

**FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES**

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

BIWEEKLY 2021-04

2/1/2021 - 2/14/2021



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 2021-01

2020-26-10		Leonardo S.p.a.	A119 and AW119 MKII
2020-26-13		Sikorsky Aircraft Corporation	S-92A
2020-26-14	R 75-16-20	Mitsubishi Heavy Industries, Ltd.	MU-2B, MU-2B-10, MU-2B-15, MU-2B-20, MU-2B-25, MU-2B-26, MU-2B-26A, MU-2B-30, MU-2B-35, MU-2B-36, MU-2B-36A, MU-2B-40, and MU-2B-60

Biweekly 2021-02

2020-26-16		Piper Aircraft, Inc.	PA-28-151, PA-28-161, PA-28-181, PA-28-235, PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-32-260, PA-32-300, PA-32R-300, PA-32RT-300, and PA-32RT-300T
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Biweekly 2021-03

2021-01-02		M7 Aerospace LLC	SA26-AT and SA26-T
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Biweekly 2021-04

2021-02-20		Hélicoptères Guimbal	Cabri G2
2021-04-04	R 2020-19-02	Airbus Helicopters	SA330J
2021-04-06		Pilatus Aircraft Ltd.	PC-7



2021-02-20 Hélicoptères Guimbal: Amendment 39-21403; Docket No. FAA-2020-1177; Project Identifier MCAI-2020-01336-R.

(a) Effective Date

This airworthiness directive (AD) is effective February 22, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Hélicoptères Guimbal Model Cabri G2 helicopters, certificated in any category, with rotating or non-rotating scissor fitting part number (P/N) G12-00-200, installed on the main rotor hub (MRH) or swashplate guide, respectively.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 6700, Rotorcraft Flight Control.

(e) Unsafe Condition

This AD was prompted by a report of a crack in a rotating scissor fitting. The FAA is issuing this AD to detect a crack and prevent failure of a scissor fitting. The unsafe condition, if not addressed, could result in failure of a rotating or non-rotating scissor fitting 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) Within 30 hours time-in-service (TIS) or 30 calendar days, whichever occurs first:

(i) Remove the cotter pins and bolts connecting the rotating and non-rotating scissor fitting by following the Required Actions, IPC 4.1-2(a), of Guimbal Service Bulletin SB 20-012, Revision B, dated October 5, 2020 (SB 20-012 Rev B). Remove the cotter pins from service. Clean each scissor fitting. Using a flashlight, visually inspect each scissor fitting by following the Required Actions, IPC 4.1-2(b), of SB 20-012 Rev B.

(ii) If there is a crack, before further flight, replace the MRH or swashplate guide, as applicable.

(iii) If there is not a crack, reassemble the scissor fittings by following the Required Actions, IPC 4.1-2(c), of SB 20-012 Rev B.

(2) Thereafter, within 50 hours TIS or 6 months, whichever occurs first, and at intervals not to exceed 50 hours TIS or 6 months, whichever occurs first:

(i) Leaving each rotating and non-rotating scissor fitting assembled, clean each scissor fitting. Using a flashlight, visually inspect each scissor fitting by following the Required Actions, IPC 4.1-2(a), of Guimbal Service Bulletin SB 20-011, Revision C, dated October 5, 2020.

(ii) If there is a crack, before further flight, replace the MRH or swashplate guide, as applicable.

(3) As of the effective date of this AD, do not install an MRH or swashplate guide, with rotating or non-rotating scissor fitting P/N G12-00-200 installed, respectively, on any helicopter, even if new, unless the actions required by paragraph (g)(1) of this AD have been accomplished.

(h) Credit for Previous Actions

(1) This paragraph provides credit for the actions required by paragraph (g)(1) of this AD if you accomplished Guimbal Service Bulletin SB 20-012, Revision A, dated September 1, 2020, before the effective date of this AD.

(2) This paragraph provides credit for the first instance of the actions required by paragraph (g)(2) of this AD if you accomplished Guimbal Service Bulletin SB 20-011, Revision B, dated September 1, 2020, before the effective date of this AD.

(i) Special Flight Permits

A special flight permit may be permitted provided that there are no passengers onboard, and the flight is operating under day Visual Flight Rules, for the purpose of ferrying the helicopter to an authorized maintenance facility.

(j) Alternative Methods of Compliance (AMOCs)

(1) The Manager, International Validation 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)(1) of this AD. Information may be emailed to: 9-AVS-AIR-730-AMOC@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.

(k) Related Information

(1) For more information about this AD, Fred Guerin, Aerospace Engineer, General Aviation & Rotorcraft Section, International Validation Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone (206) 231-3500; email fred.guerin@faa.gov.

(2) Guimbal Service Bulletin SB 20-011, Revision B, and SB 20-012, Revision A, each dated September 1, 2020, which are not incorporated by reference, contain additional information about the subject of this AD. For service information identified in this AD, contact Hélicoptères Guimbal, Basile Ginel, 1070, rue du Lieutenant Parayre, Aéroport d'Aix-en-Provence, 13290 Les Milles, France; telephone 33-04-42-39-10-88; email basile.ginel@guimbal.com; web <https://www.guimbal.com>. You may view this referenced 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.

(3) The subject of this AD is addressed in European Union Aviation Safety Agency (EASA) AD No. 2020-0199, dated September 24, 2020. You may view the EASA AD on the internet at <https://www.regulations.gov> in Docket No. FAA-2020-1177.

(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) Guimbal Service Bulletin SB 20-011, Revision C, dated October 5, 2020.

(ii) Guimbal Service Bulletin SB 20-012, Revision B, dated October 5, 2020.

(3) For Guimbal service information identified in this AD, contact Hélicoptères Guimbal, Basile Ginel, 1070, rue du Lieutenant Parayre, Aéroport d'Aix-en-Provence, 13290 Les Milles, France; telephone 33-04-42-39-10-88; email basile.ginel@guimbal.com; web <https://www.guimbal.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, or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on January 19, 2021.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2021-02532 Filed 2-3-21; 2:00 pm]



2021-04-04 Airbus Helicopters: Amendment 39-21425; Docket No. FAA-2021-0027; Project Identifier MCAI-2021-00048-R.

(a) Effective Date

This airworthiness directive (AD) is effective March 1, 2021.

(b) Affected ADs

This AD replaces AD 2020-19-02, Amendment 39-21243 (85 FR 59416, September 22, 2020) (AD 2020-19-02).

(c) Applicability

This AD applies to Airbus Helicopters Model SA330J helicopters, certificated in any category, with a tail rotor (T/R) blade part number (P/N) 330A12-0005-(all dash numbers) (without a de-icing system) or 330A12-0006-(all dash numbers) (with a de-icing system), installed.

(d) Subject

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

(e) Unsafe Condition

This AD was prompted by two reports of cracked metal T/R blade skin. The FAA is issuing this AD to address fatigue cracking of a T/R blade. The unsafe condition, if not addressed, could result in failure of a T/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) For T/R blade P/N 330A12-0006-(all dash numbers) (with a de-icing system), within 15 hours time-in-service (TIS) after the effective date of this AD or within 15 hours TIS after last inspecting the T/R blade as required by paragraph (f)(1) of AD 2020-19-02, whichever occurs first, and thereafter at intervals not to exceed 15 hours TIS; and for T/R blade P/N 330A12-0005-(all dash numbers) (without a de-icing system), within 30 hours TIS after the effective date of this AD, or within 30 hours TIS after last inspecting the T/R blade as required by paragraph (f)(1) of AD 2020-19-02, whichever occurs first, and thereafter at intervals not to exceed 30 hours TIS:

(i) Inspect each T/R blade for debonding by following the visual and in-depth inspection procedures in the Accomplishment Instructions, paragraph 3.B.2., of Airbus Helicopters Emergency Alert Service Bulletin No. 05.101, Revision 0, dated March 21, 2016 (EASB 05.101). If there is

debonding within allowable limits, before further flight, repair or replace the T/R blade. If there is debonding that exceeds allowable limits, before further flight, replace the T/R blade.

(ii) Eddy current inspect each T/R blade for a crack by following the Accomplishment Instructions, paragraph 3.B.3.a. of EASB 05.101, then either paragraph 3.B.3.b.1. or 3.B.3.b.2. of EASB 05.101 depending on your crack detector, and paragraph 3.B.3.c. of EASB 05.101 except the “if there are no cracks” and “if there are one or several cracks” steps. Instead of the “if there are no cracks” and “if there are one or several cracks” steps, if there is a crack, before further flight, replace the T/R blade.

(2) As of the effective date of this AD, do not install a T/R blade identified in paragraph (c) of this AD on any helicopter unless the actions of paragraphs (g)(1)(i) and (ii) of this AD have been accomplished.

(h) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Strategic Policy Rotorcraft Section, 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)(1) of this AD. Information may be emailed to: 9-ASW-FTW-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.

(i) Related Information

(1) For more information about this AD, contact Matt Fuller, AD Program Manager, General Aviation & Rotorcraft Unit, Airworthiness Products Section, Operational Safety Branch, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-5110; email matthew.fuller@faa.gov.

(2) The subject of this AD is addressed in European Aviation Safety Agency (now European Union Aviation Safety Agency) (EASA) AD No. 2016-0059-E, dated March 22, 2016. You may view the EASA AD on the internet at <https://www.regulations.gov> in Docket No. FAA-2021-0027.

(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 October 7, 2020 (85 FR 59416, September 22, 2020).

(i) Airbus Helicopters Emergency Alert Service Bulletin No. 05.101, Revision 0, dated March 21, 2016.

(ii) [Reserved]

(4) 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>.

(5) 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.

(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 February 3, 2021.

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

[FR Doc. 2021-03056 Filed 2-10-21; 2:00 pm]



2021-04-06 Pilatus Aircraft Ltd.: Amendment 39-21427; Docket No. FAA-2021-0049; Project Identifier MCAI-2021-00033-A.

(a) Effective Date

This airworthiness directive (AD) is effective February 12, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Pilatus Aircraft Ltd. Model PC-7 airplanes, all serial numbers, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 2510, Flight Compartment and 2560, Emergency Equipment.

(e) Unsafe Condition

This AD was prompted by a report of a missing release bar retaining screw on a Harley-type buckle assembly installed on a harness shoulder strap. The FAA is issuing this AD to detect and address defective buckle assembly release bar screws. The unsafe condition, if not addressed, could result in loss of pilot restraint with consequent loss of airplane control or injuries to the crew.

(f) Actions and Compliance

(1) For airplanes with a Harley-type seat buckle assembly or buckle component listed in the Effectivity, paragraph 2.A., of IrvinGQ Limited Service Bulletin IGQSB033, Issue 2, dated December 2020 (IrvinGQ SB IGQSB033, Issue 2), before further flight after the effective date of this AD, inspect each seat buckle assembly on the front and rear seats (4 buckle assemblies total) for movement of the release bar retaining screws by following the Accomplishment Instructions, section 3.C.(1), of IrvinGQ SB IGQSB033, Issue 2. If there is any movement of a release bar retaining screw, before further flight, repair or replace the buckle assembly by following the Accomplishment Instructions, section 3.C.(2), of IrvinGQ SB IGQSB033 Issue 2.

(2) As of the effective date of this AD, do not install a Harley-type buckle assembly or buckle component listed in the Effectivity, paragraph 2.A., of IrvinGQ SB IGQSB033 Issue 2, on the seat harness of any airplane unless it has been inspected as required by paragraph (f)(1) of this AD.

(g) Special Flight Permit

A special flight permit may be issued with the following limitations: Operation in areas of known turbulence and aerobatic flight are prohibited.

(h) Alternative Methods of Compliance (AMOCs)

(1) The Manager, International Validation 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 Related Information.

(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

(1) Refer to Federal Office of Civil Aviation (FOCA) AD HB-2021-001-E, dated January 8, 2021, for more information. You may examine the FOCA AD at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0049.

(2) For more information about this AD, contact Doug Rudolph, Aviation Safety Engineer, General Aviation & Rotorcraft Section, International Validation Branch, FAA, 901 Locust, Room 301, Kansas City, Missouri 64106; phone: (816) 329-4059; fax: (816) 329-4090; email: doug.rudolph@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 the AD specifies otherwise.

(i) IrvinGQ Limited Service Bulletin IGQSB033, Issue 2, dated December 2020.

(ii) [Reserved]

(3) For IrvinGQ Limited service information identified in this AD, contact Pilatus Aircraft Ltd., CH-6371, Stans, Switzerland; phone: +41 848 24 7 365; email: techsupport.ch@pilatus-aircraft.com; website: <http://www.pilatus-aircraft.com/>.

(4) You may view this service information at 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 February 4, 2021.

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

[FR Doc. 2021-02793 Filed 2-10-21; 11:15 am]