

**FEDERAL AVIATION ADMINISTRATION  
AIRWORTHINESS DIRECTIVES**

**SMALL AIRPLANES, ROTORCRAFT, GLIDERS,  
BALLOONS, & AIRSHIPS**

**BIWEEKLY 2014-11**

*5/19/2014 - 6/1/2014*



Federal Aviation Administration  
Engineering Procedures Office, AIR-110  
P.O. Box 25082  
Oklahoma City, OK 73125-0460

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**SMALL AIRCRAFT, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS**

AD No.	Information	Manufacturer	Applicability
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Information Key: E - Emergency; COR - Correction; S – Supersedes

**Biweekly 2014-01**

2013-26-09		Turbomeca S.A.	ASTAZOU XIV B and XIV H engines
2013-26-13		Sikorsky Aircraft Corporation	S-70, S-70A, S-70C, S-70C (M), and S-70C (M1) helicopters
99-01-05 R1		See AD	See AD

**Biweekly 2014-02**

2013-25-13		Sikorsky Aircraft Corporation	S-70, S-70A, and S-70C helicopters
2013-26-11		Eurocopter France Helicopters	EC225LP helicopters
2014-01-01		Turbomeca S.A.	Arrius 2F turboshaft engines

**Biweekly 2014-03**

2014-01-02		Eurocopter Deutschland GmbH	EC135P2+ and EC135T2+ helicopters
2014-02-02		Bell Helicopter Textron Canada Limited	206L, L-1, L-3, and L-4 helicopters
2014-02-03	S 2011-27-51	Beechcraft Corporation	1900, 1900C, 1900C (Military) and 1900D
2014-02-04		Eurocopter France	EC 155B and EC155B1 helicopters
2014-02-05		Eurocopter France	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, and AS350D1 helicopters
2014-02-07		Costruzioni Aeronautiche Tecnam srl	P2006T
2014-02-08		Agusta S.p.A.	A109C, A109S, A109K2, A109E, and AW109SP helicopters
2014-02-09		Eurocopter France	EC225LP and AS332L1 helicopters

**Biweekly 2014-04**

2014-03-02		Airbus Helicopters	AS332C, AS332L, AS332L1, AS332L2, SA330J helicopters
2014-03-10		Various Restricted Category Helicopters	See AD
2014-03-11		Bell Helicopter Textron, Inc.	204B helicopters

**Biweekly 2014-05**

2014-02-06		Agusta S.p.A.	AB412 helicopters
2014-03-01		Agusta S.p.A.	AB139 and AW139 helicopters
2014-03-03		Cessna Aircraft Company	310, 320, 340, 401, 402, 411, 414, and 421 airplanes
2014-03-18		B-N Group Ltd.	BN-2 airplanes
2014-03-20		Piaggio Aero Industries S.P.A	P-180 airplanes
2014-04-01		Slingsby Aviation Ltd.	T67M260 airplanes
2014-04-02		Dornier Luftfahrt GmbH	228-212 airplanes
2014-04-03		Pacific Aerospace Limited	750XL airplanes
2014-04-04		Diamond Aircraft Industries GmbH	DA 42 NG and DA 42 M NG airplanes
2014-04-06		Turbomeca S.A.	Arrius 2B1, 2B1A, 2B2, and 2K1 turboshaft engines
2014-04-11		Airbus Helicopters	AS350B, BA, B1, B2, B3, D; and AS355E, F, F1, F2, and N helicopters
2014-04-12		Airbus Helicopters	EC225LP helicopters
2014-04-14		Agusta S.p.A.	A109S, AW109SP, A119, and AW119 MKII helicopters

**Biweekly 2014-06**

2011-22-05 R1		Airbus Helicopters	AS350B, B1, B2, B3, BA, C, D, D1; and Model AS355E, F, F1, F2, N, and NP helicopters
2014-04-13		Agusta S.p.A.	AB412 and AB412 EP helicopters
2014-05-01		Eurocopter Deutschland	EC135P1, EC135P2, EC135P2+, EC135T1, EC135T2, and EC135T2+ helicopters
2014-05-04		Eurocopter Deutschland	MBB-BK 117 C-2 helicopters
2014-05-06		Eurocopter Deutschland	EC135 P1, P2, P2+, T1, T2, and T2+ helicopters
2014-05-07		Airbus Helicopters	AS350B, BA, B1, B2, C, D, and D1 helicopters and Model AS355E, F, F1, F2, and N helicopters
2014-05-08		Airbus Helicopters	AS332L1 helicopters
2014-05-11		Airbus Helicopters	AS332C, AS332L, AS332L1, AS332L2, EC225LP, and SA330J helicopters
2014-05-15		Airbus Helicopters	AS332C, AS332L, AS332 L1, and AS332 L2 helicopters; SA330J helicopters

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2014-05-29 2014-06-01	S 2009-16-03	Continental Motors M7 Aerospace	IO-520, TSIO-520, and IO-550 series reciprocating engines SA226-AT, SA226-T, SA226-T(B), SA226-TC, SA227-AC (C-26A), SA227-AT, SA227-BC (C-26A), SA227-CC, SA227-DC (C-26B), SA227-TT, SA26-AT, and SA26-T airplanes
<b>Biweekly 2014-07</b>			
2014-05-10	S 2012-25-04	Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters
2014-05-27 2014-06-03		Rockwell Collins British Aerospace Regional Aircraft	Mode S transponders Jetstream Series 3101 and Jetstream Model 3201 airplanes
2014-06-06 2014-06-07 2014-06-51	S 2013-12-06	SOCATA Alexander Schleicher Airbus Helicopters Deutschland	TBM 700 airplanes ASK 21 gliders MBB-BK 117 A-3, MBB-BK 117 A-4, MBB-BK 117 B-1, and MBB-BK 117 C-2 helicopters
2014-07-51 2014-07-52		Agusta Airbus Helicopters	AB139 and AW139 helicopters AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters
<b>Biweekly 2014-08</b>			
2014-07-04 2014-07-06	S 2007-19-09R1	Sikorsky Turbomeca S.A.	S-92A helicopters Arriel 2B1 turboshaft engines
<b>Biweekly 2014-09</b>			
2014-07-07 2014-07-08 2014-07-09	S 87-02-04	British Aerospace (Operations) Limited Centrair British Aerospace Regional Aircraft	HP.137 Jetstream Mk.1, Jetstream Series 200, and Jetstream Series 3101 101, 101A, 101P, and 101AP gliders Jetstream Series 3101 and Model 3201
2014-07-10		Ballonbau Wörner GmbH	NL-280/STU, NL-380/STU, NL-510/STU, NL-640/STU, NL-840/STU, and NL-1000/STU balloons
2014-08-06 2014-08-10 2014-09-01 2014-09-02	COR S 2013-14-08	Sikorsky Aircraft Corporation Austro Engine GmbH AgustWestland S.p.A. M7 Aerospace LLC	S-76A, B, and C helicopters E4 engines A109C, A109E, A109K2, and A119 helicopters SA226-AT, SA226-T, SA226-T(B), SA226-TC, SA227-AC (C-26A), SA227-AT, SA227-TT, SA227-BC (C-26A), SA227-CC, SA227-DC (C-26B), SA26-T, and SA26-AT
2014-09-03	S 99-07-11	SOCATA	TBM 700
<b>Biweekly 2014-10</b>			
2014-09-04 2014-09-11 2014-09-12 2014-10-01	S 2009-21-08 R1 S 2008-24-11	Piaggio Aero Industries S.p.A. GROB-WERKE Alpha Aviation Concept Limited Vulcanair S.p.A.	P-180 G115EG and G120A R2160 P 68, P 68B, P 68C, P 68C-TC, P 68 "OBSERVER," P68TC "OBSERVER," and P68 "OBSERVER 2"
<b>Biweekly 2014-11</b>			
2014-10-03		Airbus Helicopters	AS332L1 and EC225LP helicopters



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**2014-10-03 Airbus Helicopters (Type Certificate previously held by Eurocopter France):**  
Amendment 39-17850; Docket No. FAA-2014-0306; Directorate Identifier 2013-SW-046-AD.

**(a) Applicability**

This AD applies to Model AS332L1 helicopters, serial number (S/N) 2774, and Model EC225LP helicopters, S/N 2600, 2623, 2645, 2656, 2659, 2663, 2666, 2670, 2673, 2685, 2691, 2692, 2693, 2702, 2715, 2716, 2721, 2725, 2739, 2744, 2747, 2753, 2756, 2759, 2767, 2779, and 2794, certificated in any category.

**(b) Unsafe Condition**

This AD defines the unsafe condition as engine ice ingestion during flight, which could result in complete loss of engine thrust and possible loss of control of the helicopter.

**(c) Effective Date**

This AD becomes effective June 11, 2014.

**(d) Compliance**

You are responsible for performing each action required by this AD within the specified compliance time unless it has already been accomplished prior to that time.

**(e) Required Actions**

Before flight into known icing conditions:

(1) For Model AS332L1 helicopter, S/N 2774, relocate the engine 1 Multi-Purpose Air Intake (MPAI) power supply circuit breaker as described in the Accomplishment Instructions, paragraph 3.B.2., and Figures 1, 2, and 3 of Eurocopter Alert Service Bulletin (ASB) No. AS332-30.00.74, Revision 0, dated July 31, 2013.

(2) For Model EC225LP helicopters, S/N 2600, 2623, 2645, 2656, 2659, 2663, 2666, 2670, 2673, and 2693, relocate the engine 2 MPAI power supply circuit breaker as described in the Accomplishment Instructions, paragraph 3.B.2.a., and Figures 1 and 2 of Eurocopter ASB No. EC225-30A032, Revision 0, dated July 31, 2013.

(3) For Model EC225LP helicopters, S/N 2685, 2691, 2692, 2702, 2715, 2716, 2721, 2725, 2739, 2744, 2747, 2753, 2756, 2759, 2767, 2779, and 2794, relocate the engine 2 MPAI power supply circuit breaker as described in the Accomplishment Instructions, paragraph 3.B.2.b., and Figures 1 and 3 of Eurocopter ASB No. EC225-30A032.

(4) For all model helicopters, perform a functional test of each MPAI after relocating the MPAI power supply circuit breaker.

**(f) Special Flight Permits**

Special flight permits are prohibited for flights into known icing conditions.

**(g) Alternative Methods of Compliance (AMOCs)**

(1) The Manager, Safety Management Group, FAA, may approve AMOCs for this AD. Send your proposal to: George Schwab, Aviation Safety Engineer, Safety Management Group, Rotorcraft Directorate, FAA, 2601 Meacham Blvd., Fort Worth, Texas 76137; telephone (817) 222-5110; email [george.schwab@faa.gov](mailto:george.schwab@faa.gov).

(2) For operations conducted under a 14 CFR part 119 operating certificate or under 14 CFR part 91, subpart K, we suggest that you notify your principal inspector, or lacking a principal inspector, the manager of the local flight standards district office or certificate holding district office, before operating any aircraft complying with this AD through an AMOC.

**(h) Additional Information**

The subject of this AD is addressed in European Aviation Safety Agency (EASA) AD No. 2013-0173, dated August 1, 2013. You may view the EASA AD on the internet at <http://www.regulations.gov> in Docket No. FAA-2014-0306.

**(i) Subject**

Joint Aircraft Service Component (JASC) Code: 3097: Ice/Rain Protection System Wiring.

**(j) Material Incorporated by Reference**

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(i) Eurocopter Alert Service Bulletin No. AS332-30.00.74, Revision 0, dated July 31, 2013.

(ii) Eurocopter Alert Service Bulletin No. EC225-30A032, Revision 0, dated July 31, 2013.

(3) For Eurocopter service information identified in this AD, contact Airbus Helicopters, Inc., 2701 N. Forum Drive, Grand Prairie, TX 75052; telephone (972) 641-0000 or (800) 232-0323; fax (972) 641-3775; or at <http://www.airbushelicopters.com/techpub>.

(4) You may view this service information at FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137. For information on the availability of this material at the FAA, call (817) 222-5110.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Fort Worth, Texas, on May 6, 2014.

Kim Smith,  
Directorate Manager, Rotorcraft Directorate,  
Aircraft Certification Service.