

**FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES**

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

BIWEEKLY 2020-13

6/8/2020 - 6/21/2020



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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AD No.	Information	Manufacturer	Applicability
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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
Biweekly 2020-12			
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
Biweekly 2020-13			
2020-03-50		Cirrus Design Corporation	SF50
2020-12-02		Airbus Helicopters	EC120B
2020-12-07		Hamilton Sundstrand Corporation	54H60
2020-12-08	R 2011-20-01	Embraer S.A.	EMB-505
2020-12-10	R 2011-12-08	Bell Textron Inc.	205A, 205A-1, 205B, 212, 412, 412CF, and 412EP



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AIRWORTHINESS DIRECTIVE

www.faa.gov/aircraft/safety/alerts/
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2020-03-50 Cirrus Design Corporation: Amendment 39-21137; Docket No. FAA-2020-0546;
Project Identifier 2020-CE-001-AD.

(a) Effective Date

This airworthiness directive (AD) is effective June 11, 2020 to all persons except those persons to whom it was made immediately effective by Emergency AD 2020-03-50, issued on February 14, 2020, which contained the requirements of this amendment.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Cirrus Design Corporation (Cirrus) Model SF50 airplanes, serial numbers 0005 through 0176 and 0178, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC)/Air Transport Association (ATA) of America Code
Joint Aircraft System Component (JASC)/Air Transport Association (ATA) of America Code 23;
Communications.

(e) Unsafe Condition

This AD was prompted by a cabin fire incident that occurred on a Cirrus Model SF50 airplane during ground operations. The investigation into the incident determined the probable root cause was a malfunction of the headset amplifier (part number (P/N) 38849-001) and the microphone interface (P/N 35809-001) circuit card assemblies for the 3.5 millimeter (mm) audio and microphone jacks. The FAA is issuing this AD to prevent an electrical short and subsequent uncontained cabin fire, which could result in occupant injury or loss of airplane control.

(f) Compliance

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

(g) Corrective Action

Before further flight, disconnect and remove the headset amplifier and microphone interface circuit card assemblies by following the Accomplishment Instructions, steps A. and G. through K., of Cirrus Alert Service Bulletin Number SBA5X-23-03, dated February 7, 2020.

(h) Special Flight Permit

Special flight permits are prohibited.

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Chicago 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 Joe Dubusky, Aerospace Engineer, Chicago ACO Branch, FAA, 2300 E. Devon Ave., Des Plaines, IL 60018; phone: 847-294-7543; fax: 847-294-7834; email: joseph.dubusky@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) Cirrus Alert Service Bulletin Number SBA5X-23-03, dated February 7, 2020.

(ii) [Reserved]

(3) For the service information identified in this AD, contact Cirrus Design Corporation, Cirrus Design Corporation; 4515 Taylor Circle Duluth, MN 55811; phone: (800) 279-4322; email: info@cirrusaircraft.com; internet: <https://cirrusaircraft.com>.

(4) You may view the 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 the service information that is incorporated by reference at the National Archives and Records Administration (NARA). For more 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 28, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-12498 Filed 6-10-20; 8:45 am]



2020-12-02 Airbus Helicopters: Amendment 39-21136; Docket No. FAA-2020-0239; Product Identifier 2018-SW-073-AD.

(a) Effective Date

This AD is effective July 13, 2020.

(b) Affected ADs

None.

(c) Applicability

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

(d) Subject

The Joint Aircraft System/Component (JASC) Code 6410, Tail rotor blades.

(e) Reason

This AD was prompted by a report that a new manufacturing process for the tail rotor blades (TRBs) has been implemented, affecting the structural characteristics of the TRB and generating a new part number (P/N) for these blades. It was determined that a new life limit is needed for the new P/N TRBs. The FAA is issuing this AD to ensure the new P/N TRBs do not exceed their life limit, which could lead to loss of the TRB and subsequent loss of control of the helicopter.

(f) Compliance

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

(g) Definition of an Affected Part for Re-Identification and Validation of Rework/Repair/Modification

An “affected part” is a TRB having P/N C642A0300103 and a serial number specified in Appendix 4.A. of Airbus Helicopters Alert Service Bulletin EC120-04A008, Revision 0, dated July 18, 2018 (“ASB EC120-04A008”).

(h) Part Replacement (Life Limit Implementation)

Before exceeding 8,500 hours time-in-service (TIS) since first installation on a helicopter: Remove from service each TRB having P/N C642A0300104 or P/N C642A0300105.

(i) Part Re-Identification and Validation of Rework/Repair/Modification

(1) Within 1,000 hours TIS after the effective date of this AD: Re-identify each affected part in accordance with 3.B. of the Accomplishment Instructions of ASB EC120-04A008.

(2) Within 6 months after the effective date of this AD, for each affected part which has been subject to rework, repair, or modification before the re-identification as required by paragraph (i)(1) of this AD, contact the Manager, Safety Management Section, Rotorcraft Standards Branch, FAA, for additional applicable maintenance instructions and, within the compliance time identified in those instructions, accomplish those instructions accordingly.

(j) Parts Installation Prohibition and Rework/Repair/Modification Limitation

(1) As of the effective date of this AD, no person may install a TRB having P/N C642A0300103 and a serial number specified in Appendix 4.A. of ASB EC120-04A008 on any helicopter.

(2) As of the effective date of this AD, no person may accomplish any rework, repair, or modification of an affected part, unless it has been determined that the rework, repair, or modification is FAA-approved for P/N C642A0300105.

(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: Kristi Bradley, Aviation Safety Engineer, Safety Management Section, Rotorcraft Standards Branch, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone 817-222-5485; 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) Refer to Mandatory Continuing Airworthiness Information (MCAI) European Aviation Safety Agency (now European Union Aviation Safety Agency) AD 2018-0183, dated August 28, 2018, for related information. This MCAI may be found in the AD docket on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2020-0239.

(2) For more information about this AD, contact Kristi Bradley, Aviation Safety Engineer, Safety Management Section, Rotorcraft Standards Branch, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone 817-222-5485; email Kristin.Bradley@faa.gov.

(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 Alert Service Bulletin EC120-04A008, Revision 0, dated July 18, 2018.

(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.helicopters.airbus.com/website/en/ref/Technical-Support_73.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 28, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-12342 Filed 6-5-20; 8:45 am]



2020-12-07 Hamilton Sundstrand Corporation: Amendment 39-21142; Docket No. FAA-2019-1008; Project Identifier AD-2019-00110-P.

(a) Effective Date

This AD is effective July 20, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Hamilton Sundstrand Corporation (Hamilton Sundstrand) model 54H60 propellers with a blade having a serial number (S/N) below S/N 813320.

(d) Subject

Joint Aircraft System Component (JASC) Code 6111, Propeller Blade Section.

(e) Unsafe Condition

This AD was prompted by the separation of a propeller blade that resulted in the loss of an airplane and 17 fatalities. The FAA is issuing this AD to detect cracking in the propeller blade taper bore. The unsafe condition, if not addressed, could result in failure of the propeller blade, blade separation, and loss of the airplane.

(f) Compliance

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

(g) Required Actions

(1) For affected propellers identified in Planning Information, paragraph 1.E.(1), of Hamilton Sundstrand Corporation Alert Service Bulletin (ASB) 54H60-61-A154, dated August 26, 2019 (“the ASB”), perform an eddy current inspection (ECI) of all blades installed on the propeller within one year or 500 flight hours after the effective date of this AD, whichever occurs first.

(2) For affected propellers identified in Planning Information, paragraph 1.E.(2), of the ASB, perform an ECI of all blades installed on the propeller within two years or 1,000 flight hours after the effective date of this AD, whichever occurs first.

(3) Perform the ECI of the affected propeller blades using the Accomplishment Instructions, paragraph 3.C. of the ASB.

(4) If any propeller blade fails any inspection required by this AD, based on the criteria in paragraph 3.C. of the ASB, remove the blade from service and replace with a blade eligible for installation prior to the next flight.

(5) For all affected propellers, repeat the inspection required by paragraphs (g)(1) through (4) of this AD at intervals not exceeding 3 years or 1,500 flight hours, whichever comes first, after the previous inspection.

(6) Report the results of the ECI required by paragraphs (g)(1) through (5) of this AD in accordance with the Accomplishment Instructions, paragraph 3.C.(6) of the ASB.

(h) Installation Prohibition

After the effective date of this AD, do not install any Hamilton Sundstrand propeller blades having an S/N below 813320 on any propeller, unless the blade has first passed the inspection required by this AD. After the effective date of this AD, do not install any propeller assemblies with affected propeller blades onto any aircraft unless the affected propeller blades have passed the inspection required by paragraph (g) of this AD.

(i) Paperwork Reduction Act Burden Statement

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120-0056. Public reporting for this collection of information is estimated to be approximately 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177-1524.

(j) 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 certification office, send it to the attention of the person identified in paragraph (k) 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.

(k) Related Information

For more information about this AD, contact Maureen Maisttison, Aerospace Engineer, Boston ACO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: 781-238-7076; fax: 781-238-7199; email: maureen.maisttison@faa.gov.

(l) 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) Hamilton Sundstrand Corporation (Hamilton Sundstrand) Alert Service Bulletin 54H60-61-A154, dated August 26, 2019.

(ii) [Reserved]

(3) For Hamilton Sundstrand service information identified in this AD, contact Hamilton Sundstrand, 1 Hamilton Road, Windsor Locks, CT 06096-1010, United States; phone: (877) 808-7575; email: CRC@collins.com.

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call 781-238-7759.

(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 June 3, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-12821 Filed 6-12-20; 8:45 am]



2020-12-08 Embraer S.A. (Type Certificate Previously Held by Empresa Brasileira de Aeronautica S.A.): Amendment 39-21143; Docket No. FAA-2020-0466; Project Identifier MCAI-2020-00504-A.

(a) Effective Date

This AD is effective July 1, 2020.

(b) Affected ADs

This AD replaces AD 2011-20-01, Amendment 39-16810 (76 FR 59240, September 26, 2011).

(c) Applicability

This AD applies to Embraer S.A. (type certificate previously held by Empresa Brasileira de Aeronautica S.A.) Model EMB-505 airplanes, all serial numbers, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 5520, ELEVATOR STRUCTURE; 5540, RUDDER STRUCTURE; 5751, AILERONS.

(e) Unsafe Condition

This AD was prompted by reports of corrosion in the mass-balance weights of the flight control surfaces and a determination that new airworthiness limitations are necessary. The FAA is issuing this AD to address corrosion in the mass-balance weights of the flight control surfaces. The unsafe condition, if not addressed, could result in loss of mass or the detachment of the mass-balance weights, resulting in an unbalanced control surface, which could lead to flutter and loss of airplane control.

(f) Compliance

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

(g) Compliance Times for the Actions Required by Paragraph (h) of This AD

For airplanes with a serial number listed in Embraer Alert Service Bulletin SB505-55-A004, Revision 5, dated December 12, 2019 ("SB505-55-A004R5"): At the applicable compliance time specified in paragraph (g)(1), (2), or (3) of this AD, accomplish the actions required by paragraph (h) of this AD.

(1) For airplanes with a serial number listed in Group 1 of Embraer Alert SB505-55-A004R5: Within 3 calendar days or 5 hours time-in-service (TIS), whichever occurs first, after July 1, 2020 (the effective date of this AD).

(2) For airplanes with a serial number listed in Group 3 of SB505-55-A004R5: Within 30 calendar days or 50 hours TIS, whichever occurs first, after July 1, 2020 (the effective date of this AD).

(3) For airplanes with a serial number listed in Group 2 of SB505-55-A004R5: Within 60 calendar days or 100 hours TIS, whichever occurs first, after July 1, 2020 (the effective date of this AD).

(h) Required Actions

For airplanes with a serial number listed in SB505-55-A004R5, at the applicable time specified in paragraph (g) of this AD: Do the inspections identified in paragraphs (h)(1) through (6) of this AD and, before further flight, install or replace the mass-balance, as applicable, and replace the attachment parts, in accordance with Parts I through VI and Part VIII, as applicable, of the Accomplishment Instructions of SB505-55-A004R5, except where SB505-55-A004R5 tells you to submit information to Embraer, instead you must comply with paragraph (k) of this AD.

(1) Do an inspection of the elevator horn mass-balance weights and attachments parts for corrosion and fragmentation, and weigh each mass-balance.

(2) Do an inspection of the elevator internal mass-balance weights and attachments parts for corrosion and fragmentation and, weigh each mass-balance. You must remove and weigh the mass-balance weight even if there is no sign of corrosion or material fragmentation.

(3) Do an inspection of the elevator adjustable mass-balance weights and attachments parts for corrosion and fragmentation, and weigh each mass-balance.

(4) Do an inspection of the aileron mass-balance weights and attachments parts for corrosion and fragmentation and, weigh each mass-balance. You must remove and weigh the mass-balance weight even if there is no sign of corrosion or material fragmentation.

(5) Do an inspection of the rudder adjustable mass-balance weights and attachments parts for corrosion and fragmentation, and weigh each mass-balance.

(6) Do an inspection of the rudder internal mass-balance weights and attachments parts for corrosion and fragmentation and, weigh each mass-balance. You must remove and weigh the mass-balance weight even if there is no sign of corrosion or material fragmentation.

(i) Revision of the Airworthiness Limitations Section

Within 10 days after July 1, 2020 (the effective date of this AD), revise the airworthiness limitations section (ALS) of the existing maintenance manual or instructions for continued airworthiness to add the information in Table 1 to paragraph (i) of this AD and the initial compliance time information in Table 2 to paragraph (i) of this AD.

Table 1 to paragraph (i) – New Airworthiness Limitations

Maintenance Requirement	Inspection Type	Inspection Title	Interval
55-20-04-001	General visual inspection (GVI)	Internal GVI of Elevator Mass-Balance Weight and Attachments	60 Months (MO)
55-20-04-002	Special detailed inspection (SDI)	SDI (Borescope Method) of Elevator Mass-Balance Weight and Attachments	60 MO
55-40-04-002	GVI	Internal GVI of Rudder Adjustable Mass-Balance Weight and Attachments	60 MO
55-40-04-003	SDI	SDI (Borescope Method) of Rudder Fixed Mass-Balance Weight and Attachments	60 MO
57-60-00-001	Detailed visual inspection (DET)	External DET of the Aileron	60 MO

Table 2 to paragraph (i) – Initial compliance time for the inspections listed in Table 1 to paragraph (i) of this AD

Age of airplane on the effective date of this AD	Initial Compliance Time for Each Inspection
Less than 48 MO since the date of issuance of the original airworthiness certificate or the original export certificate of airworthiness	Within 60 MO after the date of issuance of the original airworthiness certificate or the original export certificate of airworthiness
Between 48 MO and 72 MO since the date of issuance of the original airworthiness certificate or the original export certificate of airworthiness	Within 12 MO after the effective date of this AD, or within 72 MO after the date of issuance of the original airworthiness certificate or the original export certificate of airworthiness, whichever occurs first
More than 72 MO since the date of issuance of the original airworthiness certificate or the original export certificate of airworthiness	Within 30 days after the effective date of this AD

(j) No Alternative Actions or Intervals

After the ALS has been revised as required by paragraph (i) of this AD, no alternative inspection intervals may be approved, except as provided in paragraph (n)(1) of this AD.

(k) Reporting

For airplanes with a serial number listed in SB505-55-A004R5, at the applicable time specified in paragraph (k)(1) or (2) of this AD: For any inspection required by paragraph (h) of this AD, report findings to Embraer via email to contact.center@embraer.com. The report must include information specified in Appendix 1 of SB505-55-A004R5.

(1) If the inspection was done on or after July 1, 2020 (the effective date of this AD): Submit the report within 96 hours after the inspection.

(2) If the inspection was done before July 1, 2020 (the effective date of this AD): Submit the report within 5 days after July 1, 2020 (the effective date of this AD).

(l) Credit for Previous Actions

This paragraph provides credit for the actions required by paragraph (h) or (i) of this AD, if you performed those actions before July 1, 2020 (the effective date of this AD) using the service information specified in paragraphs (1)(1), (2), or (3) of this AD.

(1) Embraer Alert Service Bulletin SB505-55-A004, Revision 2, dated November 6, 2019.

(2) Embraer Alert Service Bulletin SB505-55-A004, Revision 3, dated November 13, 2019.

(3) Embraer Alert Service Bulletin SB505-55-A004, Revision 4, dated November 21, 2019.

(m) Paperwork Reduction Act Burden Statement

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120-0056. Public reporting for this collection of information is estimated to be approximately 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177-1524.

(n) Alternative Methods of Compliance (AMOCs)

(1) 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: Jim Rutherford, Aerospace Engineer, Small Airplane Standards Branch, FAA, 901 Locust, Room 301, Kansas City, Missouri 64106; phone: (816) 329-4165; fax: (816) 329-4090; email: jim.rutherford@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) 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.

(o) Related Information

(1) For more information about this AD, contact Jim Rutherford, Aerospace Engineer, Small Airplane Standards Branch, FAA, 901 Locust, Room 301, Kansas City, Missouri 64106; phone: (816) 329-4165; fax: (816) 329-4090; email: jim.rutherford@faa.gov.

(2) Refer to Mandatory Continuing Airworthiness Information (MCAI) Brazilian Emergency AD No. 2020-01-01, dated January 9, 2020, for more information. You may examine the MCAI in the AD docket on the internet at <https://www.regulations.gov> by searching for and locating it in Docket No. FAA-2020-0466.

(p) 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) Embraer Alert Service Bulletin SB505-55-A004, Revision 5, dated December 12, 2019.

(ii) [Reserved]

(3) For Embraer service information identified in this AD, contact Phenom Maintenance Support, Avenida Brigadeiro Faria Lima, 2170, P.O. Box 36/2, São José dos Campos, 12227-901, Brazil; phone: +55 12 3927 1000; email: phenom.reliability@embraer.com.br; website: <https://www.embraer.com.br/en-US/Pages/home.aspx>.

(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 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 June 9, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-12880 Filed 6-15-20; 8:45 am]



FAA
Aviation Safety

AIRWORTHINESS DIRECTIVE

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

2020-12-10 Bell Textron Inc. (Type Certificate Previously Held by Bell Helicopter Textron Inc.): Amendment 39-21145; Docket No. FAA-2018-0866; Product Identifier 2018-SW-083-AD.

(a) Applicability

This AD applies to Bell Textron Inc. (Type Certificate previously held by Bell Helicopter Textron Inc.) Model 205A, 205A-1, 205B, 212, 412, 412CF, and 412EP helicopters, certificated in any category, with a tail rotor (T/R) blade part number 212-010-750 (all dash numbers) installed, all serial numbers (S/Ns) except:

- (1) S/Ns with a prefix of "BH"; or
- (2) S/Ns with a prefix of "A" and a number 17061 or larger.

(b) Unsafe Condition

This AD defines the unsafe condition as a pit or corrosion in the forward spar of a T/R blade. This condition could result in a crack in the T/R blade, loss of the T/R blade, and subsequent loss of control of the helicopter.

(c) Affected ADs

This AD replaces AD 2011-12-08, Amendment 39-16715 (76 FR 35334, June 17, 2011) ("AD 2011-12-08").

(d) Effective Date

This AD becomes effective July 16, 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

(1) Within 25 hours time-in-service or 30 days, whichever occurs first:

(i) Remove the T/R hub and blade assembly from the helicopter and remove the T/R blade from the hub. Remove the paint from the spar area on both sides of the T/R blade by following the Accomplishment Instructions, paragraphs 3. through 5., of the following Bell Helicopter Textron, Inc. Alert Service Bulletins, all Revision A, and all dated December 8, 2009: Alert Service Bulletin (ASB) No. 205-09-102 for the Model 205A and 205A-1 helicopters; ASB No. 205B-09-54 for the Model 205B helicopters; ASB No. 212-09-134 for the Model 212 helicopters; ASB No. 412CF-09-38 for the Model 412CF helicopters; and ASB No. 412-09-136 for the Model 412 and 412EP helicopters.

(ii) Using a 3-power or higher magnifying glass, visually inspect both sides of the T/R blade for any corrosion or pitting in the spar inspection areas as depicted in Figure 1 of the ASB for your model helicopter.

(2) Before further flight:

(i) If you find any corrosion or pitting that is 0.003 inch deep or less, either replace the T/R blade with an airworthy T/R blade or repair the T/R blade.

(ii) If you find any corrosion or pitting that is greater than 0.003 inch deep, replace the T/R blade with an airworthy T/R blade.

(iii) If any parent material is removed during the sanding operation required by paragraph (f)(1)(i) of this AD, either replace the T/R blade with an airworthy T/R blade, or repair the T/R blade if the parent material removed is within the maximum repair damage limits.

(iv) If there is no corrosion or pitting and no damage greater than 0.003 inch deep, refinish the inspection areas and reinstall each T/R blade onto the T/R hub, install the T/R assembly on the helicopter and track and balance the T/R in accordance with the Accomplishment Instructions, paragraphs 8. through 10., of the ASB for your model helicopter.

(g) Credit for Previous Actions

Actions accomplished before the effective date of this AD in accordance with AD 2011-12-08 are acceptable for compliance with the corresponding actions specified in paragraph (f) of this AD.

(h) Alternative Methods of Compliance (AMOCs)

(1) The Manager, DSCO, FAA, may approve AMOCs for this AD. Send your proposal to: Kuethe Harmon, Safety Management Program Manager, DSCO Branch, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone 817-222-5198; email 9-ASW-190-COS@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) Subject

Joint Aircraft Service Component (JASC) Code: 6410, Tail Rotor Blades.

(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 July 5, 2011 (76 FR 35334, June 17, 2011).

(i) Bell Helicopter Textron, Inc. Alert Service Bulletin (ASB) No. 205-09-102, Revision A, dated December 8, 2009.

(ii) Bell Helicopter Textron, Inc. ASB No. 205B-09-54, Revision A, dated December 8, 2009.

(iii) Bell Helicopter Textron, Inc. ASB No. 212-09-134, Revision A, dated December 8, 2009.

(iv) Bell Helicopter Textron, Inc. ASB No. 412CF-09-38, Revision A, dated December 8, 2009.

(v) Bell Helicopter Textron, Inc. ASB No. 412-09-136, Revision A, dated December 8, 2009.

(4) For Bell Helicopter service information identified in this AD, contact Bell Textron, Inc., P.O. Box 482, Fort Worth, TX 76101; telephone 817-280-3391; fax 817-280-6466; or at <https://www.bellcustomer.com>.

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

Issued on June 5, 2020.

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

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