

**FEDERAL AVIATION ADMINISTRATION  
AIRWORTHINESS DIRECTIVES**

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

**BIWEEKLY 2020-12**

*5/25/2020 - 6/7/2020*



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; R – Replaces, A – Affects

**Biweekly 2020-01**

2019-22-08		Leonardo S.p.A	AW169 and AW189 helicopters
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**Biweekly 2020-02**

We published no ADs for the Small AD Biweekly during this period.

**Biweekly 2020-03**

We published no ADs for the Small AD Biweekly during this period.

**Biweekly 2020-04**

2020-02-11	R 2015-04-04	Bell Helicopter Textron Inc.	412 and 412EP helicopters
2020-02-17		Sikorsky Aircraft Corporation	S-70, S-70A, S-70C, S-70C(M), and S-70C(M1) helicopters
2020-02-23		Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, and AS350D1; AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters
2020-03-50		Cirrus Design Corporation	SF50 airplanes

**Biweekly 2020-05**

2020-03-13		Leonardo S.p.A.	AW189 helicopters
2020-03-16		Textron Aviation Inc.	210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, and T210M airplanes

**Biweekly 2020-06**

2020-04-21		Bell Helicopter Textron Canada Limited	429 helicopters
2020-05-11		Robinson Helicopter Company	R44 and R44 II helicopters

**Biweekly 2020-07**

2020-04-13		Daher Aircraft Design, LLC	KODIAK 100 airplanes
2020-04-14		Honda Aircraft Company LLC	HA-420 airplanes
2020-04-21		Bell Helicopter Textron Canada Limited	429 helicopters
2020-05-20		Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, and AS332L2 helicopters
2020-05-23		Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1 helicopters
2020-06-11		MD Helicopters Inc.	600N helicopters

**Biweekly 2020-08**

2020-06-12		Airbus Helicopters	AS332L2 and EC225LP helicopters
2020-06-13		Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1 helicopters

**Biweekly 2020-09**

2020-07-15		PZL Swidnik S.A.	PZL W-3A helicopters
2020-07-22		PZL Swidnik S.A.	PZL W-3A helicopters
2020-08-02		Thales AVS France SAS	Global Positioning System/Satellite Based Augmentation System receivers
2020-08-10		Robinson Helicopter Company	R44 and R44 II helicopters
2020-09-01	R 2008-24-04	Airbus Helicopters	AS355E, AS355F, AS355F1, AS355F2, and AS355N helicopters
2020-09-02	R 2017-16-04	Anjou Aeronautique	Torso restraint systems

**Biweekly 2020-10**

2020-09-04		Aermacchi S.p.A.	F.260, F.260B, F.260C, F.260D, F.260E, and F.260F
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**Biweekly 2020-11**

2020-09-15		Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1
2020-10-02	R 2011-12-07	Airbus Helicopters	SA-365C, SA-365C1, SA-365C2, SA-365N, SA-365N1, AS-365N2, AS 365 N3, and SA-366G1
2020-10-03		Weatherly Aircraft Company	201, 201A, 201B, 201C, 620, 620A, 620B, 620B-TG, and 620TP
2020-10-05		Rockwell Collins, Inc	Flight Management Systems

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2020-11-02		Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, AS332L2, and EC225LP
2020-11-04		Learjet Inc.	60
2020-11-05		Airbus Helicopters	EC120B
<b>Biweekly 2020-12</b>			
2020-11-06		Pilatus Aircraft Ltd	PC-6, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6/B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, PC-6/C1-H2, PC-6-H1, and PC-6-H2
2020-11-07		MD Helicopter Inc.	369D, 369E, 369FF, 369H, 369HE, 369HM, 369HS, 500N, and 600N



**2020-11-06 Pilatus Aircraft Ltd.:** Amendment 39-21131; Docket No. FAA-2019-0240; Product Identifier 2018-CE-057-AD.

**(a) Effective Date**

This airworthiness directive (AD) becomes effective June 30, 2020.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to Pilatus Aircraft Ltd. Models PC-6, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6/B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, PC-6/C1-H2, PC-6-H1, and PC-6-H2 airplanes, all serial numbers, certificated in any category, with a left-hand or right-hand flap actuator assembly part number (P/N) 6132.0039.51 or P/N 6132.0039.52 or pushrod assembly P/N 6132.0040.00 installed, except those assemblies supplied by Pilatus Aircraft Ltd. with a European Aviation Safety Agency (EASA) form 1 tag dated July 2, 2018 or later.

Note 1 to paragraph (c) of this AD: These airplanes may also be identified as Fairchild Republic Company airplanes, Fairchild Industries airplanes, Fairchild Heli Porter airplanes, or Fairchild-Hiller Corporation airplanes.

**(d) Subject**

Air Transport Association of America (ATA) Code 27: Flight Controls.

**(e) Reason**

This AD was prompted by mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as flap actuator taper pins that were not swaged during the manufacturing process. The FAA is issuing this AD to prevent loss of one or both taper pins that could lead to asymmetric flap deployment or flap surface flutter and result in loss of control of the airplane.

**(f) Actions and Compliance**

Unless already done, do the following actions in paragraphs (f)(1) and (2) of this AD:

(1) Within the next 100 hours time-in-service after June 30, 2020 (the effective date of this AD) or within the next 12 months after June 30, 2020 (the effective date of this AD), whichever occurs first, prepare the airplane and inspect each flap actuator taper pin for correct installation by following

the Accomplishment Instructions-Part 1-On Aircraft, paragraphs 3.A through 3.B(2), of Pilatus Aircraft Ltd. PC-6 Service Bulletin No. 27-005, dated July 2, 2018 (Pilatus SB No. 27-005).

(i) If a taper pin has any damage, before further flight, replace and swage the taper pin and reinstall the pushrod assembly by following the Accomplishment Instructions-Part 1-On Aircraft, paragraphs 3.C and 3.D of Pilatus SB No. 27-005.

(ii) If a taper pin is incorrectly swaged or is not swaged, before further flight, swage the taper pin and reinstall the pushrod assembly by following the Accomplishment Instructions-Part 1-On Aircraft, paragraphs 3.C and 3.D of Pilatus SB No. 27-005.

(2) After June 30, 2020 (the effective date of this AD), do not install a flap actuator assembly, P/N 6132.0039.51 or P/N 6132.0039.52, or pushrod assembly P/N 6132.0040.00 on any airplane unless the part was supplied by Pilatus Aircraft Ltd. with an EASA form 1 tag dated July 2, 2018 or later, or the part has been inspected in accordance with paragraphs (f)(1)(i) and (ii) 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) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must instead be accomplished using a method approved by the Manager, Small Airplane Standards Branch, FAA, or EASA.

### **(h) Related Information**

Refer to MCAI EASA AD No. 2018-0235, dated November 5, 2018, for related information. The MCAI can be found in the AD docket on the internet at: <https://www.regulations.gov/docket?D=FAA-2019-0240>.

### **(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) Pilatus Aircraft Ltd. PC-6 Service Bulletin No. 27-005, dated July 2, 2018.

(ii) [Reserved]

(3) For service information identified in this AD, contact PILATUS Aircraft Ltd., Customer Technical Support (MCC), P.O. Box 992, CH-6371 Stans, Switzerland; phone: +41 (0)41 619 67 74; fax: +41 (0)41 619 67 73; email: techsupport@pilatus-aircraft.com; internet: <https://www.pilatus-aircraft.com>.

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148. In addition, you can access this service information on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0240.

(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, email [fedreg.legal@nara.gov](mailto:fedreg.legal@nara.gov), or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on May 15, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-11204 Filed 5-22-20; 8:45 am]



**2020-11-07 MD Helicopter Inc. (MDHI):** Amendment 39-21132; Docket No. FAA-2020-0064; Project Identifier 2019-SW-096-AD.

**(a) Effective Date**

This AD is effective June 30, 2020.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to MDHI Model 369D, 369E, 369FF, 369H, 369HE, 369HM, 369HS, 500N, and 600N helicopters, certificated in any category, with a main rotor (M/R) hub lead-lag bolt (bolt) part number (P/N) 369D21220 with a serial number (S/N) listed in paragraph 1.B. of MD Helicopters Service Bulletin No. SB369D-223, SB369E-122, SB369F-110, SB369H-259, SB500N-060, or SB600N-073, each dated April 19, 2019, installed.

**(d) Subject**

Joint Aircraft System Component (JASC): 6200, Main Rotor System.

**(e) Unsafe Condition**

This AD was prompted by a report of non-conforming bolts. The FAA is issuing this AD to prevent failure of a bolt. The unsafe condition, if not addressed, could result in loss of an M/R blade and subsequent loss of control of the helicopter.

**(f) Compliance**

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

**(g) Required Actions**

(1) At the next overhaul of the M/R assembly or within 3 months, whichever occurs first, remove from service each bolt with a P/N and S/N listed in paragraph (c) of this AD.

(2) After the effective date of this AD, do not install on any helicopter a bolt with a P/N and S/N listed in paragraph (c) of this AD.

**(h) Special Flight Permit**

A special flight permit may be permitted for a one-time ferry flight to an authorized repair facility.

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

(1) The Manager, Los Angeles 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 certification office, send it to the attention of the person identified in paragraph (j) of this AD. Information may be emailed to: 9-ANM-LAACO-AMOC-REQUESTS@faa.gov.

(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**

For more information about this AD, contact Payman Soltani, Aerospace Engineer, Los Angeles ACO Branch, FAA, 3960 Paramount Blvd., Lakewood, California 90712; telephone 562-627-5313; email payman.soltani@faa.gov.

**(k) 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) MD Helicopters Service Bulletin (SB) No. SB369D-223, dated April 19, 2019.
- (ii) MD Helicopters SB No. SB369E-122, dated April 19, 2019.
- (iii) MD Helicopters SB No. SB369F-110, dated April 19, 2019.
- (iv) MD Helicopters SB No. SB369H-259, dated April 19, 2019.
- (v) MD Helicopters SB No. SB500N-060, dated April 19, 2019.
- (vi) MD Helicopters SB No. SB600N-073, dated April 19, 2019.

Note 1 to paragraph (k)(2): MD Helicopters SB No. SB369D-223, No. SB369E-122, No. SB369F-110, No. SB369H-259, No. SB500N-060, and No. SB600N-073, each dated April 19, 2019, are co-published as one document.

(3) For MD Helicopters service information identified in this AD, contact MD Helicopters, Inc., Attn: Customer Support Division, 4555 E. McDowell Rd., Mail Stop M615, Mesa, AZ 85215-9734; telephone 1-800-388-3378; fax 480-346-6813; or at <https://www.mdhelicopters.com>.

(4) You may view this service information at the 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, email [fedreg.legal@nara.gov](mailto:fedreg.legal@nara.gov), or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on May 19, 2020.

Gaetano A. Sciortino,  
Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft  
Certification Service.

[FR Doc. 2020-11157 Filed 5-22-20; 8:45 am]