



**FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES
SMALL AIRCRAFT, ROTORCRAFT, GLIDERS,
BALLOONS, & AIRSHIPS**

BIWEEKLY 2008-19

This electronic copy may be printed and used in lieu of the FAA biweekly paper copy.

U.S. Department of Transportation
Federal Aviation Administration
Regulatory Support Division
Delegation and Airworthiness Programs Branch, AIR-140
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SMALL AIRCRAFT, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

AD No.	Information	Manufacturer	Applicability
Info: E - Emergency; COR - Correction; S - Supersedes; R - Revision; - See AD for additional information;			
Biweekly 2008-01			
2007-26-08		REIMS AVIATION S.A	F406
2007-26-09		Hartzell Propeller Inc	Propeller: ()HC-()Y()-()
2007-26-10		Bell Helicopter Textron Canada	Rotorcraft: 430
2007-26-12		Robinson Helicopter Company	Rotorcraft: R22, R22 Alpha, R22 Beta, R22 Mariner and R44
2007-26-13		MT-Propeller Entwicklung GmbH	Propeller: MT, MTV-1, MTV-3, MTV-5, MTV-6, MTV-7, MTV-9, MTV-11, MTV-12, MTV-14, MTV-15, MTV-18, and MTV-21
2007-26-15		DG Flugzeugbau GmbH:	Glider: 500MB
Biweekly 2008-02			
2007-26-11		Intertechnique Zodiac Aircraft Systems	Appliance: Oxygen reserve cylinders
2008-02-03		Pilatus Aircraft Limited	PC-12, PC-12/45, and PC-12/47
Biweekly 2008-03			
2007-26-15	COR	DG Flugzeugbau GmbH	Glider: DG-500MB
2007-26-51	FR	Eurocopter Deutschland GmbH	Rotorcraft: EC135
2008-02-04	S 2007-13-11	Eclipse Aviation Corporation	EA 500
2008-02-06		GARMIN International	Appliance: GSM 85 servo gearbox
2008-02-09		PZL-Bielsko	Glider: SZD-50-3
2008-02-10		Eurocopter France	Rotorcraft: AS 355 F2 and AS 355 N
2008-02-11		Eurocopter France	Rotorcraft: AS332C, L, L1, and L2
2008-02-18		Cessna	172 and 182
2008-03-01	S 83-02-02	Viking air Limited	DHC-6-1, DHC-6-100, DHC-6-200, and DHC-6-300
2008-03-02		Cessna	172R and 172S
2008-03-06		Stemme GmbH & Co. KG	Glider: S10-VT
Biweekly 2008-04			
2008-03-07		Eurocopter	Rotorcraft: AS 332 L2
2008-03-10		Cessna	525, 525A, and 525B
2008-03-11	S 87-08-01	Alpha Aviation Design Limited	R2160
2008-03-14		Piaggio Aero Industries S.p.A.	P-180
2008-03-15		EADS SOCATA	TBM 700
2008-03-16		Cirrus Design Corporation	SR 20 and SR 22
Biweekly 2008-05			
2008-04-03		Eurocopter	Rotorcraft: AS-365N2 and N3, SA-365C, C1 and C2, SA-365N and N1
2008-04-05		Eurocopter Deutschland:	Rotorcraft: EC135
2008-04-09	S 2007-16-14	Taylorcraft	See AD

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Biweekly 2008-06			
2008-04-15		Cameron Balloon Ltd	Balloon: See AD
2008-05-09		Cessna	172R, 172S, 182T, T182T, 206H, T206H
2008-05-11	S 76-23-03R1	Alexandria Aircraft, LLC	17-30, 17-30A, 17-31, 17-31A, 17-31ATC
2008-05-14		Sierra Hotel Aero, Inc	Navion (L-17A), Navion A (L-17B), (L-17C), Navion B, Navion D, Navion E, Navion F, Navion G, and Navion H
2008-05-15		Eurocopter France	Rotorcraft: EC130 B4
2008-05-16		Eurocopter France	Rotorcraft: EC130 B4
2008-05-17	S 2006-08-12	MD Helicopters, Inc	Rotorcraft: 600N
2008-06-12		British Aerospace Regional Aircraft	HP.137 Jetstream Mk.1, Jetstream Series 200, Jetstream Series 3101, and Jetstream Model 3201
2008-06-15		Lindstrand Balloons Ltd.	Balloon: 42A, 56A, 60A, 69A, 77A, 90A, 105A, 120A, 150A, 180A, 210A, 240A, 260A, and 310A
2008-06-17		Pilatus Aircraft Ltd.	PC-12, PC-12/45, and PC-12/47
2008-06-51		Precision Airmotive LLC	Engine: IO, (L)IO, TIO, (L)TIO, AEIO, AIO, IGO, IVO, and HIO series reciprocating engines, Teledyne Continental Motors (TCM) TSIO-360-RB reciprocating engines, and Superior Air Parts, Inc. IO-360 series reciprocating engines with certain Precision Airmotive LLC RSA-5 and RSA-10 series fuel injection servos
2008-06-52		Thielert Aircraft Engines GmbH	Engine: TAE 125-02-99
Biweekly 2008-07			
2008-06-16		Pacific Aerospace Corporation, Ltd	750XL
2008-06-22		Eurocopter France	Rotorcraft: EC130 B4
2008-06-28		Avidyne Corporation	Appliance: Primary Flight Displays
2008-07-01	S 2006-02-08R1	Turbomeca	Engine: Arriel 1B
2008-07-02		MORAVAN a.s	Z-143L
2008-07-04		APEX Aircraft	CAP 10B
2008-07-05		APEX Aircraft	CAP 10B
2008-07-06		Pacific Aerospace Corporation, Ltd	FU24-954 and FU24A
2008-07-08		Pacific Aerospace Corporation, Ltd	750XL
Biweekly 2008-08			
2008-07-10		Hawker Beechcraft	B200, B200GT, B300, and B300C
2008-07-11		Pilatus Aircraft	PC-12, PC-12/45 and PC-12/47
Biweekly 2008-09			
2008-06-28 R1	R	Avidyne Corporation	Appliance: Primary Flight Displays
2008-06-52	FR	Thielert Aircraft Engines GmbH	Engine: TAE 125-02-99
2008-08-03		Pacific Aerospace Limited	750XL
2008-08-14	S 2008-06-51	Precision Airmotive LLC	Engine: IO, (L)IO, TIO, (L)TIO, AEIO, AIO, IGO, IVO, and HIO series reciprocating engines, Teledyne Continental Motors (TCM) TSIO-360-RB reciprocating engines, and Superior Air Parts, Inc. IO-360 series reciprocating engines with certain Precision Airmotive LLC RSA-5 and RSA-10 series fuel injection servos
2008-08-15		Dornier Luftfahrt GmbH	228-100, 228-101, 228-200, 228-201, 228-202, and 228-212
2008-08-16	S 2002-15-05	Turbomeca	Engine: Makila 1A and 1A1
2008-08-17		Kelly Aerospace Power Systems	Appliance: Kelly Aerospace Power Systems (KAPS) turbochargers
2008-09-01		Alpha Aviation Design Limited	R2160
2008-09-02	S 2003-04-02	APEX Aircraft	CAP 10B

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Biweekly 2008-10

2007-26-52	FR	Agusta S.p.A	A109C, A109E, and A109K2
2008-08-03	COR	Pacific Aerospace Limited	750XL
2008-08-11		MD Helicopters, Inc.	MD900
2008-09-03		Agusta S.p.A	A109A, A109A II, and A109C
2008-09-08	S 2008-02-09	PZL-Bielsko	Glider: SZD-50-3
2008-09-09		DORNIER LUFTFAHRT GmbH	228-200, 228-201, 228-202, and 228-212
2008-09-10	S 2003-06-01	Air Tractor, Inc	AT-300, AT-301, AT-302, and AT-400A, AT-400
2008-09-18		Taylorcraft, Inc.	See AD
2008-09-19		De Havilland Support Limited	Beagle B.121
2008-10-01		Eurocopter France	Rotorcraft: EC120B
2008-10-02		Cessna Aircraft Company	172S, 182T, T182T, 208, 208B
2008-10-03		Bell Helicopter Textron	Rotorcraft: 204B, 205A, 205A-1, 212, 412, 412CF, and 412EP, 205B, 210
2008-10-04		Sikorsky Aircraft Corporation	Rotorcraft: S-61A, S-61D, S-61E, and S-61
2008-10-12		Air Tractor, Inc.	AT-400, AT-400A, AT-402, AT-402A, and AT-402B, AT-502, AT-502A, AT-502B, and AT-503A, AT-602, AT-802, and AT-802A
2008-10-13		EADS SOCATA	TBM 700

Biweekly 2008-11

No Small Aircraft ADs were issued during Biweekly 2008-11.

Biweekly 2008-12

2008-11-17	S 2002-25-09	Air Tractor, Inc.	AT-250, AT-300, AT-301, AT-302, AT-400, AT-400A, AT-401, AT-401A, AT-402, AT-402A, and AT-402B, AT-501, AT-502, AT-502A, and AT-502B, AT-602, AT-802A
2008-11-18		Cirrus Design Corporation	SR 20
2008-11-20	S 2008-03-06	Stemme GmbH & Co. KG	S10-VT

Biweekly 2008-13

2006-16-18 R1	2006-16-18	Sandal Avionics	Appliance: ST3400 Terrain Awareness Warning System
2008-11-11	S 92-24-02	Viking Air Limited	DHC-2 Mk. I, DHC-2 Mk. II, and DHC-2 Mk. III
2008-12-01		Cessna	525
2008-12-02		British Aerospace Regional Aircraft	HP.137 Jetstream Mk.1, Jetstream Series 200 and 3101, and Jetstream Model 3201
2008-12-06		Moravan a.s.	Z-143L
2008-12-11		Agusta S.p.A	Rotorcraft: A109E, A109S, and A119
2008-12-12	S 2004-21-06	Viking Air Limited	DHC-2 Mk I, DHC-2 Mk II, DHC-3
2008-12-13		GENERAL AVIA Costruzioni Aeronatiche	F22B, F22C, and F22R
2008-12-16		M7 Aerospace LP	SA226-AT, SA226-T, SA226-TC, SA227-AC, SA227-AT, SA227-CC, SA227-DC
2008-13-05		Lindstrand Balloons Ltd.	Balloon: 42A, 56A, 60A, 69A, 77A, 90A, 105A, 120A, 150A, 180A, 210A, 240A, 260A, and 310A
2008-13-51	E	Eclipse Aviation Corporation	EA500

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Biweekly 2008-14

2008-11-10		Viking Air Limited	DHC-6-1, DHC-6-100, DHC-6-200, and DHC-6-300
2008-13-06		Cessna Aircraft Company	208, 208B
2008-13-11		Viking Air Limited	DHC-6-1, DHC-6-100, DHC-6-200, and DHC-6-300
2008-13-16		Pratt & Whitney Canada Corp	Engine: PW305A and PW305B
2008-13-17		Hawker Beechcraft	See AD.
2008-13-18		Pilatus Aircraft Ltd	PC-6, PC-6-H1, PC-6-H2, 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, and PC-6/C1-H2
2008-13-27		Turbomeca S.A	Engine: Arrius 2F turboshaft
2008-13-28		Hartzell Propeller Inc	Propeller: ()HC-() (2,3)Y(K,R)-2 two- and three-bladed
2008-14-04		Eurocopter France	Rotorcraft: AS 355 N

Biweekly 2008-15

2008-13-32		Apex Aircraft	CAP 10B
2008-14-01		Bell Helicopter Textron Canada	Rotorcraft: 222, 222B, 222U, 230, 430
2008-14-02		Agusta S.p.A.	Rotorcraft: AB 139 and AW 139
2008-14-03		Bell Helicopter Textron Canada	Rotorcraft: 206A, 206B, 206L, 206L-1, 206L-3, and 206L-4
2008-14-05		Agusta	A109E and A119
2008-14-06		Bell Helicopter Textron Canada	206L, 206L-1, 206L-3, and 206L-4
2008-14-07	S 2002-26-01	Lycoming Engines	See AD
2008-14-12		Pacific Aerospace	FU-24
2008-14-13		Cirrus Design Corp.	SR20 and SR22

Biweekly 2008-16

2008-15-02		Eurocopter Deutschland	Rotorcraft: MBB-BK 117C-2
2008-15-03		MD Helicopters	Rotorcraft: 369A, OH-6A, 369D, 369E, 369F, 369FF, 369H, 369HE, 369HM, and 369HS
2008-15-04		Bell Helicopter Textron Canada	Rotorcraft: 430
2008-15-06		Cessna	175, 175A
2008-16-02		Hawker Beechcraft Corp.	390
2008-16-03		Pilatus	PC-6, PC-6-H1, PC-6-H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1 +

Biweekly 2008-17

2008-02-04	COR	Eclipse Aviation Corporation	EA500
2008-16-04		Bell Helicopter Textron Canada	Rotorcraft: 222 and 222U
2008-16-15	S 2008-13-15	Eclipse Aviation Corporation	EA500
2008-16-16		Bell Helicopter Textron Canada	Rotorcraft: 230
2008-16-17		PZL Świdnik S. A	Rotorcraft: W-3A
2008-16-19		Pilatus Aircraft Ltd.	PC-6, PC-6-H1, PC-6-H2, 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, and PC-6/C1-H2
2008-16-20		Diamond Aircraft Industries GmbH	DA 42
2008-17-51	E	MD HELICOPTERS, INC	Rotorcraft: MD900

Biweekly 2008-18

2008-17-07		Apex Aircraft	CAP 10 B
2008-17-08		DG Flugzeugbau GmbH	DG-500MB
2008-17-09	S 2008-10-13	EADS Socata	TBM 700
2008-18-51	E	MD HELICOPTERS, INC.	Rotorcraft: 500N, 600N, and MD900
2008-18-52	E, S 2008-18-51	MD HELICOPTERS, INC.	Rotorcraft: 500N, 600N, and MD900

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Biweekly 2008-19

2008-19-01		Harco Labs, Inc.	Appliance: Pitot/angle of attack (AOA)
2008-19-02	S	Bell Helicopter Textron	Rotorcraft: 222, 222B, 222U, 230, and 430



FAA
Aircraft Certification Service

AIRWORTHINESS DIRECTIVE

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

2008-19-01 Harco Labs, Inc.: Amendment 39-15668; Docket No. FAA-2008-0955; Directorate Identifier 2008-CE-040-AD.

Effective Date

- (a) This AD becomes effective on September 29, 2008.

Affected ADs

- (b) None.

Applicability

(c) This AD applies to Harco Labs, Inc. pitot/angle of attack (AOA) probe part numbers (P/Ns) 100435-39, 100435-39-001, 100435-40, and 100435-40-001; serial numbers 740000 through 799999; that are installed on, but not limited to Eclipse Aviation Company Model EA500 airplanes, certificated in any category, with:

- (1) A serial number in the range of 000001 through 000189 where the affected probe was installed at manufacture; or
- (2) Any serial number where an affected probe was installed in the field.

Unsafe Condition

(d) This AD is the result of several reports of airspeed disagree caution indication due to blockage within the pitot/AOA system from freezing condensation. We are issuing this AD to detect and correct improperly performing pitot/AOA probe heaters, which could result in blockage within the pitot/AOA system from condensation freezing with consequent incorrect indication of impact air pressure (airspeed/AOA). This blockage could lead to the stall warning becoming unreliable and the stick pusher, overspeed warning, autopilot, and yaw damper to malfunction.

Compliance

- (e) To address this problem, you must do the following, unless already done:

Actions	Compliance	Procedures
<p>(1) Do a logbook check of the maintenance records to determine if any pitot/AOA probe (P/Ns 100435-39, 100435-39-001, 100435-40, or 100435-40-001) with any affected serial number is installed. If, as a result of this check, you positively identify that all (P/Ns 100435-39, 100435-39-001, 100435-40, or 100435-40-001) pitot/AOA probes installed do not have a serial number affected by this AD, then no further action is required.</p>	<p>Before further flight after September 29, 2008 (the effective date of this AD).</p>	<p>The owner/operator holding at least a private pilot certificate as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7) may do the logbook check. Make an entry into the aircraft logbook showing compliance with this portion of the AD in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).</p>
<p>(2) If you find, as a result of the check required by paragraph (e)(1) of this AD any pitot/AOA probe with an affected serial number is installed or you cannot positively identify the serial number of any pitot/AOA probe installed, incorporate the following text into the Limitations section of the airplane flight manual (AFM):</p> <p>(i) “Operate Only under Day Visual Flight Rules (VFR)”; and</p> <p>(ii) “File Only a VFR Flight Plan.”</p>	<p>Before further flight after September 29, 2008 (the effective date of this AD).</p>	<p>The owner/operator holding at least a private pilot certificate as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7) may insert the information into the AFM as specified in paragraph (e)(2) of this AD. You may insert a copy of this AD into the Limitations section of the AFM to comply with this action. Make an entry into the aircraft logbook showing compliance with this portion of the AD in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).</p>

<p>(3) If you find any pitot/AOA probe with an affected serial number is installed or you cannot positively identify the serial number of any pitot/AOA probe installed, test the pitot/AOA probe heater performance. Completion of the test with all pitot/AOA probes passing terminates the AFM operational limitations required in paragraph (e)(2) of this AD.</p>	<p>Within the next 90 days after September 29, 2008 (the effective date of this AD).</p>	<p>(i) For all probes installed in Eclipse Model EA500 airplanes, use Eclipse Aviation Alert Service Bulletin SB 500-34-019, Rev C, dated August 20, 2008; and</p> <p>(ii) For all probes, use Harco Labs, Inc. Service Bulletin SB-34-10-10-001, Revision F, dated August 19, 2008, and Harco Pitot AOA Probe Internal Tubing Heater Verification Test Procedure No. P1149, Rev: E, also referenced in 8. Appendix A of Harco Labs, Inc. Service Bulletin SB-34-10-10-001 Revision F, dated August 19, 2008.</p>
<p>(4) If any pitot/AOA probe fails the test procedure specified in paragraph (e)(3) of this AD, replace it with a pitot/AOA probe under the following situations:</p> <p>(i) the replacement pitot/AOA probe serial number is not affected by this AD;</p> <p>(ii) the replacement pitot/AOA probe successfully passes the test procedure in paragraph (e)(3) of this AD; or</p> <p>(iii) the replacement pitot/AOA probe fails the test or is not tested and you:</p> <p>(A) comply with paragraph (e)(2) of this AD; and</p> <p>(B) within the next 90 days after September 29, 2008, install a pitot/AOA probe that meets the criteria of paragraph (e)(4)(i) or (e)(4)(ii) of this AD.</p>	<p>Within the next 90 days after September 29, 2008 (the effective date of this AD).</p>	<p>Replace following Eclipse Aviation Alert Service Bulletin SB 500-34-019, Rev C, dated August 20, 2008, or following an FAA-approved repair procedure (e.g. the FAA-approved aircraft maintenance manual), as applicable.</p>
<p>(5) Do not install any P/N 100435-39, 100435-39-001, 100435-40, or 100435-40-001 pitot/AOA probe unless the criteria of paragraph (e)(4)(i), (e)(4)(ii), or (e)(4)(iii) of this AD are met.</p>	<p>As of September 29, 2008 (the effective date of this AD).</p>	<p>Not applicable.</p>

(6) Remove the operating limitations specified in paragraph (e)(2) of this AD from the Limitations section of the AFM.	Before further flight after completion of the test in paragraph (e)(3) of this AD with all pitot/AOA probes passing or replacement of all failed pitot/AOA probes with: (i) pitot/AOA probes having serial numbers not affected by this AD; or (ii) pitot/AOA probes successfully passing the test following paragraph (e)(3) of this AD.	Not applicable.
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(f) If you are required to accomplish paragraph (e)(3) of this AD, previously tested the pitot/AOA probe using Harco Labs, Inc. Service Bulletin SB-34-10-10-001, Revision E or earlier, and have a copy of the Pitot AOA Probe Internal Tubing Heater Verification Test Procedure Data Sheet for the probe being tested, you may use that data to accomplish procedure 3.1 Lines 1 through 14 or procedure 3.2 Lines 1 through 14, of Harco Pitot AOA Probe Internal Tubing Heater Verification Test Procedure No. P1149, Rev: E, also referenced in 8. Appendix A of Harco Labs, Inc. Service Bulletin SB-34-10-10-001 Revision F, dated August 20, 2008.

Special Flight Permit

(g) Under 14 CFR 39.23, we are limiting the special flight permits for this AD by requiring you to follow the limitations in paragraph (e)(2) of this AD ("Operate Only under Day Visual Flight Rules (VFR)" and "File Only a VFR Flight Plan").

Alternative Methods of Compliance (AMOCs)

(h) The Manager, Boston Aircraft Certification Office, 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: Solomon Hecht, Aerospace Engineer, 12 New England Executive Park, Burlington, Massachusetts 01803; telephone: (781) 238-7159; fax: (781) 238-7170. 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.

Material Incorporated by Reference

(i) You must use Harco Labs, Inc. Service Bulletin SB-34-10-10-001, Revision F, dated August 19, 2008; Harco Pitot AOA Probe Internal Tubing Heater Verification Test Procedure No. P1149 Rev: E also referenced in 8. Appendix A of Harco Labs, Inc. Service Bulletin SB-34-10-10-001, Revision F, dated August 19, 2008; and Eclipse Aviation Alert Service Bulletin SB 500-34-019, Rev C, dated August 20, 2008, to do the actions required by this AD, unless the AD specifies otherwise.

(1) The Director of the Federal Register approved the incorporation by reference of this service information under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) For service information identified in this AD, contact Harco Labs, Inc. 186 Cedar Street, Branford, Connecticut 06405; telephone: (203) 483-3700; fax: (203) 483-3701 and Eclipse Aviation, 2503 Clark Carr Loop SE, Albuquerque, New Mexico 87106; telephone: (505) 245-7555; fax: (505) 241-8802.

(3) You may review copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Kansas City, Missouri 64106; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Issued in Kansas City, Missouri, on August 29, 2008.

Brian A. Yanez,

Acting Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. E8-20702 Filed 9-8-08; 8:45 am]



2008-19-02 Bell Helicopter Textron Canada: Amendment 39-15669, Docket No. FAA-2008-0449; Directorate Identifier 2007-SW-10-AD. Supersedes AD 2001-01-51, Amendment 39-12105, Docket No. 2000-SW-54-AD.

Applicability: Model 222, 222B, 222U, 230, and 430 helicopters, with a main rotor hydraulic actuator support (support), part number (P/N) 222-040-125-001, installed, certificated in any category.

Compliance: Required as indicated, unless accomplished previously.

To prevent failure of the support and subsequent loss of control of the helicopter, accomplish the following:

(a) Within 25 hours time-in-service (TIS) and thereafter at intervals not to exceed 600 hours TIS or 12 months, whichever occurs first, accomplish the following:

(1) Visually inspect the support for the presence of all dowel pins and for sealant between the support and transmission. If any pin is missing, or if no sealant is visible, before further flight, remove the support and further inspect the support, transmission case, studs, and dowel pins in accordance with the Accomplishment Instructions, paragraphs 5 through 7, of the applicable Bell Helicopter Textron Alert Service Bulletin Nos. 222-00-86, 222U-00-57, 230-00-18, or 430-00-17, all dated May 19, 2000 (ASB's). Repair or replace any unairworthy support, transmission case, stud, or dowel pin before further flight.

(2) Verify the torque of the support attaching nuts (nuts). Upper nuts must not rotate at a torque less than 40 in-lbs. Lower nuts must not rotate at a torque less than 90 in-lbs.

(i) If two or more upper nuts rotate at a torque less than 40 in-lbs. or two or more lower nuts rotate at a torque less than 90 in-lbs., before further flight, remove the support and further inspect the support, transmission case, studs, and dowel pins in accordance with the Accomplishment Instructions, paragraph 5 through 7, of the applicable ASB's. Repair or replace any unairworthy support, transmission case, stud, or dowel pin before further flight.

(ii) If less than two upper nuts rotate at a torque less than 40 in-lbs. or less than two lower nuts rotate at a torque less than 90 in-lbs., before further flight, retorque the upper nut to 50 to 70 in-lbs. plus tare and the lower nut to 100 to 140 in-lbs. plus tare.

(b) At not less than 20 hours TIS nor more than 30 hours TIS after reinstalling a support for any reason, verify the torque of the nuts in accordance with paragraph (a)(2) of this AD.

(c) To request a different method of compliance or a different compliance time for this AD, follow the procedures in 14 CFR 39.19. Contact the Manager, Rotorcraft Standards Staff, FAA, ATTN: Tyrone Millard, telephone (817) 222-5439, fax (817) 222-5961, for information about previously approved alternative methods of compliance.

(d) You must use the specified portions of Bell Helicopter Textron Alert Service Bulletin Nos. 222-00-86, 222U-00-57, 230-00-18, or 430-00-17, all dated May 19, 2000, to do the required inspections.

(1) The Director of the Federal Register previously approved the incorporation by reference of these service bulletins on March 2, 2001 (66 FR 10361, February 15, 2001).

(2) For service information identified in this AD, contact Bell Helicopter Textron Canada, 12,800 Rue de l'Avenir, Mirabel, Quebec J7J1R4, telephone (450) 437-2862 or (800) 363-8023, fax (450) 433-0272.

(3) You may review copies at the FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

(e) This amendment becomes effective on October 16, 2008.

Note: The subject of this AD is addressed in Transport Canada (Canada) AD CF-2000-29, dated September 6, 2000.

Issued in Fort Worth, Texas, on August 13, 2008.

Mark R. Schilling,
Acting Manager, Rotorcraft Directorate, Aircraft Certification Service.
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