

**FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES**

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

BIWEEKLY 2018-21

10/1/2018 - 10/14/2018



Federal Aviation Administration
Continued Operational Safety Policy Section, AIR-141
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; 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

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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 R1	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

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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



2018-20-03 Hoffmann GmbH & Co. KG: Amendment 39-19437; Docket No. FAA-2018-0281; Product Identifier 2018-NE-06-AD.

(a) Effective Date

This AD is effective November 14, 2018.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Hoffmann GmbH & Co. KG model HO-V 62 propellers without modified blades marked with change letter “A” or “B” suffix to the serial number (S/N).

(d) Subject

Joint Aircraft System Component (JASC) Code 6110, Propeller Assembly.

(e) Unsafe Condition

This AD was prompted by the failure of the propeller blade lag screws. We are issuing the AD to prevent failure of the propeller. The unsafe condition, if not addressed, could result in the release of the propeller blade, damage to the aircraft, and injury and/or loss of life.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Required Actions

Within 30 days of the effective date of this AD, remove the applicable propeller blades and install modified propeller blades marked with a change letter “A” or “B” suffix to the S/N marked on the blade.

(h) Installation Prohibition

After the effective date of this AD, do not install a propeller blade if it is not marked with a change letter “A” or “B” suffix to the S/N marked on the blade.

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Boston ACO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the Boston ACO Branch, send it to the attention of the person identified in paragraph (j)(1) of this AD.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(j) Related Information

(1) For more information about this AD, contact Maureen Maisttison, Aerospace Engineer, Boston ACO Branch, FAA, 1200 District Ave, Burlington, MA, 01803; phone: 781-238-7076; fax: 781-238-7151; email: maureen.maisttison@faa.gov.

(2) Refer to European Aviation Safety Agency AD 2017-0220, dated November 10, 2017, for more information. You may examine the EASA AD in the AD docket on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2018-0281.

Issued in Burlington, Massachusetts, on September 27, 2018.

Robert J. Ganley,
Manager, Engine and Propeller Standards Branch,
Aircraft Certification Service.



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Aviation Safety

AIRWORTHINESS DIRECTIVE

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www.gpoaccess.gov/fr/advanced.html

2018-20-09 Airbus Helicopters Deutschland GmbH: Amendment 39-19443; Docket No. FAA-2018-0517; Product Identifier 2017-SW-098-AD.

(a) Applicability

This AD applies to Model MBB-BK 117 C-2 and Model MBB-BK 117 D-2 helicopters, certificated in any category, with an overhead panel shock mount assembly part number (P/N) B246M2035102 or P/N B246M2036101 installed.

Note 1 to paragraph (a) of this AD: Helicopters with an MBB-BK117 C-2e designation are Model MBB-BK117 C-2 helicopters.

(b) Unsafe Condition

This AD defines the unsafe condition as failure of an overhead panel shock mount assembly (shock mount). This condition could result in detachment of the overhead panel and injury to occupants during an emergency landing.

(c) Effective Date

This AD becomes effective November 7, 2018.

(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 300 hours time-in-service:

(i) Install a retaining plate on each shock mount by following the Accomplishment Instructions, paragraphs 3.B.2.1. through 3.B.2.4, of Airbus Helicopters Alert Service Bulletin (ASB) MBB-BK117 C-2-24A-015, Revision 0, dated September 14, 2016 (ASB MBB-BK117 C-2-24A-015), or ASB MBB-BK117 D-2-24A-004, Revision 0, dated September 14, 2016 (ASB MBB-BK117 D-2-24A-004), as applicable to your model helicopter.

(ii) Re-identify shock mount P/N B246M2035102 as P/N B246M2035966 and shock mount P/N B246M2036101 as P/N B246M2036966 using permanent ink. When the ink is dry, apply varnish over the P/N.

(iii) Re-install each shock mount.

(2) After the effective date of this AD, do not install a shock mount P/N B246M2035102 or P/N B246M2036101 on any helicopter.

(f) 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.

(g) Additional Information

The subject of this AD is addressed in European Aviation Safety Agency (EASA) AD No. 2017-0026, dated February 14, 2017. You may view the EASA AD on the internet at <http://www.regulations.gov> in Docket No. FAA-2018-0517.

(h) Subject

Joint Aircraft Service Component (JASC) Code: 2400, Electrical Power System.

(i) 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) Airbus Helicopters Alert Service Bulletin (ASB) MBB-BK117 C-2-24A-015, Revision 0, dated September 14, 2016.

(ii) Airbus Helicopters ASB MBB-BK117 D-2-24A-004, Revision 0, dated September 14, 2016.

(3) For Airbus Helicopters 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.

(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 September 24, 2018.

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