Final Documents—November 2013

*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: DG Flugzeugbau DG-1000T Gliders

Issued 11/04/2013 Docket #: FAA-2013-0929 Effective 11/25/2013

This AD requires inspecting for and correcting engine shaft failure and consequent propeller detachment.

AD: Eurocopter France AS332 and EC225 Helicopters

Issued 11/04/2013 Docket #: FAA-2013-0479 Effective 12/09/2013

This AD requires inspecting the intermediate gearbox (IGB) fairing for a crack and inspecting the IGB fairing gutter for a crack, separation, or interference.

AD: Bell Helicopter Textron Canada 206 Helicopters

Issued 11/05/2013 Docket #: FAA-2013-0488 Effective 12/10/2013

This AD requires installing a placard beneath the engine power dual tachometer and revising the operating limitations section of the rotorcraft flight manual.

AD: Embraer EMB135 and EMB145 Airplanes

Issued 11/05/2013 Docket #: FAA-2013-0868 Effective 11/20/2013

This AD requires inspecting to detect discrepancies on the attaching parts of the lower eyelet fitting of the cockpit windshield center-post, checking to make sure the bolts are tight, and replacing the attaching parts if necessary.

AD: The Boeing Company 747 Airplanes

Issued 11/05/2013 Docket #: FAA-2013-0328 Effective 12/10/2013

This AD supersedes an existing rule and requires inspecting the Section 44 upper deck floor beam upper chords and replacing them if necessary.

AD: Agusta AW139 Helicopters

Issued 11/08/2013 Docket #: FAA-2012-0529 Effective 12/13/2013

This AD requires replacing certain solder splices in the co-pilot audio system.

AD: Bell Helicopter 206 and 407 Helicopters

Issued 11/08/2013 Docket #: FAA-2013-0481 Effective 12/13/2013

This AD requires inspecting, labeling, and replacing the float inflation hoses.

AD: DG Flugzeugbau DG-500 and DG-800 Gliders

Issued 11/08/2013 Docket #: FAA-2013-0927 Effective 11/18/2013

This AD requires correcting a defective starter motor control unit, which could activate the starter motor without pressing the starter button.

AD: Embraer EMB-505 Airplanes

Issued 11/08/2013 Docket #: FAA-2013-0936 Effective 11/08/2013

This AD requires repairing cracking in the stator pressure plate of the brake assembly, which may lead to loss of brake parts on the runway and reduced brake capability with possible runway excursion.

AD: Eurocopter Deutschland BO105 Helicopters

Issued 11/08/2013 Docket #: FAA-2013-0519 Effective 12/13/2013

This AD requires installing a placard on the instrument panel and revising the limitations section of the rotorcraft flight manual.

AD: Pilatus Aircraft PC-7 Airplanes

Issued 11/08/2013 Docket #: FAA-2013-0928 Effective 11/29/2013

This AD requires repairing chafing on the wiring harness attached to the engine mounting frame on the right-hand side of the engine compartment, which could cause a short circuit and could result in a fire in the engine compartment.

AD: Sikorsky Aircraft Corporation S-76 Helicopters

Issued 11/08/2013 Docket #: FAA-2013-0514 Effective 12/13/2013

This AD requires certain inspections of each spindle cuff assembly or blade fold cuff assembly for a crack. If there is a crack, this AD requires replacing the cracked part. If there is no crack, this AD requires applying white paint to the inspection area to enhance the existing inspection procedure.

AD: Aermacchi F.260 and S.208 Airplanes

Issued 11/14/2013 Docket #: FAA-2013-0939 Effective 12/16/2013

This AD requires determining if the set screw that fixes the setting of the propeller governor idler gear shaft is in the proper position.

AD: Airbus A330 and A340 Airplanes

Issued 11/14/2013 Docket #: FAA-2013-0329 Effective 12/19/2013

This AD supersedes an existing rule and requires that operators modify or replace all three flight control primary computers with new software standards.

AD: Airbus A330 Airplanes

Issued 11/14/2013 Docket #: FAA-2013-0212 Effective 12/19/2013

This AD requires a torque check of forward engine mount bolts, and replacement if necessary.

AD: Dassault Aviation Fan Jet Falcon, Mystere-Falcon 20, and Mystere-Falcon 200 Airplanes

Issued 11/14/2013 Docket #: FAA-2013-0626 Effective 12/19/2013

This AD requires checking manufacturing references of pyrotechnical cartridges for batch number and date, repetitive checking of cartridges for electrical continuity, and replacing defective pyrotechnical cartridges if necessary.

AD Correction: Rolls-Royce RB211 Turbofan Engines

Issued 11/14/2013 Docket #: FAA-2013-0029 Effective 11/07/2013

This AD corrects an existing rule by providing the appropriate AD number in the regulatory text.

AD: The Boeing Company 747 Airplanes

Issued 11/14/2013 Docket #: FAA-2013-0871 Effective 11/29/2013

This AD requires inspecting to determine the part number of the inboard actuator attach fittings of the outboard flap. For affected attach fittings, this AD requires a detailed inspection of the attach fittings for a cylindrical defect, and replacing if necessary.

AD: EADS CASA CN-235 Airplanes

Issued 11/15/2013 Docket #: FAA-2013-0870 Effective 12/02/2013

This AD requires inspection of the feeder cables of certain fuel booster pumps for damage (including, but not limited to, signs of electrical arcing and fuel leaks), and replacement if necessary.

AD: Fokker Services F.28 Mark 0070 and 0100 Airplanes

Issued 11/15/2013 Docket #: FAA-2013-0630 Effective 12/20/2013

This AD requires installing fuses in the power supply wiring and/or return wiring for various components in the fuel system; and revising the airplane maintenance program by incorporating critical design configuration control limitations.

AD: The Boeing Company 737 Airplanes

Issued 11/15/2013 Docket #: FAA-2012-0426 Effective 12/20/2013

This AD requires replacing titanium seat track bolts with corrosion resistant steel bolts, repetitive inspections for cracking of the splice strap and forward seat track holes, and related investigative and corrective actions if necessary.

AD: Turbomeca Arriel 2 Turboshaft Engines

Issued 11/15/2013 Docket #: FAA-2012-0940 Effective 12/20/2013

This AD supersedes an existing rule and requires conducting inspections of the hydromechanical metering unit.

AD: Sikorsky S-64E Helicopters

Issued 11/22/2013 Docket #: FAA-2013-0556 Effective 12/27/2013

This AD requires supersedes an existing rule, reflects that the type certificate for this model helicopter has been transferred to Erickson Air-Crane Incorporated, and expands the applicability to include the similar Erickson Model S-64F helicopters.

AD: Eurocopter France AS350 and AS355 Helicopters

Issued 11/22/2013 Docket #: FAA-2013-0523 Effective 12/27/2013

This AD requires removing from service certain part-numbered nuts and washers from the lower ball-joint bolt.

AD: Aquila Aviation AT01 Airplanes

Issued 11/25/2013 Docket #: FAA-2013-0963 Effective 12/30/2013

This AD requires correcting defective sealing of a tapped through bore hole at the inside of the fuel tank openings in combination with prolonged periods at maximum fuel level.

AD: Airbus A300 Airplanes

Issued 11/25/2013 Docket #: FAA-2013-0418 Effective 12/30/2013

This AD requires a check of maintenance records to determine if certain repairs were done in area one of the frame base fittings, and, for affected airplanes, a detailed inspection for cracking in area two of the frame base fittings between frame 41 and frame 46, and repair if necessary.

AD: Eurocopter France AS350 and AS355 Helicopters

Issued 11/25/2013 Docket #: FAA-2013-0354 Effective 12/30/2013

This AD supersedes an existing rule, clarifies the inspection procedures, and limits the applicability to only those helicopters with collective-to-yaw control coupling.

AD: Eurocopter France AS332 and EC225 Helicopters

Issued 11/25/2013 Docket #: FAA-2013-0487 Effective 12/30/2013

This AD requires inspecting the torque value of the bolts that secure the front and rear main gearbox suspension bar attaching fittings, and re-torqueing the bolts to the proper value if the torque value is out of tolerance. This AD also requires, if the torque value is out of tolerance by more than 20 percent, inspecting the bolts, frames, and related equipment for a crack and repairing or replacing them.

AD: Rolls-Royce Deutschland Tay Engines

Issued 11/25/2013 Docket #: FAA-2013-0397 Effective 12/30/2013

This AD requires a one-time inspection of the high-pressure air bleed valve operating mechanism and, depending on findings, corrective action.

AD: The Boeing Company 757 Airplanes

Issued 11/25/2013 Docket #: FAA-2013-0693 Effective 12/30/2013

This AD requires an inspection of the left- and right-hand wing fuel tank access doors to determine that impact-resistant access doors are installed in the correct locations. This AD also requires an inspection for stencils and index markers on impact-resistant access doors, and application of new stencils or index markers if necessary. Lastly, this AD requires revising the maintenance program to incorporate changes to the airworthiness limitations section.

AD: The Boeing Company 747 Airplanes

Issued 11/25/2013 Docket #: FAA-2013-0461 Effective 12/30/2013

This AD supersedes an existing rule and requires repetitive inspections for skin cracks next to the shear tie on airplanes with certain existing repair doublers, and corrective actions if necessary. This AD also revises the applicability to include additional airplanes.

AD: The Boeing Company 757 Airplanes

Issued 11/25/2013 Docket #: FAA-2013-0334 Effective 12/30/2013

This AD requires repetitive inspections of the forward support fitting assemblies of the inboard track of the left and right inboard flaps for cracking, and corrective actions if necessary.

AD: Thielert Aircraft Engines TAE 125 Reciprocating Engines

Issued 11/25/2013 Docket #: FAA-2013-0561 Effective 12/30/2013

This AD requires applying sealant to close the engine clutch housing (crankcase assembly) opening.

AD: XtremeAir XA42 Airplanes

Issued 11/25/2013 Docket #: FAA-2013-0998 Effective 11/25/2013

This AD requires repairing cracks in a weld seam between the lower left landing gear attachment bearing and the lower engine mount to the firewall attachment plate, which could reduce the structural integrity of the airplane and result in engine separation.

AD: Rolls-Royce RB211 Turbofan Engines

Issued 11/26/2013 Docket #: FAA-2013-0750 Effective 12/11/2013

This AD requires removal of certain high-pressure and intermediate-pressure turbine discs before their accumulated cyclic lives have reached the revised limits.

AD: Rolls-Royce RB211 Turbofan Engines

Issued 11/26/2013 Docket #: FAA-2013-0880 Effective 12/11/2013

This AD requires replacement or repair of the low-pressure compressor fan blade set before reaching a specified number of flight cycles since new or flight cycles since last leading edge profile blade repair.

AD: The Boeing Company 747 and 787 Airplanes

Issued 11/27/2013 Docket #: FAA-2013-0974 Effective 11/27/2013

This AD requires revising the airplane flight manual to advise the flight crew of potential ice crystal icing (ICI) conditions at high altitudes, and to prohibit operation in moderate and severe ICI conditions. This AD also requires inspecting the engine after any ICI event is detected by the flight crew.

Special Conditions (SCs)

SC: Bombardier BD-500 Airplanes; Design Roll Maneuver Condition

Issued 11/12/2013 Docket #: FAA-2013-0843 Effective 11/12/2013

These special conditions address a novel or unusual design feature associated with an electronic flight control system that provides roll control of the airplanes through pilot inputs to the flight computers.

SC: Boeing 777 Airplanes; Aircraft Electronic System Security Protection From Unauthorized External Access

Issued 11/18/2013 Docket #: FAA-2013-0959 Effective 11/18/2013

These special conditions address a novel or unusual design feature associated with the architecture and connectivity capabilities of the airplane's onboard network computer systems, which may allow access to or by external computer systems and networks.

SC: Boeing 777 Airplanes; Aircraft Electronic System Security Protection From Unauthorized Internal Access

Issued 11/18/2013 Docket #: FAA-2013-0958 Effective 11/18/2013

These special conditions address a novel or unusual design feature associated with the architecture and connectivity of the passenger service computer network systems to the airplane critical systems and data networks.

SC: Boeing 777 Airplanes; Aircraft Electronic System Security Protection From Unauthorized External Access

Issued 11/27/2013 Docket #: FAA-2013-1000 Effective 11/27/2013

These special conditions address a novel or unusual design feature associated with Class 3 Electronic Flight Bags (EFB) and wireless local area data networks associated with the EFB architecture and existing airplane network systems.

SC: Boeing 777 Airplanes; Aircraft Electronic System Security Protection From Unauthorized Internal Access

Issued 11/27/2013 Docket #: FAA-2013-0999 Effective 11/27/2013

These special conditions address a novel or unusual design feature associated with Class 3 Electronic Flight Bags (EFB) and wireless local area data networks associated with the EFB architecture and existing airplane network systems.

Your Two Cents—November 2013

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.

NPRM, Airworthiness Directive (AD)

NPRM AD: Diamond Aircraft Industries DA42 Airplanes

Issued 11/06/2013 Docket #: FAA-2013-0937 Comments due 12/23/2013

This proposed AD would require correcting the failure of the alternator indication system to indicate warning when one alternator is inoperative.

NPRM AD: Eurocopter France SA365 and AS365 Helicopters

Issued 11/06/2013 Docket #: FAA-2013-0938 Comments due 01/06/2014

This proposed AD would require repetitively inspecting frame number nine for a crack.

NPRM AD: Airbus A330 and A340 Airplanes

Issued 11/07/2013 Docket #: FAA-2013-0834 Comments due 12/23/2013

This proposed AD would supersede an existing rule and would require revising the maintenance program to incorporate certain maintenance requirements and airworthiness limitations. The proposed AD also removes Airbus A340-200, -300, -500, and -600 airplanes from the applicability.

NPRM AD: The Boeing Company 767 Airplanes

Issued 11/07/2013 Docket #: FAA-2013-0869 Comments due 12/23/2013

This proposed AD would require inspecting certain trailing edge flap support rib assemblies to determine if the bearings have a roller retention feature, and performing corrective actions if necessary; and inspecting for bearing damage of each pair of removed bearings, and performing related investigative and corrective actions if necessary.

NPRM AD: Dornier Luftfahrt 228-212 Airplanes

Issued 11/19/2013 Docket #: FAA-2013-0962 Comments due 01/03/2014

This proposed AD would require correcting a main landing gear axle failure caused by initial fatigue cracking and small pre-damage by corrosion.

NPRM AD: Rockwell Collins TPR-720 and TPR-900 Transponders

Issued 11/19/2013 Docket #: FAA-2013-0966 Comments due 01/03/2014

This proposed AD would require testing and calibration of the transponders alignment.

NPRM AD: Rolls-Royce BR700 Turbofan Engines

Issued 11/19/2013 Docket #: FAA-2012-1202 Comments due 01/21/2014

This proposed AD would supersede an existing rule, would restrict the applicability to engines exposed to silver plated nuts, and would require removal from service of certain high-pressure compressor stages 1 to 6 rotor disc assemblies before exceeding certain thresholds.

NPRM AD: AgustaWestland A109 and A119 Helicopters

Issued 11/20/2013 Docket #: FAA-2013-0943 Comments due 01/21/2014

This proposed AD would require recurring visual inspections of the tail rotor blade retaining bolts for a crack, corrosion, damage, or missing cadmium plating in the central part of the bolt. If a crack is not detected by the initial visual inspection then this proposed AD would require a liquid penetrant inspection. Replacing a cracked or damaged bolt would be required before further flight.

NPRM AD Withdrawal: Airbus A330 Airplanes

Issued 11/20/2013 Docket #: FAA-2013-0972

The FAA withdraws a proposed AD that would have required replacement of the elevator servo-controls with new servo-controls when the existing parts have reached their operational life limit.

NPRM AD: Piaggio Aero Industries P-180 Airplanes

Issued 11/20/2013 Docket #: FAA-2013-0964 Comments due 01/06/2014

This proposed AD would require correcting insufficient clearance between one of the horizontal stabilizer end ribs and the corresponding elevator horn.

NPRM AD: Piaggio Aero Industries P-180 Airplanes

Issued 11/20/2013 Docket #: FAA-2013-0967 Comments due 01/06/2014

This proposed AD would require correcting internal leakage of a steering select/bypass valve, which could lead to loss of directional control on ground during take-off or landing, possibly resulting in a runway excursion.

NPRM AD: Slingsby Aviation T67M260 Airplanes

Issued 11/21/2013 Docket #: FAA-2013-0997 Comments due 01/06/2014

This proposed AD would require repairing cracked horizontal stabilizer attachment brackets, which could lead to separation of the horizontal stabilizer and result in loss of control.

NPRM AD: Airbus A300 and A310 Airplanes

Issued 11/22/2013 Docket #: FAA-2013-0973 Comments due 01/06/2014

This proposed AD would require repetitive functional tests of the circuit breakers for the fuel pump power supply, and replacement of any circuit breaker that fails any functional test or is found to be stuck closed.

NPRM AD: Eurocopter France EC225 Helicopters

Issued 11/25/2013 Docket #: FAA-2013-0984 Comments due 01/24/2014

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

NPRM AD: Lycoming Engines Fuel Injected Reciprocating Engines

Issued 11/25/2013 Docket #: FAA-2007-0218 Comments due 01/09/2014

This proposed AD would supersede an existing rule, would expand the scope of affected engine models, and would require inspection, replacement, and proper clamping of externally mounted fuel injector fuel lines.

NPRM AD: ATR-GIE Avions de Transport Regional ATR42 and ATR72 Airplanes

Issued 11/27/2013 Docket #: FAA-2013-0975 Comments due 01/13/2014

This proposed AD would supersede an existing rule and would require repetitive detailed inspections of the cockpit forward side window for damage and discrepancies.. Replacing both cockpit forward side windows with approved windows would terminate the repetitive detailed inspections. This proposed AD would also expand the applicability.

NPRM AD: Rolls-Royce Deutschland Tay Turbofan Engines

Issued 11/29/2013 Docket #: FAA-2006-24777 Comments due 01/28/2014

This proposed AD would supersede an existing rule, would require additional inspections for affected engines, and would remove the Tay 611-8 engine from the applicability.

Proposed Special Conditions

SC: Learjet Inc. Model LJ-200-1A10; Airplane Fuselage Post-Crash Fire Survivability

Issued 11/05/2013 Docket #: FAA-2013-0601 Comments due 12/20/2013

These proposed special conditions would address a novel or unusual design feature associated with advanced composite materials in the construction of the aircraft's fuselage and wings.

SC: Airbus A350 Airplanes; Side Stick Controllers

Issued 11/08/2013 Docket #: FAA-2013-0903 Comments due 12/23/2013

These proposed special conditions would address a novel or unusual design feature associated with side stick controllers for pitch and roll control instead of conventional wheels and columns.

SC: Bombardier BD-500 Airplanes; Autobraking System Loads

Issued 11/12/2013 Docket #: FAA-2013-0942 Comments due 12/27/2013

These proposed special conditions would address a novel or unusual design feature associated with the autobraking system for use during landing.

SC: Airbus A350 Airplanes; Pitch and Roll Limiting by Electronic Flight Control System

Issued 11/12/2013 Docket #: FAA-2013-0902 Comments due 12/27/2013

These proposed special conditions would address a novel or unusual design feature associated with the electronic flight control system that limits pitch and roll attitude functions.

SC: Airbus A350 Airplanes; Transient Engine Failure Loads

Issued 11/12/2013 Docket #: FAA-2013-0897 Comments due 12/27/2013

These proposed special conditions would address a novel or unusual design feature associated with the new generation of high bypass engines and the potential loads resulting from extreme engine failure conditions.

SC: Airbus A350 Airplanes; Composite Fuselage In-Flight Fire/Flammability Resistance

Issued 11/15/2013 Docket #: FAA-2013-0898 Comments due 12/30/2013

These proposed special conditions would address a novel or unusual design feature associated with the in-flight fire and flammability resistance of the composite fuselage, specifically to eliminate fire propagation on the surface of interior and insulating materials and enhance survivability through a reduction in the threats from an in-flight fire (e.g., toxic gas emission and smoke obscuration).

Notices

Notice: Incorporation by Reference

Issued 11/18/2013 Docket #: OFR-2013-0001 Comments due 01/31/2013

This notice of proposed rulemaking extends a previously proposed rule's comment period and corrects the docket number.

Notice: Notice of Public Meeting of the Assembly of the Administrative Conference of the United States

Issued 11/20/2013 Document #: 2013-27815

This notice announces the Administrative Conference of the United States will hold a public meeting on Dec.5-6 to consider three proposed recommendations and one proposed statement, and to conduct other business.