

**FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES**

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

BIWEEKLY 2018-26

12/10/2018 - 12/23/2018



Federal Aviation Administration
Continued Operational Safety Policy Section, AIR-141
P.O. Box 25082
Oklahoma City, OK 73125-0460

CHANGE OF ADDRESS NOTICE

Any change of address regarding the biweekly service must include the mailing label from a recent issue or your name and address printed exactly as they appear on the mailing label (including the computer number above the address).

Please allow one month for an address change.

MAIL YOUR ADDRESS CHANGE TO:

Superintendent of Documents
Government Printing Office
Mail List Branch SSOM
Washington, DC 20402

Telephone: (202) 512-1806
Facsimile: (202) 512-2250

SMALL AIRCRAFT, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

AD No.	Information	Manufacturer	Applicability
--------	-------------	--------------	---------------

Information Key: E – Emergency; COR – Correction; S – Supersedes; R – Replaces, A – Affects

Biweekly 2018-01

No ADs were published in this biweekly period.

Biweekly 2018-02

2018-01-12	S 2015-22-53	Airbus Helicopters	AS350B3 helicopters
2018-02-01	S 2015-08-51	Enstrom	F-28A, 280, F-28C, F-28C-2, F-28C-2R, 280C, F-28F, F-28F-R, 280F, and 280FX helicopters
2018-02-04		Aerospace Welding Minneapolis, Inc.	Mufflers
2018-02-07		Various Restricted Category Helicopters	UH-1H, UH-1B, TH-1F, UH-1F, and UH-1P helicopters
2018-02-08		Bell Helicopter Textron	204B, 205A, and 205A-1 helicopters

Biweekly 2018-03

2018-02-02		Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350D, AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP, EC130B4, and EC130T2 helicopters
2018-02-05		Piper Aircraft, Inc.	PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-181, PA-28-236, PA-28-201T, PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T airplanes
2018-02-13	S 2017-07-02	Sikorsky Aircraft Corporation	269D and Model 269D Configuration A helicopters
2018-02-14		Honeywell International Inc.	TPE331-1, -2, -2UA, -3U, -3UW, -5, -5A, -5AB, -5B, -6, -6A, -8, -10, -10AV, -10GP, -10GT, -10N, -10P, -10R, -10T, -10U, -10UA, -10UF, -10UG, -10UGR, -10UR, and -11U, -12JR, -12UA, -12UAR, -12UHR, -25AA, -25AB, -25DA, -25DB, -25FA, -43A, -43BL, -47A, -55B, and -61A model turboprop engines, and TSE331-3U model turboshaft engines
2018-02-15	S 2007-08-06	British Aerospace Regional Aircraft	HP.137 Jetstream Mk.1, Jetstream Series 200 and 3101, and Jetstream Model 3201 airplanes
2018-03-01		Agusta S.p.A.	AB139 and AW139 helicopters

Biweekly 2018-04

2018-03-03		Textron Aviation Inc.	401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425 airplanes
2018-03-05		Various Aircraft	See AD
2018-03-13		General Electric Company	CT7-5A2, CT7-5A3, CT7-7A, CT7-7A1, CT7-9B, CT7-9B1, CT7-9B2, CT7-9C and CT7-9C3 model turboprop engines
2018-03-14		Pacific Aerospace Limited	750XL airplanes
2018-03-15		Pacific Aerospace Limited	750XL airplanes
2018-03-16	R 2017-10-11	Stemme AG	S10-VT gliders
2018-03-17		Aeroclubul Romaniei	IS-28B2 gliders

Biweekly 2018-05

2018-01-12 R1	R 2018-01-12	Airbus Helicopters	AS350B3 helicopters
2018-04-11		Agusta S.p.A.	AB139 and Model AW139 helicopters
2018-05-01		Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, and AS332L2; EC225LP helicopters
2018-05-02		AgustaWestland S.p.A.	AW189 helicopters

Biweekly 2018-06

2018-03-18		Agusta S.p.A.	AW189 helicopters
2018-04-09		Pacific Aerospace Limited	750XL airplanes
2018-04-10		Pilatus Aircraft Limited	PC-7 airplanes
2018-05-03		Safran Helicopter Engine	Arrius 2F turboshaft engines
2018-05-08	R 2013-19-12	GA 8 Airvan (Pty) Ltd	GA8, GA8-TC320, GA8-TC 320-03-025 airplanes
2018-05-09		Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1 helicopters
2018-05-10		Agusta S.p.A.	AB412 and AB412 EP helicopters

Biweekly 2018-07

2018-06-09		Pacific Aerospace Limited	750XL airplanes
2018-06-10		Honda Aircraft Company LLC	HA-420 airplanes

SMALL AIRCRAFT, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

AD No.	Information	Manufacturer	Applicability
--------	-------------	--------------	---------------

Information Key: E – Emergency; COR – Correction; S – Supersedes; R – Replaces, A – Affects

2018-06-11		Textron Aviation Inc.	A36TC and B36TC; S35, V35, V35A, and V35B airplanes
2018-06-51		Agusta S.p.A.	A109A, A109A II, A109C, A109E, A109K2, A109S, A119, AW109SP, and AW119 MKII helicopters
2018-07-01		Airbus Helicopters Deutschland GmbH	EC135 P1, P2, P2+, P3, T1, T2, T2+, and T3 helicopters
2018-07-02		Agusta S.p.A.	A109E, A109S, AW109SP, A119, and AW119 MKII helicopters

Biweekly 2018-08

2018-07-03	R 2018-02-05	Piper Aircraft, Inc	PA-28 airplanes
2018-07-08		Agusta S.p.A.	A109E, A109K2, A109S, AW109SP, A119, and AW119 MKII helicopters
2018-07-13		Textron Aviation Inc.	510, 680, 680A airplanes
2018-07-14		Pacific Aerospace Limited	750XL
2018-07-15		XtremeAir GmbH	XA42 airplanes
2018-07-16		Austro Engine GmbH	E4 and E4P diesel piston engines
2018-07-17		Safran Helicopter Engines	Arrius 2B1, 2B1A, 2B2, and 2K1 turboshaft engines

Biweekly 2018-09

2018-07-22	R 2017-08-09	DG Flugzeugbau GmbH	DG-500MB and DG-1000M gliders
2018-08-01		Airbus Helicopters	EC225LP helicopters

Biweekly 2018-10

2018-03-03	R 2018-03-03	Textron Aviation Inc.	400-series airplanes
2018-04-02		Viking Air Limited	DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300, and DHC-6-400 airplanes (Note: Should have been included in Biweekly 2018-05)
2018-10-01		Safran Helicopter Engines, S.A.	Arriel 2E turboshaft engines

Biweekly 2018-11

2018-06-51		Agusta S.p.A.	A109A, A109A II, A109C, A109E, A109K2, A109S, A119, AW109SP, and AW119 MKII helicopters
2018-10-03		Pacific Aerospace Limited	750XL airplanes
2018-10-04	R 2018-03-15	Pacific Aerospace Limited	750XL airplanes
2018-10-06		Bell Helicopter Textron Canada Limited	407 helicopters
2018-10-07		Sikorsky Aircraft Corporation	S-76C helicopters
2018-10-09	S 2017-11-03	DG Flugzeugbau GmbH	DG-500MB and DG-1000M gliders
2018-10-10	R 2017-01-12	Diamond Aircraft Industries GmbH	DA 42 airplanes
	R 2017-11-08		
	R 2017-15-09		
2018-11-01		Airbus Helicopters	AS332L2 and Model EC225LP helicopters
2018-11-05	R 2018-06-10	Honda Aircraft Company LLC	HA-420 airplanes

Biweekly 2018-12

2018-11-03		Airbus Helicopters	SA-365C, SA-365C1, and SA-365C2 helicopters
2018-11-04		Aircraft Industries a.s.	L 410 UVP-E20 and L 410 UVP-E20 CARGO airplanes

Biweekly 2018-13

2018-13-05		Honeywell International Inc.	TPE331-1, -2, -2UA, -3U, -3UW, -5, -5B, -6, -6A, -8, -10, -10AV, -10N, -10P, -10R, -10T, -10U, -10UA, -10UF, -10UR model turboprop and TSE331-3U turboshaft engines
------------	--	------------------------------	---

Biweekly 2018-14

2018-12-03	R 2013-11-09	Safran Helicopter Engines, S.A.	Arrius 2B1 and 2F turboshaft engines
------------	--------------	---------------------------------	--------------------------------------

Biweekly 2018-15

2018-13-01		Roll-Royce Corporation	250-C10D, 250-C18, 250-C18A, 250-C18B, 250-C18C, 250-C19, 250-C20, 250-C20B, 250-C20C, 250-C20F, 250-C20J, 250-C20R, 250-C20R/1, 250-C20R/2, 250-C20R/4, 250-C20S, 250-C20W, 250-C28, 250-C28B, 250-C28C, 250-C30, 250-C30G, 250-C30G/2, 250-C30M, 250-C30P, 250-C30S, and 250-C30U turboshaft engines
2018-14-01		Piper Aircraft, Inc.	PA-46-600TP (M600) airplanes

SMALL AIRCRAFT, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

AD No.	Information	Manufacturer	Applicability
--------	-------------	--------------	---------------

Information Key: E – Emergency; COR – Correction; S – Supersedes; R – Replaces, A – Affects

2018-14-06	R 2017-07-10	American Champion Aircraft Corp.	8KCAB airplane
2018-14-07		Bell Helicopter Textron Canada Limited	429 helicopters
2018-15-02		Airbus Helicopters	AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters
2018-15-51	E	Bell Helicopter Textron Canada Limited	429 helicopters

Biweekly 2018-16

2018-15-07		Costruzioni Aeronautiche Tecnam srl	P2006T airplanes
2018-15-08		Pacific Aerospace Limited	750XL airplanes
2018-16-08		Leonardo S.p.A.	A109E, A109S, and AW109SP helicopters
2018-16-51	2018-15-51	Bell Helicopter Textron Canada Limited	429 helicopters

Biweekly 2018-17

2018-12-01	R 2012-03-11	Safran Helicopter Engines	Arriel 2B and 2B1 turboshaft engines
2018-15-06		Honda Aircraft Company LLC	HA-420 airplanes
2018-16-01		B/E Aerospace Fischer GmbH	Attendant seats NG and pilot seats 120/335
2018-16-11		Various	234 and Model CH-47D Helicopters

Biweekly 2018-18

2018-16-10		GE Aviation Czech s.r.o.	H80-200 turboprop engines
2018-16-14		Bell Helicopter Textron Inc.	212, 412, and 412EP helicopters
2018-17-01	R 2017-15-02	Bell Helicopter Textron, Inc.	212, 412, 412CF, and 412EP helicopters
2018-17-08	R 2016-03-03	Rolls-Royce plc	Viper Mk. 521, Viper Mk. 522, and Viper Mk. 601-22 turbojet engines

Biweekly 2018-19

2018-17-11		Linstrandt Propane Cylinders	T30 part number (P/N) CY050001 propane cylinders; installed on hot air balloons
2018-18-11		Airbus Helicopters	AS-365N2 and AS 365 N3 helicopters
2018-18-12		Airbus Helicopters	AS350B, AS350B1, AS350B2, AS350B3, and AS350BA helicopters

Biweekly 2018-20

2018-17-15	R 2018-02-14	Honeywell International Inc.	TPE331-1, -2, -2UA, -3U, -3UW, -5, -5A, -5AB, -5B, -6, -6A, -8, -10, -10AV, -10GP, -10GT, -10N, -10P, -10R, -10T, -10U, -10UA, -10UF, -10UG, -10UGR, -10UR, and -11U, -12B, -12JR, -12UA, -12UAR, -12UHR, -25AA, -25AB, -25DA, -25DB, -25FA, -43-A, -43-B, -47-A, -55-B, and -61-A turboprop engine models
2018-19-01		Airbus Helicopters	AS-365N2, AS 365 N3, EC 155B, EC155B1, SA-365N1, and SA-366G1 helicopters
2018-19-08		Leonardo S.p.A.	AW189 helicopters
2018-19-09	R 2017-14-03	Sikorsky Aircraft Corporation	S-92A helicopters
2018-19-10		Airbus Helicopters	AS355E, AS355F, AS355F1, AS355F2, and AS355N helicopters
2018-19-11		Viking Air Limited	DHC-2 Mk. I, DHC-2 Mk. II, and DHC-2 Mk. III airplanes

Biweekly 2018-21

2018-20-03		Hoffmann GmbH & Co. KG	HO-V 62 propellers
2018-20-09		Airbus Helicopters Deutschland GmbH	MBB-BK 117 C-2 and Model MBB-BK 117 D-2 helicopters

Biweekly 2018-22

2018-16-51		Bell Helicopter Textron Canada Limited	429 helicopters
2018-18-02		Austro Engine GmbH Engines	E4 engines
2018-21-02		Viking Air Limited	DHC-3 airplanes

SMALL AIRCRAFT, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

AD No.	Information	Manufacturer	Applicability
--------	-------------	--------------	---------------

Information Key: E – Emergency; COR – Correction; S – Supersedes; R – Replaces, A – Affects

2018-21-04		Glasflugel	Club Libelle 205, H 301 “Libelle,” H 301B “Libelle,” Kestrel, Mosquito, Standard “Libelle,” and Standard Libelle-201B gliders
------------	--	------------	---

2018-21-13	R 2018-11-05	Honda Aircraft Company LLC	HA-420 airplanes
2018-21-15	R 2017-13-03	Bell Helicopter Textron Canada Limited	429 helicopters

Biweekly 2018-23

2018-21-06	R 98-16-03	SOCATA	TB 9, TB 10, TB 200 airplanes
2018-22-01	R 88-12-10	Honeywell International Inc.	TPE331-8, -10, -10N, -10R, -10U, -10UA, -10UF, -10UG, -10UGR, -10UR, and -11U turboprop engines
2018-23-52		Leonardo S.p.A.	AW169 and AW189 helicopters

Biweekly 2018-24

2013-21-05R1	R 2013-21-05	Airbus Helicopters Deutschland GmbH	EC135 P1, P2, P2+, T1, T2, and T2+ helicopters
--------------	--------------	-------------------------------------	--

Biweekly 2018-25

2018-20-03 R1	R 2018-20-03	Hoffmann GmbH & Co. KG	HO-V 62 propellers
2018-23-16		Pacific Aerospace Limited	750XL airplanes
2018-24-06		Leonardo S.p.A.	AW189 helicopters

Biweekly 2018-26

2014-05-06 R1		Airbus Helicopters Deutschland GmbH	EC135 P1, P2, P2+, T1, T2, and T2+; MBB-BK 117C-2 helicopters
2018-25-17		Airbus Helicopters; Bell Helicopter Textron Canada Limited	Models with certain Air Comm Corporation air conditioning system part numbers



**FAA
Aviation Safety**

AIRWORTHINESS DIRECTIVE

www.faa.gov/aircraft/safety/alerts/
www.gpoaccess.gov/fr/advanced.html

2014-05-06 R1 Airbus Helicopters Deutschland GmbH (Type Certificate Previously Held by Eurocopter Deutschland GmbH): Amendment 39-19529; Docket No. FAA-2013-0555; Product Identifier 2010-SW-047-AD.

(a) Applicability

This AD applies to the following Airbus Helicopters Deutschland GmbH (Type Certificate previously held by Eurocopter Deutschland GmbH) helicopters, certificated in any category:

(1) Model EC135 P1, P2, P2+, T1, T2, and T2+ helicopters, serial number (S/N) 0005 through 00829, with a tail rotor control lever, part number (P/N) L672M2802205 or L672M1012212; cyclic control lever, P/N L671M1005250; collective control lever assembly, P/N L671M2020108; or collective control plate, P/N L671M5040207; installed, and

(2) Model MBB-BK 117C-2 helicopters, S/N 9004 through 9310, with a tail rotor control lever assembly, P/N B672M1007101 or B672M1807101; tail rotor control lever, P/N B672M1002202 or L672M2802205; or lateral control lever assembly, P/N B670M1008101, installed.

(b) Unsafe Condition

This AD defines the unsafe condition as incorrectly installed flight control bearings. This condition could cause the affected control lever to shift and contact the helicopter structure, resulting in reduced control of the helicopter.

(c) Effective Date

This AD becomes effective January 22, 2019.

(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

(1) For Model EC135 P1, P2, P2+, T1, T2, and T2+ helicopters: Within the next 100 hours time-in-service (TIS) or at the next annual inspection, whichever occurs first, modify the left-hand (LH) and right-hand (RH) guidance units and the cyclic shaft by installing bushings and washers to prevent shifting of the bearings in the axial direction as follows:

(i) Remove and disassemble the LH guidance unit and install a bushing, P/N L672M1012260, between the bearing block and the lever of the LH guidance unit as depicted in Detail A of Figure 5 of Eurocopter Alert Service Bulletin EC135-67A-019, Revision 3, dated December 16, 2009 (EC135 ASB).

(ii) For helicopters without a yaw brake, remove and disassemble the RH guidance unit and install a bushing, P/N L672M1012260, between the bearing block and the lever as depicted in Detail B of Figure 5 of EC135 ASB.

(iii) Remove and disassemble the cyclic shaft and install a washer, P/N L671M1005260, between the bearing block and the lever as depicted in Detail C of Figure 6 of EC135 ASB.

(iv) Remove the collective control rod from the bellcrank and install a washer, P/N L221M1042208, on each side of the collective control rod and bellcrank as depicted in Detail D of Figure 6 of EC135 ASB.

(2) For Model MBB-BK 117C-2 helicopters: Within the next 100 hours TIS or at the next annual inspection, whichever occurs first, modify the LH and RH guidance units and the lateral control lever by installing bushings and washers to prevent shifting of the bearings in the axial direction as follows:

(i) Remove and disassemble the RH guidance unit and install a bushing, P/N L672M1012260, between the lever and the bracket as depicted in Detail B of Figure 4 of Eurocopter Alert Service Bulletin MBB BK117 C-2-67A-010, Revision 3, dated February 8, 2010 (BK117 ASB). Remove and disassemble the LH guidance unit and install a bushing, P/N L672M1012260, between the lever and the bracket as depicted in Detail C of Figure 4 of BK117 ASB.

(ii) Remove the lateral control lever and install new bushings in accordance with the Accomplishment Instructions, paragraphs 3.C(9)(a) through 3.C(9)(g) of BK117 ASB.

(iii) Identify the modified lever assembly by writing "MBB BK117 C-2-67A-010" on the lever with permanent marking pen and protect with a single layer of lacquer (CM 421 or equivalent).

(iv) Apply corrosion preventive paste (CM518 or equivalent) on the shank of the screws and install airworthy parts as depicted in Figure 5 of BK117 ASB.

(f) Affected ADs

This AD replaces AD 2014-05-06, Amendment 39-17779 (79 FR 13196, March 10, 2014).

(g) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Safety Management Section, Rotorcraft Standards Branch, FAA, may approve AMOCs for this AD. Send your proposal to: Matt Fuller, Senior Aviation Safety Engineer, Safety Management Section, Rotorcraft Standards Branch, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-5110; email 9-ASW-FTW-AMOC-Requests@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

(1) Airbus Helicopters Alert Service Bulletin EC135-67A-019 and Alert Service Bulletin MBB-BK117C-2-67A-010, both Revision 4 and both dated April 3, 2017, which are not incorporated by reference, contain additional information about this AD. For service information identified in this AD, contact Airbus Helicopters, 2701 N. Forum Drive, Grand Prairie, TX 75052; telephone (972) 641-0000 or (800) 232-0323; fax (972) 641-3775; or at http://www.helicopters.airbus.com/website/en/ref/Technical-Support_73.html. You may review service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy, Room 6N-321, Fort Worth, TX 76177.

(2) The subject of this AD is addressed in European Aviation Safety Agency (EASA) AD No. 2010-0058R1, dated April 7, 2017. You may view the EASA AD on the internet at <http://www.regulations.gov> in Docket No. FAA-2013-0555.

(i) Subject

Joint Aircraft Service Component (JASC) Code: 6710, Main Rotor Control.

(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.

(3) The following service information was approved for IBR on April 14, 2014 (79 FR 13196, March 10, 2014).

(i) Eurocopter Alert Service Bulletin EC135-67A-019, Revision 3, dated December 16, 2009.

(ii) Eurocopter Alert Service Bulletin MBB BK117 C-2-67A-010, Revision 3, dated February 8, 2010.

(4) For Eurocopter service information identified in this AD, contact Airbus Helicopters, 2701 N. Forum Drive, Grand Prairie, TX 75052; telephone (972) 641-0000 or (800) 232-0323; fax (972) 641-3775; or at http://www.helicopters.airbus.com/website/en/ref/Technical-Support_73.html.

(5) You may view this service information at FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call (817) 222-5110.

(6) 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 December 6, 2018.

Scott A. Horn,

Deputy Director for Regulatory Operations, Compliance & Airworthiness Division,
Aircraft Certification Service.



2018-25-17 Air Comm Corporation (Air Comm) Air Conditioning Systems: Amendment 39-19528; Docket No. FAA-2017-1217; Product Identifier 2016-SW-080-AD.

(a) Applicability

This AD applies to the following helicopters, certificated in any category:

(1) Airbus Helicopters Model AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS350C, AS350D, and AS350D1 helicopters with an Air Comm air conditioning system part number (P/N) AS350-202-1, AS350-202-2, AS350-202-3, AS350-202-4, AS350-202-5, AS350-204-1, AS350-204-2, AS350-204-3, AS350-204-4, AS350-204-5, AS350-204-6, AS350-204-7, AS350-204-8, AS350-204-9, AS350-204-10, AS350-204-11, or AS350-204-12 installed.

(2) Airbus Helicopters Model EC130B4 helicopters with an Air Comm air conditioning system P/N EC130-202-1, EC130-202-2, EC130-202-3, EC130-202-4, EC130-202-5, EC130-202-6, EC130-202-7, or EC130-202-8 installed.

(3) Bell Helicopter Textron Canada Limited (Bell) Model 206A, 206B, 206L, 206L-1, 206L-3, and 206L-4 helicopters with an Air Comm air conditioning system P/N 206EC-200, 206EC-201, 206EC-202, 206EC-203, 206EC-204, 206EC-205, 206EC-206, 206EC-207, 206EC-208, 206EC-209, 206EC-210, 206EC-211, or 206EC-212 installed.

(4) Bell Model 407 helicopters with an Air Comm air conditioning system P/N 407 EC-201, 407 EC-202, or 407 EC-203 installed.

(b) Unsafe Condition

This AD defines the unsafe condition as an overheated connector. This condition could result in a fire and subsequent loss of control of the helicopter.

(c) Effective Date

This AD becomes effective January 22, 2019.

(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

(1) Within 90 hours time-in-service:

(i) For Airbus Helicopters Model AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS350C, AS350D, and AS350D1 helicopters, replace each aft evaporator blower motor connector with an Air Comm connector as depicted in Figures 2, 3, and 4 of Air Comm Service Bulletin (SB) SB AS350-1110014, Revision B, dated January 10, 2017, by using a Deutsch HDT-48-00 or an equivalent MIL-DTL22520 Type 1 crimping tool.

(ii) For Airbus Helicopters Model EC130B4 helicopters, replace each aft evaporator blower motor connector with an Air Comm connector as depicted in Figures 2, 3, and 4 of Air Comm SB EC130-6204, Revision B, dated January 10, 2017, by using a Deutsch HDT-48-00 or an equivalent MIL-DTL22520 Type 1 crimping tool.

(iii) For Bell Model 206A, 206B, 206L, 206L-1, 206L-3, and 206L-4 helicopters, replace each aft evaporator blower motor connector with an Air Comm connector as depicted in Figures 4, 5, and 6 of Air Comm SB 206-110414, Revision C, dated January 13, 2017, by using a Deutsch HDT-48-00 or an equivalent MIL-DTL22520 Type 1 crimping tool.

(iv) For Bell Model 407 helicopters, replace each aft evaporator blower motor connector with an Air Comm connector as depicted in Figures 4, 5, and 6 of Air Comm SB 407-110414, Revision D, dated January 13, 2017, by using a Deutsch HDT-48-00 or an equivalent MIL-DTL22520 Type 1 crimping tool.

(2) After the effective date of this AD, do not install the following in any aft evaporator assembly P/Ns AS350-6202-1, EC130-6204-1, or EC130-6204-2; aft evaporator blower assembly P/Ns S-6078EC-15, S-6102EC-3, or S-6102EC-4; or aft condenser blower P/Ns S-7060EC-1, S-7060EC-2, S-7062EC-1 or S-7062EC-2:

- (i) Plug P/N 03-09-1022 and 03-09-1032;
- (ii) Socket P/N 02-09-1103 and 02-09-1104;
- (iii) Receptacle P/N 03-09-2022 and 03-09-2032; and
- (iv) Pin P/N 02-09-2103.

(f) Credit for Previous Actions

Replacing the connectors before the effective date of this AD in accordance with Air Comm SB 206-110414, Revision A, dated June 3, 2016; SB AS350-111014 or SB EC130-6204, both Revision A and both dated July 6, 2016; SB 407-110414, Revision B, dated July 6, 2016; SB 206-110414, Revision B, dated January 10, 2017; or SB 407-110414, Revision C, dated January 10, 2017, is considered acceptable for compliance with the corresponding required actions specified in paragraph (e)(1) of this AD.

(g) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Denver ACO Branch, FAA, may approve AMOCs for this AD. Send your proposal to: Matthew Bryant, Aerospace Engineer, Denver ACO Branch, Compliance & Airworthiness Division, FAA, 26805 East 68th Ave., Room 214, Denver, CO 80249; telephone (303) 342-1092; email matthew.bryant@faa.gov and 9-Denver-Aircraft-Cert@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

Air Comm SB 206-110414, Revision A, dated June 3, 2016; SB AS350-111014 or SB EC130-6204, both Revision A and both dated July 6, 2016; SB 407-110414, Revision B, dated July 6, 2016; SB 206-110414, Revision B, dated January 10, 2017; and SB 407-110414, Revision C, dated January 10, 2017, which are not incorporated by reference, contain additional information about the subject of this AD. For service information identified in this AD, contact Air Comm Corporation, 1575 West 124th Ave., Westminster, CO 80234; telephone (303) 440-4075; email service@aircommcorp.com; website www.aircommcorp.com. You may review a copy of this service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy, Room 6N-321, Fort Worth, TX 76177.

(i) Subject

Joint Aircraft Service Component (JASC) Code: 2197, Air Conditioning System Wiring.

(j) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference 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) Air Comm Corporation Service Bulletin (SB) SB AS350-111014, Revision B, dated January 10, 2017.

(ii) Air Comm Corporation SB EC130-6204, Revision B, dated January 10, 2017.

(iii) Air Comm Corporation SB 206-110414, Revision C, dated January 13, 2017.

(iv) Air Comm Corporation SB 407-110414, Revision D, dated January 13, 2017.

(3) For Air Comm service information identified in this AD, contact Air Comm Corporation, 1575 West 124th Ave., Westminster, CO 80234; telephone (303) 440-4075; email service@aircommcorp.com; website www.aircommcorp.com.

(4) You may view this service information at FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. 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 December 7, 2018.

Lance T. Gant,
Director, Compliance & Airworthiness Division,
Aircraft Certification Service.