

**FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES**

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

BIWEEKLY 2020-11

5/11/2020 - 5/24/2020



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; R – Replaces, A – Affects

Biweekly 2020-01

2019-22-08		Leonardo S.p.A	AW169 and AW189 helicopters
------------	--	----------------	-----------------------------

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
------------	--	------------------	---

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

SMALL AIRCRAFT, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

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

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

2020-11-02		Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, AS332L2, and EC225LP
2020-11-04		Learjet Inc.	60
2020-11-05		Airbus Helicopters	EC120B



2020-09-15 Airbus Helicopters: Amendment 39-19911; Docket No. FAA-2020-0454; Product Identifier 2019-SW-113-AD.

(a) Effective Date

This AD becomes effective May 20, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Airbus Helicopters Model AS332C, AS332C1, AS332L, and AS332L1 helicopters, certificated in any category, equipped with a dual hoist installation and de-icing system, except those that have Airbus Helicopters modification 0722907 installed in production.

(d) Subject

Joint Aircraft Service Component (JASC) Code 2500, Cabin Equipment/Furnishings; 3000, Ice/Rain Protection System; 5300, Fuselage Structure (General).

(e) Reason

This AD was prompted by a report of vibrations around the 12Hz frequency due to the specific helicopter configuration. The FAA is issuing this AD to address this condition, which could generate divergent aeromechanic coupling between the helicopter structure and the rotor, possibly resulting in mechanical failure of structural parts and loss of control of the helicopter.

(f) Compliance

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

(g) Required Actions

Within 7 days after the effective date of this AD: Remove the removable parts of the dual hoist installation or remove the de-icing system in accordance with the instructions of section 3.B of Airbus Helicopters Emergency Alert Service Bulletin AS332 01.00.91, Revision 1, dated December 4, 2019, or Section 3.B.2 of Airbus Helicopters Emergency Alert Service Bulletin AS332 01.00.96, Revision 0, dated December 4, 2019, as applicable to your helicopter, except you are not required to contact Airbus Helicopters.

(h) Optional Method of Compliance

For Airbus Helicopter Model AS332L or AS332L1 helicopters: Revising the Rotorcraft Flight Manual for your helicopter by inserting the information specified in Appendix 4A, 4B, or 4C of Airbus Helicopters Emergency Alert Service Bulletin AS332 01-00.96, Revision 0, dated December 4, 2019, as applicable to your helicopter model and configuration, and installing a locally made placard on the instrument panel, in accordance with the instructions of section 3.B.1 of Airbus Helicopters Emergency Alert Service Bulletin AS332 01-00.96, Revision 0, dated December 4, 2019, is an acceptable method for compliance with the requirements of paragraph (g) of this AD.

(i) Credit for Previous Actions

This paragraph provides credit for actions required by paragraph (g) of this AD, if those actions were performed before the effective date of this AD using Airbus Helicopters Emergency Alert Service Bulletin AS332 01.00.91, Revision 0, dated July 3, 2018.

(j) Special Flight Permit

Special flight permits may be issued in accordance with 14 CFR 21.197 and 21.199 to operate the helicopter to a location where the helicopter can be modified as specified in paragraph (g) of this AD, provided the Rotorcraft Flight Manual revisions and the locally made placard specified in paragraph (h) of this AD are in place.

(k) 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: Manager, 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, 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.

(l) Related Information

(1) The subject of this AD is addressed in the European Union Aviation Safety Agency (EASA) AD 2018-0142R1, dated December 9, 2019. This EASA AD may be found in the AD docket on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2020-0454.

(2) Service information identified in this AD that is not incorporated by reference is available at the addresses specified in paragraphs (m)(3) and (4) of this AD.

(m) 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 this AD specifies otherwise.

(i) Airbus Helicopters Emergency Alert Service Bulletin AS332 01.00.91, Revision 1, dated December 4, 2019.

(ii) Airbus Helicopters Emergency Alert Service Bulletin AS332 01.00.96, Revision 0, dated December 4, 2019.

(3) 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 <https://www.airbus.com/helicopters/services/technical-support.html>.

(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.

(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, or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on May 13, 2020.

Gaetano A. Sciortino,

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

[FR Doc. 2020-10667 Filed 5-19-20; 8:45 am]



2020-10-02 Airbus Helicopters (Type Certificate Previously Held by Eurocopter France):
Amendment 39-21120; Docket No. FAA-2019-0827; Product Identifier 2019-SW-014-AD.

(a) Applicability

This AD applies to Airbus Helicopters (Type Certificate previously held by Eurocopter France) Model SA-365C, SA-365C1, SA-365C2, SA-365N, SA-365N1, AS-365N2, AS 365 N3, and SA-366G1 helicopters, certificated in any category, without Airbus Helicopters Modification 0762C37 (Starflex star arm part number (P/N) 365A31-1212-00 or P/N 365A31-1213-00) installed.

(b) Unsafe Condition

This AD defines the unsafe condition as failure of the Starflex star (Starflex) arm. This condition could result in high amplitude vibrations in flight and subsequent loss of control of the helicopter.

(c) Affected ADs

This AD replaces AD 2011-12-07, Amendment 39-16714 (76 FR 35346, June 17, 2011).

(d) Effective Date

This AD becomes effective June 15, 2020.

(e) 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.

(f) Required Actions

Within 10 hours time-in-service (TIS) and thereafter at intervals not to exceed 10 hours TIS:

(1) Visually inspect the adhesive bead between the bushing and the Starflex arm for a crack, a gap, and loss of the adhesive bead, and inspect the Starflex arm ends for delamination in accordance with the Accomplishment Instructions, paragraphs 2.B.1. and 2.B.2. of Airbus Helicopters Emergency Alert Service Bulletin (EASB) No. 05.00.51, Revision 4, dated November 20, 2014 (EASB 05.00.51), EASB No. 05.35, Revision 4, dated November 20, 2014 (EASB 05.35), or EASB No. 05.28, Revision 4, dated November 20, 2014 (EASB 05.28), as applicable to your model helicopter.

(2) If there is a crack in the shockproof paint around the entire adhesive bead where the Starflex arm joins the bushing (as shown in Figure 2 of EASB 05.00.51, EASB 05.35, or EASB 05.28, as applicable to your model helicopter), a gap between the adhesive bead and the bushing (as shown in Figure 3 of EASB 05.00.51, EASB 05.35, or EASB 05.28, as applicable to your model helicopter), delamination of a Starflex arm end (as shown in Figure 4 of EASB 05.00.51, EASB 05.35, or EASB 05.28, as applicable to your model helicopter), or loss of adhesive bead (as shown in Figure 5 of

EASB 05.00.51, EASB 05.35, or EASB 05.28, as applicable to your model helicopter), replace the Starflex before further flight.

(g) Credit for Previous Actions

Actions accomplished before the effective date of this AD in accordance with the procedures specified in Eurocopter Emergency Alert Service Bulletin Nos. 05.00.51, 05.35, or 05.28, all Revision 3 and dated August 18, 2008, as applicable to your model helicopter, are considered acceptable for compliance with the corresponding actions specified in paragraph (f) of this AD as long as the last inspection was accomplished within the prior 10 hours TIS.

(h) 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, the FAA suggests 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.

(i) Additional Information

(1) Airbus Helicopters Master Servicing Manual (MSM) AS 365 N, MSM AS 365 N1, MSM AS 365 N2, and MSM AS 365 N3, all Revision 7 and dated October 9, 2017; and Eurocopter Emergency Alert Service Bulletin Nos. 05.00.51, 05.35, 05.28, and 05.00.21, all Revision 3 and dated August 18, 2008, which are not incorporated by reference, contain additional information about the subject of this AD. For service information identified in this AD, use the contact information in paragraphs (k)(3) and (4).

(2) The subject of this AD is addressed in European Aviation Safety Agency (now European Union Aviation Safety Agency) (EASA) AD No. 2008-0165R1, dated June 30, 2017. You may view the EASA AD on the internet at <https://www.regulations.gov> in Docket No. FAA-2019-0827.

(j) Subject

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

(k) 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 Emergency Alert Service Bulletin (EASB) No. 05.00.51, Revision 4, dated November 20, 2014.

(ii) Airbus Helicopters EASB No. 05.28, Revision 4, dated November 20, 2014.

(iii) Airbus Helicopters EASB No. 05.35, Revision 4, dated November 20, 2014.

Note 1 to paragraph (k)(2): Airbus Helicopters EASB Nos. 05.00.51, 05.28, 05.35, all Revision 4 and dated November 20, 2014, are co-published as one document along with Airbus Helicopters

EASB No. 05.00.21, Revision 4, dated November 20, 2014, which is not incorporated by reference in this AD.

(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 <https://www.airbus.com/helicopters/services/technical-support.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, email fedreg.legal@nara.gov, or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on May 5, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-09947 Filed 5-8-20; 8:45 am]



2020-10-03 Weatherly Aircraft Company: Amendment 39-21121; Docket No. FAA-2018-0833; Product Identifier 2018-CE-031-AD.

(a) Effective Date

This AD is effective June 15, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Weatherly Aircraft Company (Weatherly) Models 201, 201A, 201B, 201C, 620, 620A, 620B, 620B-TG, and 620TP airplanes, all serial numbers, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC)/Air Transport Association (ATA) of America Code 5740, Wing Attach Hinge Fitting.

(e) Unsafe Condition

This AD was prompted by reports of cracks found on the center wing front spar lower hinge bracket. The FAA is issuing this AD to detect and correct corrosion and cracks on the wing hinge brackets and pin assemblies. The unsafe condition, if not addressed, could result in failure of the wing front and rear spar lower hinge brackets and lead to in-flight separation of the wing with consequent loss of control of the airplane.

(f) Compliance

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

(g) Detailed Inspection

(1) Within 3 months after June 15, 2020 (the effective date of this AD) and thereafter at intervals not to exceed 5 years, inspect each center and outer wing spar and spar cap, wing hinge bracket, and hardware for corrosion and cracks by following paragraphs 7 through 22 under the Detailed Inspection section in Weatherly 201/620 Service Bulletin SB-201/620-18001, Revision C, dated May 21, 2018 (Weatherly SB-201/620-18001, Revision C), except this AD does not require you to contact Weatherly.

(2) Serial numbers (S/N) 1155 and 1558 have already had the initial detailed inspection required by paragraph (g)(1) of this AD and only the 5-year repetitive detailed inspections are required for these airplanes.

(3) Any repair or replacement of parts with corrosion and any replacement of parts with a crack as specified in paragraphs 7 through 13 under the Detailed Inspection section in Weatherly SB-201/620-18001, Revision C, is required before further flight.

(h) Visual Inspection

Within 12 months after the initial detailed inspection required in paragraph (g) of this AD and thereafter at intervals not to exceed 12 months, visually inspect each forward and rear wing hinge bracket attachment pin, bolt, removed cap, spacer, and hardware for corrosion by following paragraphs 4 through 7 under the Visual Inspection section in Weatherly SB-201/620-18001, Revision C. Any additional inspection, repair, and replacement of parts with corrosion as specified in paragraphs 5 and 6 under the Visual Inspection section of Weatherly SB-201/620-18001, Revision C, is required before further flight. You may perform a detailed inspection in accordance with paragraph (g) of this AD instead of any visual inspection required by paragraph (h) of this AD.

(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.

(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 Roger Durbin, Senior Engineer, Airframe Section, Los Angeles Aircraft Certification Office, FAA, 3960 Paramount Blvd., Suite 100, Lakewood, California 90712; phone: (562) 627-5233; fax: (562) 627-5210; email: roger.durbin@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) Weatherly 201/620 Service Bulletin SB-201/620-18001, Revision C, dated May 21, 2018.

(ii) [Reserved]

(3) For Weatherly Aircraft Company service information identified in this AD, contact Weatherly Aircraft Company, 2034 West Potomac Avenue, Chicago, Illinois 60622-3152; telephone: (424) 772-1812; email: garybeck@cox.net.

(4) You may view this referenced 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.

(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, or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on May 1, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-09938 Filed 5-8-20; 8:45 am]



2020-10-05 Rockwell Collins, Inc.: Amendment 39-21123; Docket No. FAA-2018-0977; Product Identifier 2018-CE-041-AD.

(a) Effective Date

This AD is effective June 24, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Rockwell Collins, Inc. (Rockwell Collins) Pro Line 4 and Pro Line 21 Flight Management Systems installed on airplanes, certificated in any category, that has a flight management computer (FMC) with a Rockwell Collins part number (RCPN) listed in paragraph (c)(1) of this AD and with a configuration strapping unit (CSU) listed in paragraph (c)(2) of this AD.

(1) FMC-3000 RCPN 822-0883-031, -036, -038, -040, -041, -053, -054, -056, -057, -058, -059, -060, -081, -082, -083, -084; FMC-4200 RCPN 822-0783-022, -025, -028, -032, -036, -039, -040; FMC-5000 RCPN 822-0891-021, -027, -028, -034, -040; or FMC-6000 RCPN 822-0868-074, -075, -082, -083, -084, -085, -087, -089, -090, -109, -110, -111, -112, -113, -114, -116, -117, -122, -123, -127, -130, -132, -133, -134, -139.

(2) CSU-3100 RCPN 822-1363-002, CSU-4000 RCPN 822-0049-002, or CSU-4100 RCPN 822-1364-002.

Note 1 to paragraph (c) of this AD: To determine the CSU and FMC unit RCPN, refer to the aircraft manufacturer or applicable STC holder maintenance instructions for accessing them.

(d) Subject

Joint Aircraft System Component (JASC)/Air Transport Association (ATA) of America Code 3460, Flight Management Computing Hardware System.

(e) Unsafe Condition

This AD was prompted by reports of the FMC software issuing incorrect turn commands when the altitude climb field is edited or when the temperature compensation is activated. The FAA is issuing this AD to prevent the FMC from issuing an incorrect turn direction command. The unsafe condition, if not addressed, could result in a collision or controlled flight into terrain.

(f) Compliance

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

(g) Disable Temperature Compensation

Within the next 12 months after June 24, 2020 (the effective date of this AD), disable the automatic temperature compensation feature on the CSU by following steps (2) through (6) of the Instructions in Rockwell Collins Service Information Letter CSU-XX00-18-1, dated June 27, 2018.

(h) Revise the Airplane Flight Manual Limitations

Within the next 12 months after June 24, 2020 (the effective date of this AD), revise the airplane flight manual by adding the information from step 2 of the Aircraft Flight Manual Recommendation in Rockwell Collins Service Information Letter FMC-XX00-18-1, Revision 1, dated February 5, 2019, into the Limitations section of the AFM.

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Wichita 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 ACO, send it to the attention of the person identified in paragraph (j) 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

For more information about this AD, contact Avi Acharya, Aerospace Engineer, Wichita ACO Branch, FAA, 1801 Airport Road, Room 100, Wichita, Kansas 67209; phone: 316-946-4192; fax: 316-946-4107; email: avishek.acharya@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) Rockwell Collins Service Information Letter CSU-XX00-18-1, dated June 27, 2018.

(ii) Rockwell Collins Service Information Letter FMC-XX00-18-1, Revision 1, dated February 5, 2019.

(3) For service information identified in this AD, contact Rockwell Collins, Inc., Collins Aviation Services, 400 Collins Road NE, M/S 164-100, Cedar Rapids, IA 52498-0001; telephone: 888-265-5467 (U.S.) or 319-265-5467; fax: 319-295-4941; email: techmanuals@rockwellcollins.com; internet: <https://portal.rockwellcollins.com/web/publications-and-training>.

(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-2018-0977.

(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, or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on May 14, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-10744 Filed 5-19-20; 8:45 am]



2020-11-02 Airbus Helicopters: Amendment 39-21127; Docket No. FAA-2020-0026; Product Identifier 2018-SW-052-AD.

(a) Applicability

This AD applies to Airbus Helicopters Model AS332C, AS332C1, AS332L, AS332L1, AS332L2, and EC225LP helicopters, certificated in any category, with a hoist arm and with right-hand (RH) side lateral sliding plug door (sliding door) reinforced bracket modification (MOD) 0726841 installed.

Note 1 to paragraph (a) of this AD: Airbus Helicopters reinforced bracket MOD 0726841 may also be identified as sliding door median fitting reinforcement MOD 07.26841.

(b) Unsafe Condition

This AD defines the unsafe condition as interference between the hoist arm and the reinforced bracket resulting in failure of the sliding door to jettison. This condition could prevent helicopter occupants from evacuating the helicopter during an emergency.

(c) Effective Date

This AD becomes effective June 25, 2020.

(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 10 hours time-in-service:

(i) Revise the Rotorcraft Flight Manual for your helicopter by inserting the Emergency Procedures page and the Normal Procedures page applicable to your helicopter model and configuration from Appendix 4.C. Flight Manual of Airbus Helicopters Emergency Alert Service Bulletin (EASB) No. 01.00.89, Revision 1, dated June 28, 2018 (EASB 01.00.89), or Airbus Helicopters EASB No. 04A014, Revision 1, dated June 28, 2018 (EASB 04A014). Inserting a different document with information identical to that in Appendix 4.C. Flight Manual of EASB 01.00.89 or EASB 04A014 is acceptable for compliance with the requirements of this paragraph.

(ii) Cover existing placards for each RH sliding door in accordance with Appendix 4.B. Masking Tapes and Labels (RH lateral sliding door) of EASB 01.00.89 or EASB 04A014.

(iii) Install new placards in accordance with Appendix 4.A. Labels and Appendix 4.B. Masking Tapes and Labels (RH lateral sliding door) of EASB 01.00.89 or EASB 04A014.

(2) After complying with paragraph (e)(1) of this AD, each time the hoist arm is removed from the helicopter, you may remove the markings and placards that are required by paragraphs (e)(1)(ii)

and (iii) of this AD. Before the hoist arm is re-installed, you must re-install the markings and placards that are required by paragraphs (e)(1)(ii) and (iii) of this AD.

(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: Kristin Bradley, 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, the FAA suggests 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 Service Bulletin (SB) No. AS332-52.00.43 and SB No. EC225-52-008, both Revision 0 and dated June 23, 2015, which are not incorporated by reference, contain 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 <https://www.airbus.com/helicopters/services/technical-support.html>. You may view 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 (now European Union Aviation Safety Agency) (EASA) No. 2018-0140-E, dated June 29, 2018. You may view the EASA AD on the internet at <https://www.regulations.gov> in Docket No. FAA-2020-0026.

(h) Subject

Joint Aircraft Service Component (JASC) Code: 5200, Doors.

(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 Emergency Alert Service Bulletin (EASB) No. 01.00.89, Revision 1, dated June 28, 2018.

(ii) Airbus Helicopters EASB No. 04A014, Revision 1, dated June 28, 2018.

Note 2 to paragraph (i)(2): Airbus Helicopters EASB Nos. 01.00.89 and 04A014, both Revision 1 and dated June 28, 2018, are co-published as one document along with Airbus Helicopters EASB No. 01.00.52, Revision 1, dated June 28, 2018, which is not incorporated by reference in this AD.

(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 <https://www.airbus.com/helicopters/services/technical-support.html>.

(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, 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. 2020-10936 Filed 5-20-20; 8:45 am]



2020-11-04 Learjet Inc.: Amendment 39-21129; Docket No. FAA-2019-0204; Project Identifier 2018-CE-042-AD.

(a) Effective Date

This AD is effective June 25, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Learjet Inc. Model 60 airplanes, serial numbers 60-001 through 60-430 inclusive, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC)/Air Transport Association (ATA) of America Code 78, Engine Exhaust.

(e) Unsafe Condition

This AD was prompted by a report of a reverse thrust command accelerating the airplane instead of decelerating the airplane because the thrust reverser doors were stowed instead of deployed. The FAA is issuing this AD to mitigate failure of the engine thrust reverser system. The unsafe condition, if not addressed, could result in the airplane overrunning the runway or a runway excursion.

(f) Compliance

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

(g) Install a Thrust Reverser Voice Command Warning System

Within the next 1,200 hours time-in-service or within the next 48 months after June 25, 2020 (the effective date of this AD), whichever occurs first, install a Thrust Reverser Voice Command Warning System and perform a functional test in accordance with sections 3.A. through 3.C. of the Accomplishment Instructions in Bombardier Learjet 60 Service Bulletin SB 60-78-9, dated June 25, 2018.

(h) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Wichita 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 (i) 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.

(i) Related Information

For more information about this AD, contact James Galstad, Aerospace Engineer, Wichita ACO Branch, 1801 Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946-4135; fax: (316) 946-4107; email: james.galstad@faa.gov or Wichita-COS@faa.gov.

(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 this AD specifies otherwise.

(i) Bombardier Learjet 60 Service Bulletin SB 60-78-9, dated June 25, 2018.

(ii) [Reserved]

(3) For service information identified in this AD, contact Learjet Inc., MS 53, P.O. Box 7707, Wichita, Kansas 67277-7707; telephone: (toll free) 1-866-538-1247; (514) 855-2999; internet: <https://my.businessaircraft.bombardier.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.

(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, 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. 2020-10915 Filed 5-20-20; 8:45 am]



2020-11-05 Airbus Helicopters: Amendment 39-21130; Docket No. FAA-2020-0455; Product Identifier 2019-SW-105-AD.

(a) Effective Date

This AD becomes effective June 8, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Airbus Helicopters Model EC120B helicopters, certificated in any category, all serial numbers.

(d) Subject

Joint Aircraft Service Component (JASC) Code 6400, Tail rotor system.

(e) Reason

This AD was prompted by a report of recurrent loss of tightening torque on several attachment bolts on the tail rotor hub body. The FAA is issuing this AD to address this condition, which could lead to cracking and potential loss of the tail rotor drive and consequent loss of yaw control of the helicopter.

(f) Compliance

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

(g) Definitions

(1) For the purposes of this AD, an affected part is any tail rotor hub body part number C642A0100103.

(2) For the purposes of this AD, a serviceable part is any affected part that is new (not previously installed on any helicopter); or any affected part on which an inspection has been done as specified in the instructions of Airbus Helicopters Emergency Alert Service Bulletin 05A020, Revision 0, dated October 29, 2019, or Airbus Helicopters Emergency Alert Service Bulletin 05A020, Revision 1, dated November 8, 2019, and there were no cracks.

(h) Repetitive Inspection of the Tail Rotor Hub Body

Within 15 hours time-in-service (TIS) or 7 days, whichever occurs first after the effective date of this AD: Inspect the affected part (as defined in paragraph (g)(1) of this AD) for cracking in accordance with the instructions of section 3.B.2 of Airbus Helicopters Emergency Alert Service Bulletin 05A020, Revision 1, dated November 8, 2019. Thereafter, repeat the inspection at intervals not to exceed 15 hours TIS.

(i) Corrective Actions

(1) If, during any inspection required by paragraph (h) of this AD, there are any cracks, before next flight, replace the tail rotor hub body with a serviceable part (as defined in paragraph (g)(2) of this AD) and replace the bolts, washers, and nuts with new bolts, washers, and nuts, in accordance with the instructions of section 3.B.3 of Airbus Helicopters Emergency Alert Service Bulletin 05A020, Revision 1, dated November 8, 2019, and inspect the tail rotor splined flange for the conditions identified in figure 1 to paragraph (i)(1) of this AD and at the areas identified in figure 2 to paragraph (i)(1) of this AD in accordance with the instructions of section 1.E.2 of Airbus Helicopters Emergency Alert Service Bulletin 05A020, Revision 1, dated November 8, 2019.

Note 1 to paragraph (i)(1): You may refer to “Detailed Check– Splined Flange,” Task 64-21-00, 6-5, Airbus Aircraft Maintenance Manual (AMM) Version B, dated April 7, 2014, which pertains to the tail rotor splined flange inspection.

Figure 1 to paragraph (i)(1) – Inspection Criteria for Tail Rotor Splined Flange

Location as specified in figure 2 to paragraph (i)(1) of this AD	Maximum damage, which causes replacement (E1, Dia. 2, and Dia. 3 are shown in figure 2 to paragraph (i)(1) of this AD)
Zone A	Score, depth more than 0.2 millimeters (mm) (0.008 in.) Crack E1 less than 2.75 mm (0.108 in.) Dia. 3 more than 6.02 mm (0.2371 in.) Dia. 2 more than 33.03 mm (1.3004 in.)
Zone B	Sanding depth more than 0.1 mm (0.004 in.) Crack
Zone C	Crack Score, depth more than 0.2 mm (0.008 in.)

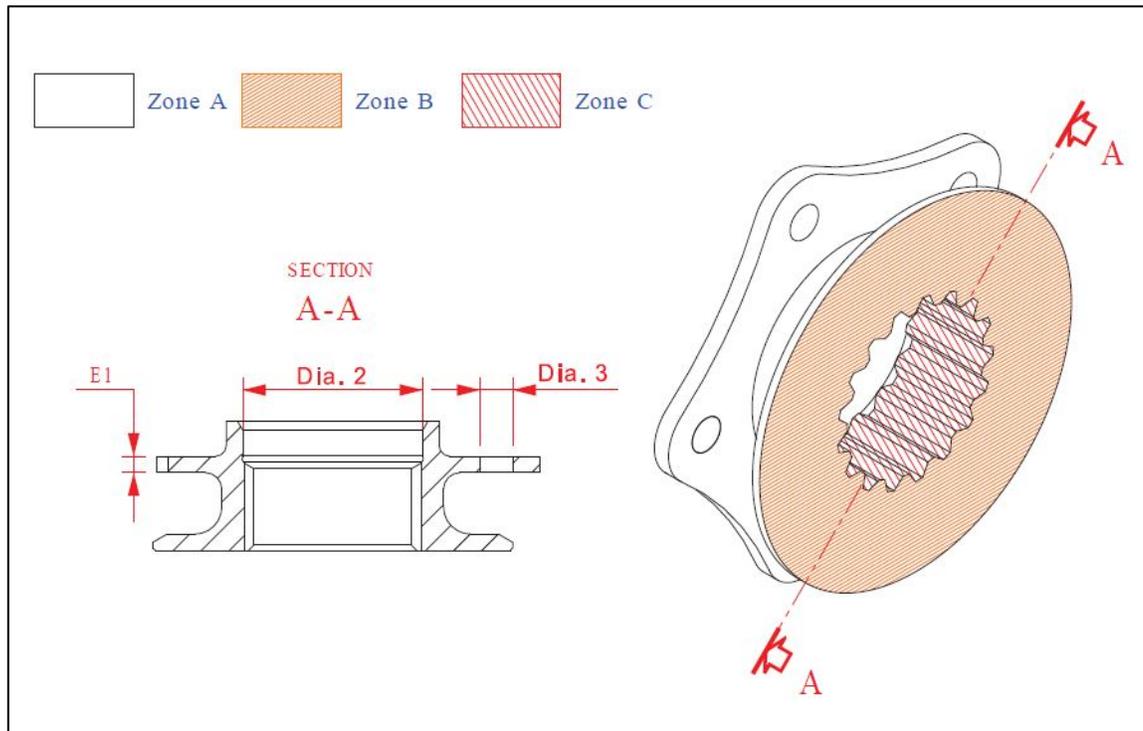


Figure 2 to paragraph (i)(1) – Inspection Areas of Tail Rotor Splined Flange

(2) If, during any inspection of the tail rotor splined flange required by paragraph (i)(1) of this AD, the condition of the part exceeds the criteria as specified in figure 1 to paragraph (i)(1) of this AD, before next flight, replace the tail rotor splined flange with an airworthy tail rotor splined flange in accordance with the instructions of section 3.B.4 of Airbus Helicopters Emergency Alert Service Bulletin 05A020, Revision 1, dated November 8, 2019.

(j) Replacement of Attachment Bolts, Washers, and Nuts of the Tail Rotor Hub Body

Within the applicable compliance time specified in figure 3 to paragraph (j) of this AD, replace the attachment bolts, washers, and nuts of the tail rotor hub body with new bolts, washers, and nuts in accordance with the instructions of Airbus Helicopters Emergency Alert Service Bulletin 05A020, Revision 1, dated November 8, 2019. Thereafter, repeat the replacement of the bolts, washers, and nuts at intervals not to exceed 1,000 hours TIS.

Figure 3 to paragraph (j) – Initial Replacement of Bolts, Washers and Nuts

Accumulated Hours TIS on the bolts since first installation on a helicopter	Compliance Time
Less than 9,000 hours TIS	Within 1,000 hours TIS since the initial inspection required by paragraph (h) of this AD was done, without exceeding 9,000 hours TIS on the bolts since first installation on a helicopter
9,000 or more hours TIS, or hours TIS unknown	Within 15 hours TIS or 7 days, whichever occurs first after the effective date of this AD

(k) Parts Installation Limitation

As of the effective date of this AD, it is allowed to install on any helicopter an affected part, provided it is a serviceable part, as defined in paragraph (g) of this AD.

(l) Credit for Previous Actions

This paragraph provides credit for actions required by paragraphs (h) through (j) of this AD, if those actions were performed before the effective date of this AD using Airbus Helicopters Emergency Alert Service Bulletin 05A020, Revision 0, dated October 29, 2019.

(m) 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: Manager, 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, 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.

(n) Related Information

The subject of this AD is addressed in European Union Aviation Safety Agency (EASA) AD 2019-0272R1, dated November 18, 2019. This EASA AD may be found in the AD docket on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2020-0455.

(o) 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 this AD specifies otherwise.

(i) Airbus Helicopters Emergency Alert Service Bulletin 05A020, Revision 1, dated November 8, 2019.

(ii) [Reserved]

(3) 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 <https://www.airbus.com/helicopters/services/technical-support.html>.

(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.

(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, or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on May 18, 2020.

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

[FR Doc. 2020-11082 Filed 5-21-20; 8:45 am]