 6.1.2 Flight Crewmember Flight / Duty / Rest Time (OP).

**FSIMS: Required Inspection Items (RII)**

Issued 6/23/2014

Revision 5 of the SAI Data Collection Tool 1.3.4 Required Inspection Items (RII) (AW).

**FSIMS: Operational Control**

Issued 6/23/2014

Revision 9 of the EPI Data Collection Tool 3.1.4 Operational Control (OP).

**FSIMS: Maintenance/Inspection Schedule**

Issued 6/23/2014

Revision 10 of the EPI Data Collection Tool 1.3.2 Maintenance / Inspection Schedule (AW).

**FSIMS: Passenger Handling**

Issued 6/23/2014

Revision 10 of the SAI Data Collection Tool 3.1.1 Passenger Handling (OP).

**FSIMS: De-Icing Program**

Issued 6/23/2014

Revision 9 of the EPI Data Collection Tool 1.3.18 De-Icing Program (AW).

**FSIMS: Cargo Handling Equipment, Systems and Appliances**

Issued 6/23/2014

Revision 11 of the EPI Data Collection Tool 1.3.25 Cargo Handling Equipment, Systems and Appliances (AW).

**FSIMS: Airman Duties/Flightdeck Procedures**

Issued 6/23/2014

Revision 13 of the EPI Data Collection Tool 3.1.3 Airman Duties / Flightdeck Procedures (OP).

**FSIMS: Training of Flight Crewmembers**

Issued 6/23/2014

Revision 12 of the EPI Data Collection Tool 4.2.3 Training of Flight Crewmembers (OP).

**FSIMS: Hazardous Materials ADG**

Issued 6/23/2014

Revision 3 of the EPI Data Collection Tool 3.1.14 Hazardous Materials ADG (OP).

**FSIMS: Airworthiness Directives and Maintenance Record Requirements**

Issued 6/23/2014

Revision 11 of the EPI Data Collection Tool 1.3.6 Airworthiness Directives and Maintenance Record Requirements (AW).

**FSIMS: De-Icing Program**

Issued 6/23/2014

Revision 8 of the EPI Data Collection Tool 3.1.7 De-Icing Program (OP).

**FSIMS: De-Icing Program**

Issued 6/23/2014

Revision 9 of the SAI Data Collection Tool 1.3.18 De-Icing Program (AW).

**FSIMS: Hazardous Materials ADG**

Issued 6/23/2014

Revision 3 of the SAI Data Collection Tool 3.1.14 Hazardous Materials ADG (OP).

**FSIMS: Maintenance Providers**

Issued 6/23/2014

Revision 11 of the SAI Data Collection Tool 1.3.7 Maintenance Providers (AW).

**FSIMS: Maintenance Program**

Issued 6/23/2014

Revision 14 of the EPI Data Collection Tool 1.3.1 Maintenance Program (AW).

**FSIMS: Maintenance/Inspection Schedule**

Issued 6/23/2014

Revision 11 of the SAI Data Collection Tool 1.3.2 Maintenance / Inspection Schedule (AW).

**FSIMS: Maintenance Program**

Issued 6/23/2014

Revision 16 of the SAI Data Collection Tool 1.3.1 Maintenance Program (AW).

**FSIMS: Flight Attendant Duty/Rest Time**

Issued 6/23/2014

Revision 8 of the EPI Data Collection Tool 6.1.3 Flight Attendant Duty / Rest Time (OP).



**FSIMS: [Airworthiness Release/Maintenance Log Recording Requirements](#)**

Issued 6/23/2014

Revision 8 of the SAI Data Collection Tool 1.2.1 Airworthiness Release / Maintenance Log Recording Requirements (AW).

**FSIMS: [Dispatcher Duty/Rest Time](#)**

Issued 6/23/2014

Revision 6 of the EPI Data Collection Tool 6.1.4 Dispatcher Duty / Rest Time (OP).

**FSIMS: [Dispatch/Flight Release](#)**

Issued 6/23/2014

Revision 13 of the EPI Data Collection Tool 3.2.1 Dispatch / Flight Release (OP).

**FSIMS: [Airplane Performance Operating Limitations](#)**

Issued 6/23/2014

Revision 6 of the EPI Data Collection Tool 3.1.9 Airplane Performance Operating Limitations (OP).

**FSIMS: [Airworthiness Release/Maintenance Log Recording Requirements](#)**

Issued 6/23/2014

Revision 7 of the EPI Data Collection Tool 1.2.1 Airworthiness Release / Maintenance Log Recording Requirements (AW).

**FSIMS: [Safety Program \(Ground and Flight\)](#)**

Issued 6/23/2014

Revision 8 of the EPI Data Collection Tool 7.2.1 Safety Program (Ground and Flight) (OP).

**FSIMS: [Airworthiness Directives and Maintenance Record Requirements](#)**

Issued 6/23/2014

Revision 12 of the SAI Data Collection Tool 1.3.6 Airworthiness Directives and Maintenance Record Requirements (AW).

**FSIMS: [Cessna CE-750 Airplanes](#)**

Issued 6/24/2014

Revision 6 of the Cessna CE-750 Master Minimum Equipment List.

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## ***Your Two Cents—June 2014***

*This is 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.**

### **NPRMs, Airworthiness Directives (ADs)**

#### **NPRM AD: [Airbus EC225, AS332 Helicopters](#)**

Issued 6/2/2014      Docket #: FAA-2014-0333      Comments due 8/1/2014

This proposed airworthiness directive (AD) would require inspecting each TECALEMIT flexible hydraulic hose installed in the main gearbox compartment and replacing the hose if a crack, cut or other damage exists.

#### **NPRM AD: [Sikorsky S-76 Helicopters](#)**

Issued 6/2/2014      Docket #: FAA-2014-0335      Comments due 8/1/2014

This proposed AD would require inspecting the main gearbox lower housing jet bores for leaks, paint or caulk blistering and liner protrusion.

#### **NPRM AD: [Arrow Falcon, Rotorcraft, San Joaquin OH-58 Helicopters](#)**

Issued 6/2/2014      Docket #: FAA-2014-0337      Comments due 8/1/2014

This proposed AD would supersede AD 2012-14-11 for Arrow Falcon Exporters, Inc.; Rotorcraft Development Corporation; and San Joaquin Helicopters Model OH-58A, OH-58A+ and OH-58C helicopters. AD 2012-14-11 currently requires inspecting the main rotor mast for a crack. This proposed AD would expand the area of the mast that requires an inspection for a crack and would require repetitive inspections of the mast.

#### **NPRM: [Establishment of Class E Airspace; Pine Knot, KY](#)**

Issued 6/2/2014      Docket #: FAA-2013-0441      Comments due 7/17/2014

This action proposes to establish Class E airspace at Pine Knot, KY, to accommodate a new Area Navigation Global Positioning System Standard Instrument Approach Procedure serving McCreary County Airport.

#### **NPRM AD: [Piper PA-31-350 Airplanes](#)**

Issued 6/3/2014      Docket #: FAA-2014-0338      Comments due 7/18/2014

This proposed AD would require inspecting the fuel hose assembly and the turbocharger support assembly for proper clearance between them, inspecting each assembly for any sign of damage, and making any necessary repairs or replacements.

#### **NPRM AD: [Pratt & Whitney PW Turbofan Engines](#)**

Issued 6/4/2014      Docket #: FAA-2013-0072      Comments due 8/4/2014

This proposed AD would supersede Airworthiness Directive (AD) 2013-15-09, which applies to all Pratt & Whitney Division (PW) PW4074, PW4074D, PW4077, PW4077D, PW4084D, PW4090, and PW4090-3 turbofan engine models with certain second-stage high-pressure turbine (HPT) air seals, installed. This proposed AD would expand the applicability of AD 2013-15-09 to include additional P/Ns, require replacement of the mating hardware if the second-stage HPT air seal is found with a through-crack, and add mandatory terminating action to the repetitive inspections.

**NPRM AD: Turbomeca S.A. Arriel 1, 2 Turboshaft Engines**

Issued 6/4/2014      Docket #: FAA-2014-0164      Comments due 8/4/2014

This proposed AD would require an initial one-time vibration check of the engine accessory gearbox on certain higher risk Arriel 1 and Arriel 2 model engines. This proposed AD would also require repetitive vibration checks of the engine AGB for all Arriel 1 and Arriel 2 engines at every engine shop visit.

**NPRM AD: Pratt & Whitney PW Turbofan Engines**

Issued 6/5/2014      Docket #: FAA-2013-0072      Comments due 8/4/2014

This proposed AD would supersede Airworthiness Directive (AD) 2013-15-09, which applies to all Pratt & Whitney Division (PW) PW4074, PW4074D, PW4077, PW4077D, PW4084D, PW4090, and PW4090-3 turbofan engine models with certain second-stage high-pressure turbine (HPT) air seals, installed. This proposed AD would expand the applicability of AD 2013-15-09 to include additional P/Ns, require replacement of the mating hardware if the second-stage HPT air seal is found with a through-crack, and add mandatory terminating action to the repetitive inspections.

**NPRM AD: AD Airbus AS350, AS355 Helicopters**

Issued 6/9/2014      Docket #: FAA-2014-0364      Comments due 8/8/2014

This proposed AD would supersede 2013-21-01, which applies to Eurocopter France AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters. This proposed AD would retain the requirements of AD 2013-21-01 but would require a repetitive visual inspection for all pitch horns regardless of hours time-in-service, which requires allowing the public an opportunity to comment.

**NPRM: Modification and Establishment of Area Navigation (RNAV) Routes; Western United States**

Issued 6/9/2014      Docket #: FAA-2014-0271      Comments due 7/24/2014

This action proposes to modify three RNAV Q-routes and establish five Q-routes originating in Oakland Air Route Traffic Control Center's airspace.

**NPRM AD: Boeing 737 Airplanes**

Issued 6/11/2014      Docket #: FAA-2014-0339      Comments due 7/28/2014

This proposed AD applies to certain Boeing 737-100, -200, -200C, -300, -400, and -500 series airplanes, and would require repetitive inspections for cracking in the upper corners of the forward entry door skin cutout, and repair if necessary. Accomplishment of this repair or a preventive modification would terminate the repetitive inspections. This proposed AD also would require repetitive post-modification and post-repair inspections.

**NPRM: Modification and Revocation of Air Traffic Service (ATS) Routes in the Vicinity of Sandusky, OH**

Issued 6/17/2014      Docket #: FAA-2014-0274      Comments due 8/1/2014

This action proposes to modify 5 VHF Omnidirectional Range (VOR) Federal airways (V-6, V-30, V-126, V-133, and V-416) and remove 1 VOR Federal airway (V-65) in the vicinity of Sandusky, OH.

**NPRM AD: Embraer EMB-505 Airplanes**

Issued 6/19/2014      Docket #: FAA-2014-0390      Comments due 8/4/2014

This AD supersedes AD 2013-22-20 for Embraer S.A. Model EMB-505 airplanes, and requires an inspection to determine if the airplane has the affected part number brake assembly installed and an inspection for cracks of the affected brake assembly with repair or replacement as necessary.

**NPRM: Proposed Modification, Revocation, and Establishment of Multiple Air Traffic Service (ATS) Routes; North Central and Northeast United States**

Issued 6/24/2014      Docket #: FAA-2014-0295      Comments due 8/8/2014

This action proposes to amend, remove, and establish multiple jet routes, high altitude and low altitude Area Navigation routes (Q- and T-routes), and VHF Omnidirectional Range Federal airways in the north central and northeast United States to reflect and accommodate route changes being made in Canadian airspace as part of Canada's Winsor-Toronto-Montreal airspace redesign project. This action also would amend or remove ATS routes with minimal or no use.

**NPRM AD: Boeing 747 Airplanes**

Issued 6/25/2014      Docket #: FAA-2014-0342      Comments due 8/11/2014

This proposed airworthiness directive (AD) would require installing an additional zone temperature sensor (ZTS) in the aft cargo compartment of Boeing 747-400, 747-400D, 747-400F, 747-8F, and 747-8 series airplanes. For certain airplanes, the proposed AD would first require installing tape and replacing the markers in the bulk cargo compartment, unless terminated by the early installation of the ZTS.

**NPRM AD: Boeing 747 Airplanes**

Issued 6/25/2014      Docket #: FAA-2014-0343      Comments due 8/11/2014

This proposed AD would require replacing the fuse pins for the strut-to-wing attachment of the outboard aft upper spar with new fuse pins, and replacing the access cover assemblies with new access cover assemblies for Boeing 747-8 and 747-8F series airplanes.

**NPRM AD: DG Flugzeugbau GmbH DG-1000T Gliders**

Issued 6/27/2014      Docket #: FAA-2013-0929      Comments due 8/11/2014

This AD revises AD 2013-22-14 for any DG Flugzeugbau GmbH Model DG-1000T glider equipped with a Solo Kleinmotoren Model 2350 C engine. This AD requires various actions to address engine shaft failure and consequent propeller detachment.

**NPRM AD: Piper PA-28 Airplanes**

Issued 6/27/2014      Docket #: FAA-2013-0742      Effective date 6/27/2014

This document withdraws a notice of proposed rulemaking (NPRM) that would have applied to certain Piper Aircraft, Inc. Models PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28R-180, and PA-28R-200 airplanes. The proposed AD would have superseded AD 71-21-08, Amendment 39-1312, which currently requires replacement of the fuel selector valve cover.

**NPRM AD: Airbus A330, A340 Airplanes**

Issued 6/30/2014      Docket #: FAA-2014-0425      Comments due 8/14/2014

This proposed AD would supersede AD 2012-06-19, for certain Airbus A330-201, -202, -203, -223, -243, -301, -302, -303, -321, -322, -323, -341, -342, and -343 airplanes; and A340-200 and -300 airplanes. This proposed AD adds airplanes to the applicability, and would require an inspection of the part number and serial number of the nose landing gear (NLG) main fitting and NLG sliding tube; for affected parts, a magnetic particle inspection for cracks, and flap peening and replacement if necessary. This proposed AD would also require, for certain parts, additional inspections for damage and cracking.

**NPRM AD: [Beechcraft 400, MU-300 Airplanes](#)**

Issued 6/30/2014      Docket #: FAA-2014-0345      Comments due 8/29/2014

This proposed AD would apply to certain Beechcraft Corporation Model 400, 400A, 400T, and MU-300 airplanes, and would require an inspection to determine if pitch trim actuators (PTAs) having a certain serial number and part number are installed, and replacement if they are installed. This proposed AD would also require repetitive replacements of PTAs with new PTAs or certain overhauled PTAs.

**NPRM AD: [Boeing 767, 777 Airplanes](#)**

Issued 6/30/2014      Docket #: FAA-2014-0426      Comments due 8/14/2014

This proposed AD would apply to certain The Boeing Company Model 767 and 777 airplanes, and would require inspecting for part numbers and serial numbers of the rotary actuators of the large forward and aft lower lobe cargo doors, as applicable, and corrective action if necessary.

**NPRM AD: [Boeing DC-10, MD-10 Airplanes](#)**

Issued 6/30/2014      Docket #: FAA-2014-0423      Comments due 8/14/2014

This proposed AD would apply to certain The Boeing Company Model DC-10-10, DC-10-10F, DC-10-30, DC-10-30F (KC-10A and KDC-10), DC-10-40, MD-10-10F, and MD-10-30F airplanes, and would require an inspection of the attachment holes at the forward cargo compartment frames and the cargo liner for cracking, and repair if necessary. This proposed AD would also require installing new oversized fasteners in the forward cargo compartment frames.

**NPRM AD: [Boeing 737 Airplanes](#)**

Issued 6/30/2014      Docket #: FAA-2014-0346      Comments due 8/14/2014

This proposed AD would apply to certain Boeing 737-100, -200, -200C, -300, -400, and -500 series airplanes, and would require an inspection to determine if the strap adjacent to a certain stringer is installed, and repair if missing; repetitive inspections of the frame for cracking or a severed frame web; and related investigative and corrective actions if necessary. This proposed AD also provides optional actions to terminate certain repetitive inspections.

**NPRM AD: [Boeing 767 Airplanes](#)**

Issued 6/30/2014      Docket #: FAA-2014-0347      Comments due 8/14/2014

This proposed AD would apply to certain Boeing 767-200 and -300 series airplane equipped with Pratt & Whitney Model JT9D or PW4000 engines, and would require inspecting for damage of the wiring bundles in the left engine's strut and corrective actions if necessary, and installing new wire support brackets and bundle clamp.

**Proposed Special Conditions**

**SC: [Bombardier BD-500 Airplanes](#)**

Issued 6/3/2014      Docket #: FAA-2014-0329      Comments due 7/18/2014

These proposed special conditions would address novel or unusual design feature associated with the use of carbon fiber reinforced plastic for most of the wing fuel tank structure, which, when impacted by tire debris, may resist penetration or rupture differently from aluminum wing skins.

**SC: [Embraer EMB-550 Airplanes](#)**

Issued 6/10/2014      Docket #: FAA-2014-0366      Comments due 7/10/2014

These proposed special conditions apply to Embraer S.A. Model EMB-550 airplanes, which have a novel or unusual design feature when compared to the state of technology and design envisioned in the airworthiness standards for transport category airplanes.

## **Notices**

### **Notice: Opportunity for Public Comment on Surplus Property Release at Columbia Metropolitan Airport, Columbia, SC**

Issued 6/2/2014 Document #: 2014-12687 Comments due 7/2/2014

This notice advises the public that the Federal Aviation Administration (FAA) is considering a request from the Richland-Lexington Airport District to waive the requirement that two parcels (3.51 acres and 3.68 acres) of surplus property, located at the Columbia Metropolitan Airport, be used for aeronautical purposes.

### **Notice: Passenger Facility Charge Approvals and Disapprovals**

Issued 6/2/2014 Document #: 2014-12685 Effective date 3/1/2017

This notice advises the public of the FAA's determinations regarding Passenger Facility Charge (PFC) applications for the following entities: Peninsula Airport Commission, Newport News, Va.; Barkley Regional Airport Authority, Paducah, Ky.; Niagara Frontier Transportation Authority, Buffalo, N.Y.; City of Atlanta, Ga.; City of Hailey and County of Blaine, Hailey, Idaho; Port of Pasco, Pasco, Wash.; Capital Region Airport Commission, Richmond, Va; and County of Sonoma, Santa Rosa, Calif.

### **Notice: Passenger Facility Charge Approvals and Disapprovals**

Issued 6/2/2014 Document #: 2014-12678 Effective date 8/1/2014

This notice advises the public of the FAA's determinations regarding PFC applications for the following entities: City of San Angelo, Texas; Dickinson Municipal Airport Authority, Dickinson, N.D.; City of Sioux City, Iowa; and City of Valdosta, Ga.

### **Notice: Passenger Facility Charge Approvals and Disapprovals**

Issued 6/2/2014 Document #: 2014-12679 Effective date 10/1/2014

This notice advises the public of the FAA's determinations regarding PFC applications for the following entities: City of Rochester, Minn.; County of Kenton and Kenton County Airport Board, Cincinnati, Ohio; City of Midland, Texas; International Falls/Koochiching County Airport Commission, International Falls, Minn.; Louisville Regional Airport Authority, Louisville, Ky.; County of Emmet, Pellston, Mich.; and City of Manhattan, Kan.

### **Notice: Waiver of Aeronautical Land-Use Assurance**

Issued 6/2/2014 Document #: 2014-12677 Comments due 7/2/2014

This notice advises the public that the FAA is considering a proposal to change approximately 126.12 acres of airport land from aeronautical use to non-aeronautical use at Alpena County Regional Airport, Alpena, Mich.

### **Notice: Waiver of Aeronautical Land-use Assurance**

Issued 6/2/2014 Document #: 2014-12676 Comments due 7/2/2014

This notice advises the public that the FAA is considering a proposal to change 47.2262 acres of airport land from aeronautical use to non-aeronautical use and to authorize the sale of airport property located at Scott AFB/MidAmerica Airport, Belleville, Ill.

### **Notice: Petition for Exemption; Summary of Petition Received: NorthStar Trekking, LLC**

Issued 6/4/2014 Document #: PE-2014-29 Comments due 6/19/2014

This notice contains a summary of a petition seeking relief from specified requirements of 14 CFR.

**Notice: Office of Commercial Space Transportation; Notice of Availability of the Final Environmental Impact Statement for the SpaceX Texas Launch Site**

Issued 6/6/2014 Document #: 2014-12985

In accordance with the National Environmental Policy Act of 1969, as amended (NEPA; 42 United States Code [U.S.C.] 4321 et seq.), Council on Environmental Quality NEPA implementing regulations (40 Code of Federal Regulations parts 1500 to 1508), and FAA Order 1050.1E, Change 1, the FAA, Office of Commercial Space Transportation is announcing the availability of the Final Environmental Impact Statement for the SpaceX Texas Launch Site (Final EIS).

**Notice: Petition for Exemption; Summary of Petition Received: FedEx Express**

Issued 6/6/2014 Document #: 2014-13167 Comments due 6/26/2014

This notice contains a summary of a petition seeking relief from specified requirements of Title 14, Code of Federal Regulations. The petition seeks an exemption for relief to allow carriage of up to two (2) off-duty flightcrew members in a Crew Rest Module (CRM) which will be located on the Class E compartment of the Boeing Model 767-300F/-300BCF/-300BDSF freighter airplanes.

**Notice: Petition for Exemption; Summary of Petition Received: Club Crafters, Inc.**

Issued 6/6/2014 Document #: 2014-13168 Comments due 6/26/2014

This notice contains a summary of a petition seeking relief from specified requirements of 14 CFR. The petitioner is seeking relief from the revised requirement of 14 CFR 23.629 amendments 23-48 and 23-62 to flight flutter test the Gavilan EL-1 airplane.

**Notice: Approval of Noise Compatibility Program for Willow Run Airport, Ypsilanti, Michigan**

Issued 6/9/2014 Document #: 2014-13372 Effective date 6/9/2014

This notice advises the public that the FAA announces its findings on the noise compatibility program submitted by the City of Ypsilanti, Michigan under the provisions of 49 U.S.C. 47501 et seq. and 14 CFR 150.

**Notice: Membership in the National Parks Overflights Advisory Group Aviation Rulemaking Committee**

Issued 6/9/2014 Document #: 2014-13281

This notice informs the public of the person selected to fill one of the vacancies on the National Parks Overflights Advisory Group Aviation Rulemaking Committee, announced on April 3, 2014 (See 79 FR 18757, April 3, 2014). No selection has been made for the other open vacancy representing environmental concerns.

**Notice: Noise Exposure Maps: Merrill Field Airport, Anchorage, AK**

Issued 6/10/2014 Document #: 2014-13496 Effective date 6/3/2014

This notice advises the public that the Federal Aviation Administration (FAA) announces its determination that the noise exposure maps submitted by Municipality of Anchorage, for Merrill Field Airport under the provisions of 49 U.S.C. 47501 et. seq (Aviation Safety and Noise Abatement Act) and 14 CFR part 150 are in compliance with applicable requirements.

**Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Agricultural Aircraft Operator Certificate Application**

Issued 6/12/2014 Document #: 2014-13689 Comments due 8/11/2014

This notice advises the public that the FAA invites public comments about its intention to request the Office of Management and Budget (OMB) approval to renew an information collection regarding certification of agricultural aircraft.

**Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: FAA Entry Point Filing Form-International Registry**

Issued 6/12/2014 Document #: 2014-13688 Comments due 8/11/2014

This notice advises the public that the FAA invites public comments about its intention to request OMB approval to renew an information collection regarding AA Entry Point Filing Form—International Registry, AC Form 8050-135, and obtaining authorization codes for transmission of information to the International Registry.

**Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Neighborhood Environmental Survey**

Issued 6/12/2014 Document #: 2014-13686 Comments due 8/11/2014

This notice advises the public that the FAA invites public comments about its intention to request OMB approval to renew an information collection in order to conduct a nation-wide survey to update the scientific evidence of the relationship between aircraft noise exposure and its effects on communities around airports.

**Notice: Passenger Facility Charge Approvals and Disapprovals**

Issued 6/16/2014 Document #: 2014-14051 Effective date 7/1/2014

This notice advises the public of the Federal Aviation Administration's determinations regarding Passenger Facility Charge applications during May 2014.

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

Issued 6/17/2014 Document #: 2014-14085 Comments due 6/27/2014

This notice advises the public that the Federal Aviation Administration (FAA) has received a petition from Boeing for time-limited relief from 14 C.F.R. § 25.1305(c)(5) at amendment 25-120 in support of Certification Plan 15053, for the power plant ice protection system indication requirement on the Boeing Model 747-8 and 747-8F airplanes equipped with GENx-2B engines.

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

Issued 6/17/2014 Document #: 2014-14086 Comments due 6/27/2014

This notice advises the public that the FAA has received a petition from Boeing for time-limited relief from 14 C.F.R. § 25.1305(c)(5) at amendment 25-120 in support of Certification Plan 15053, for the power plant ice protection system indication requirement on Boeing Model 787-8 and 787-9 airplanes equipped with GENx-1B/B175 engines.

**Notice: Aviation Weather Product Change: Transition of Select Area Forecasts (FAs) to Digital and Graphical Alternatives**

Issued 6/19/2014 Document #: 2014-14364 Comments due 8/4/2014

This notice advises the public the Federal Aviation Administration (FAA), in coordination with the National Weather Service (NWS), will transition seven (7) Area Forecasts (FAs), currently used as flight planning and pilot weather briefing aids, to digital and graphical alternatives.

**Meeting: National Parks Overflights Advisory Group Aviation Rulemaking Committee**

Meeting dates 7/22–23/2014 Meeting times 8:30 am–4:00 pm MST (7/22);  
8:30 am–12:30 pm MST (7/23)

This notice advises the public that the Federal Aviation Administration and the National Park Service announce the next meeting of the National Parks Overflights Advisory Group Aviation Rulemaking Committee.



**Notice: Special Authorization (SA) Category (CAT) I Instrument Landing System (ILS) Missed Approach Procedure Evaluation and Documentation Requirements**

Issued 6/19/2014 Document #: 8260.74 Effective date 6/19/2014

This notice revises policy for evaluating the missed approach segment of an SA CAT I ILS approach procedure established under Order 8400.13, Procedures for the Evaluation and Approval of Facilities for Special Authorization Category I Operations and All Category II and III Operations. It also removes duplicative documentation requirements that have since been incorporated into Order 8260.19, Flight Procedures and Airspace.

**Notice: Procedures for A380-800 and An225 Aircraft**

Issued 6/18/2014 Document #: JO 7110.677 Effective date 6/19/2014

This notice delineates air traffic procedures that are applicable to Airbus A380-800 (A388) and Antonov An225 (An225) operations. The procedures contained in this notice supplement existing guidance contained in Federal Aviation Administration (FAA) Order JO 7110.65,

Air Traffic Control. This notice cancels and replaces N JO 7110.626.

**Notice: Handling Weather Deviations into Active Special Activity Airspace (SAA)**

Issued 6/17/2014 Document#: JO 7110.675 Effective date 6/17/2014

This notice provides guidance to facilities regarding the handling of aircraft weather deviations into active SAA. In addition this notice amends existing guidance contained in JO 7110.65, Air Traffic Control, paragraph 9-3-2. This notice replaces JO 7110.622, Handling Weather Deviations into Active Special Use Airspace, effective June 16, 2013.

**Notice: Procedures for Conducting Telecons for Weather Impacted Special Activity Airspace (SAA)**

Issued 6/17/2014 Document #: JO 7210.871 Effective date 6/17/2014

This notice provides guidance to facilities applicable to conducting telecons when weather is forecasted to impact an active or scheduled SAA. The procedures contained in this notice supplement existing guidance contained JO 7210.3, Facility Operation and Administration. This notice replaces JO 7210.847, Procedures for Conducting Telecons for Weather Impacted Special Use Airspace, effective June 16, 2013.

**Meeting: 2nd Meeting of the RTCA Special Committee 229, 406 MHz Emergency Locator Transmitters (ELTs) Joint With EUROCAE WG-98 Committee**

Meeting dates 9/3–5/2014 Meeting time 9:30 a.m.–4:00 p.m. CEST

This notice advises the public of the second meeting of the 406 MHz Emergency Locator Transmitters (ELTs) Joint with EUROCAE WG-98 Committee, which will be held at CNES, 18 Avenue Edouard Belin 31400 Toulouse, France.

**Meeting: 61st Meeting of the RTCA Special Committee 186, Automatic Dependent Surveillance-Broadcast (ADS-B)**

Meeting dates 7/15–17/2014 Meeting time 9:00 a.m.–1:00 p.m. EST

This notice advises the public of the sixty first meeting of the RTCA Special Committee 186, Automatic Dependent Surveillance-Broadcast (ADS-B), which will be held at the RTCA Headquarters, 1150 18th Street NW, Suite 910, Washington, DC 20036.

**Meeting: 26th Meeting of the RTCA Special Committee 224, Airport Security Access Control Systems**

Meeting date 7/24/2014 Meeting time 10:00 a.m.–12:00 p.m. EST

This notice advises the public of the twenty-sixth meeting of the RTCA Special Committee 224, Airport Security Access Control Systems, which will be held at RTCA, Inc., 1150 18th Street NW, Suite 910, Washington, DC 20036.

**Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Aviation Maintenance Technical Schools**

Issued 6/24/2014 Document #: 2014-14688 Comments due 7/24/2014

This notice advises the public that the FAA invites public comments about its intention to request the Office of Management and Budget (OMB) approval to renew an information collection regarding applicant eligibility and compliance for certification of Civil Aviation mechanics and operation of aviation mechanic schools.

**Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Certification: Mechanics, Repairmen, and Parachute Riggers**

Issued 6/24/2014 Document #: 2014-14687 Comments due 7/24/2014

This notice advises the public that the FAA invites public comments about its intention to request OMB approval to renew an information collection regarding certification eligibility requirements for mechanics, repairmen, parachute riggers, and inspection authorizations.

**Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Maintenance, Preventative Maintenance, Rebuilding and Alteration**

Issued 6/24/2014 Document #: 2014-14689 Comments due 7/24/2014

This notice advises the public that the FAA invites public comments about its intention to request OMB approval to renew an information collection regarding FAR Part 43, which prescribes the rules governing maintenance, rebuilding, and alteration of aircraft components, and is necessary to ensure this work is performed by qualified persons and at proper intervals.

**Notice: Agency Information Collection Activities: Requests for Comments; Clearance of Renewed Approval of Information Collection: Notice of Proposed Construction or Alteration, Notice of Actual Construction or Alteration, Project Status Report**

Issued 6/24/2014 Document #: 2014-14690 Comments due 7/24/2014

This notice advises the public that the FAA invites public comments about its intention to request OMB approval to renew an information collection regarding form 7460-1 and the effect a proposed construction or alteration would have on air navigation and the National Airspace System (NAS), and the information collected on form 7460-2 to measure the progress of actual construction.

**Notice: Aviation Rulemaking Advisory Committee Airman Certification System Working Group**

Issued 6/25/2014 Document #: 2014-14791 Comments due 7/15/2014

This notice advises the public of the availability of draft Airman Certification Standards documents developed by the Airman Certification Standards Working Group for the commercial pilot certificate and the authorized instructor certificate.

**Notice: [Petition for Exemption; Summary of Petition Received: Gulf and Caribbean Cargo, Inc.](#)**

Issued 6/25/2014 Document #: 2014-14791 Comments due 8/25/2014

This notice contains a summary of a petition from Gulf and Caribbean Cargo, Inc., which seeks an exemption from 14 C.F.R. § 121.436 for its pilots in cargo operations to allow the pilot in command of the turbojet airplanes in Part 135 operations to count that pilot in command time toward the experience requirements of 14 C.F.R. § 121.436 regardless of whether the airplane was configured to carry passengers or cargo.

**Notice: [Approval of Noise Compatibility Program; Martin County Airport/Witham Field, Stuart, FL](#)**

Issued 6/26/2014 Document #: 2014-14894

This notice advises the public that the Federal Aviation Administration (FAA) announces its findings on the Noise Compatibility Program submitted by Martin County under the provisions of 49 U.S.C. (the Aviation Safety and Noise Abatement Act) and 14 C.F.R. § 150.

**Notice: [Petition for Exemption; Summary of Petition Received: Astraeus Aerial](#)**

Issued 6/26/2014 Document #: 2014-15025 Comments due 7/16/2014

This notice contains a summary of a petition from Astraeus Aerial seeking relief from specified requirements of 14 CFR to operate commercially a small unmanned vehicle (55lbs or less) in motion picture and television operations.

**Notice: [Agency Information Collection Activities; Proposals, Submissions, and Approvals: High Density Traffic Airports; Slot Allocation and Transfer Methods](#)**

Issued 6/27/2014 Document #: 2014-15159 Comments due 7/28/2014

This notice advises the public that the Federal Aviation Administration (FAA) invites public comments about its intention to request the Office of Management and Budget (OMB) approval to renew an information collection needed to allocate slots and maintain accurate records of slot transfers at High Density Traffic Airports.

**Notice: [Agency Information Collection Activities; Proposals, Submissions, and Approvals: Implementation to the Equal Access to Justice Act](#)**

Issued 6/27/2014 Document #: 2014-15154 Comments due 7/28/2014

This notice advises the public that the FAA invites public comments about its intention to request OMB approval to renew an information collection needed to determine an applicant's eligibility for an award of attorney's fees and other expenses under the Equal Access to Justice Act.

**Notice: [Agency Information Collection Activities; Proposals, Submissions, and Approvals: Pilots Convicted of Alcohol or Drug-Related Motor Vehicle Offenses or Subject to State Motor Vehicle Administrative Procedure](#)**

Issued 6/27/2014 Document #: 2014-15152 Comments due 7/28/2014

This notice advises the public that the FAA invites public comments about its intention to request OMB approval to renew an information collection needed to mitigate potential hazards presented by airmen using alcohol or drugs in flight, to identify persons possibly unsuitable for pilot certification.

**Notice: [Policy for Discontinuance of Certain Instrument Approach Procedures](#)**

Issued 6/27/2014 Document #: 2014-14913

This action adopts with minor modification, the policy proposed in the Federal Register on August 2, 2013. Under this policy, the FAA establishes the criteria to identify certain non-directional beacon and very high frequency omnidirectional radio range instrument approach procedures that can be considered for cancellation.

**Notice: [Proposed Airport Access Restriction](#)**

Issued 6/27/2014 Document #: 2014-15150 Comments due 7/28/2014

This notice advises the public that the FAA announces that it has determined the application for an airport noise and access restriction submitted by the Los Angeles World Airports for Los Angeles International Airport under the provisions of 49 U.S.C. 47524 of the ANCA, and 14 CFR part 161, to be complete.

**Notice: [Notice of Intent to Rule on Request To Release Deed Restrictions at the Yellowstone Airport, West Yellowstone, Montana](#)**

Issued 6/30/2014 Document #: 2014-15314

This notice advises the public that the Federal Aviation Administration is issuing this notice to advise the public that, effective immediately, it is rescinding the Notice of Intent to rule on the request to release deed restrictions at Yellowstone Airport under the provisions of 49 U.S.C. § 47125 that was published on January 28, 2014.

**Notice: [Petition for Exemption; Summary of Petition Received: Trimble Navigation Limited](#)**

Issued 6/30/2014 Document #: 2014-15195 Comments due 7/21/2014

Trimble Navigation Limited is seeking an exemption to permit commercial operation of Trimble's UX5, which weighs 5.5 lbs and performs precision aerial surveys that consist of still photographs taken by onboard cameras.

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