

**FEDERAL AVIATION ADMINISTRATION  
AIRWORTHINESS DIRECTIVES**

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

**BIWEEKLY 2018-12**

*5/28/2018 - 6/10/2018*



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

**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
<b>Biweekly 2018-08</b>			
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
<b>Biweekly 2018-09</b>			
2018-07-22	R 2017-08-09	DG Flugzeugbau GmbH	DG-500MB and DG-1000M gliders
2018-08-01		Airbus Helicopters	EC225LP helicopters
<b>Biweekly 2018-10</b>			
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
<b>Biweekly 2018-11</b>			
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
<b>Biweekly 2018-12</b>			
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



**FAA**  
**Aviation Safety**

## **AIRWORTHINESS DIRECTIVE**

[www.faa.gov/aircraft/safety/alerts/](http://www.faa.gov/aircraft/safety/alerts/)  
[www.gpoaccess.gov/fr/advanced.html](http://www.gpoaccess.gov/fr/advanced.html)

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**2018-11-03 Airbus Helicopters:** Amendment 39-19291; Docket No. FAA-2017-1063; Product Identifier 2017-SW-088-AD.

### **(a) Applicability**

This AD applies to Airbus Helicopters Model SA-365C, SA-365C1, and SA-365C2 helicopters, certificated in any category.

### **(b) Unsafe Condition**

This AD defines the unsafe condition as a Starflex star/mast connecting bolt (bolt) remaining in service beyond its fatigue life. This condition could result in failure of a bolt, leading to failure of the main rotor blade mast, hub, or blade and subsequent loss of control of the helicopter.

### **(c) Effective Date**

This AD becomes effective June 18, 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**

Before further flight:

- (1) Remove from service any bolt part number (P/N) 365A31-1182-20, 365A31-1182-21, 365A31-1183-20, 365A31-1183-21, 365A31-1928-20, or 365A31-1143-20 that has accumulated 2,000 or more hours time-in-service (TIS), or any bolt for which the hours TIS is unknown. Thereafter, remove from service each bolt P/N 365A31-1182-20, 365A31-1182-21, 365A31-1183-20, 365A31-1183-21, 365A31-1928-20, or 365A31-1143-20 before accumulating 2,000 hours TIS.
- (2) Remove from service any bolt with a P/N not listed in paragraph (e)(1) of this AD or for which the P/N is unknown.
- (3) Create a component history card or equivalent record for each bolt P/N 365A31-1182-20, 365A31-1182-21, 365A31-1183-20, 365A31-1183-21, 365A31-1928-20, and 365A31-1143-20 and record a life limit of 2,000 hours TIS.

### **(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**

(1) Airbus Helicopters Emergency Alert Service Bulletin No. 65.51, Revision 0, dated June 2, 2016, which is not incorporated by reference, contains additional information about the subject of 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](http://www.helicopters.airbus.com/website/en/ref/Technical-Support_73.html). You may review a copy of the 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. 2016-0115-E, dated June 16, 2016. You may view the EASA AD on the internet at <http://www.regulations.gov> by searching for and locating it in Docket No. FAA-2017-1063.

**(h) Subject**

Joint Aircraft Service Component (JASC) Code: 6220, Main Rotor Head.

Issued in Fort Worth, Texas, on May 16, 2018.

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



**2018-11-04 Aircraft Industries a.s.:** Amendment 39-19292; Docket No. FAA-2018-0462; Product Identifier 2018-CE-017-AD.

**(a) Effective Date**

This airworthiness directive (AD) becomes effective June 27, 2018.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to the following Aircraft Industries a.s. Models L 410 UVP-E20 and L 410 UVP-E20 CARGO airplanes, manufacturer serial numbers 2904 through 3114, that are:

- (1) Equipped with GE Aviation H80-200 engines and Avia Propeller AV 725 propellers; and
- (2) certificated in any category.

**(d) Subject**

Air Transport Association of America (ATA) Code 61: Propellers/Propulsors.

**(e) Reason**

This AD was prompted by mandatory continuing airworthiness information (MCAI) issued by the aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as un-commanded negative thrust mode activated on an engine. We are issuing this AD to provide guidance to the flight crew in the event of un-commanded negative thrust mode activated on an engine, which could lead to loss of control.

**(f) Actions and Compliance**

Unless already done, do the following actions.

- (1) Within the next 25 hours time-in-service (TIS) after the effective date of this AD or within the next 30 days after the effective date of this, whichever occurs first, modify the electrical testing circuit of the propeller pitch lock system following the Instructions for Implementation in LET Aircraft Industries Mandatory Bulletin MB No. L410UVP-E/143a, Revision 2, dated March 7, 2018.
- (2) Within the next 25 hours TIS after the effective date of this AD or within the next 30 days after the effective date of this, whichever occurs first, incorporate airplane flight manual (AFM) changes following the Measures specified in LET Aircraft Industries Documentation Bulletin DB No. L410UVP-E/268d, dated May 9, 2018. After incorporating the AFM changes, operate the airplane accordingly.
- (3) If any discrepancies are found during any pitch lock system pre-flight check required in the AFM changes specified in paragraph (f)(2) of this AD, before further flight, contact the manufacturer

for FAA-approved repair instructions approved specifically for this AD. You may use the contact information found in paragraph (i)(3) of this AD.

**(g) Other FAA AD Provisions**

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, Small Airplane Standards Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Standards Branch, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; fax: (816) 329-4090; email: doug.rudolph@faa.gov. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(2) Airworthy Product: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, Small Airplane Standards Branch, FAA; or the European Aviation Safety Agency (EASA).

**(h) Related Information**

Refer to MCAI EASA AD No. 2018-0057, dated March 14, 2018, for related information. You may examine the MCAI on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2018-0462.

**(i) 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) LET Aircraft Industries Mandatory Bulletin MB No. L410UVP-E/143a, Revision 2, dated March 7, 2018.

(ii) LET Aircraft Industries Documentation Bulletin DB No. L410UVP-E/268d, dated May 9, 2018.

(3) For service information identified in this AD, contact Aircraft Industries, a.s., 686 04 Kunovice 1177, Czech Republic; phone: +420 572 817 664; fax: +420 572 816 112; email: pps@let.cz; internet: [http://www.let.cz/clanek\\_267\\_objednavka-bulletinove-sluzby.html](http://www.let.cz/clanek_267_objednavka-bulletinove-sluzby.html).

(4) You may view this service information at FAA, Policy and Innovation Division, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148. It is also available on the internet at <http://www.regulations.gov> by searching for locating Docket No. FAA-2018-0462.

(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 Kansas City, Missouri, on May 11, 2018.

Melvin J. Johnson,

Aircraft Certification Service, Deputy Director, Policy and Innovation Division, AIR-601.