

**FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES**

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

BIWEEKLY 2016-23

10/31/2016 - 11/13/2016



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; S – Supersedes; R - Replaces

Biweekly 2016-01

2015-26-04	S 2002-13-11	Airbus Helicopters	EC120B helicopters
2015-26-08		Piper Aircraft, Inc.	PA-44-180, PA-44-180T airplanes
2015-26-10		Sikorsky Aircraft Corporation	S-76A, S-76B, and S-76C helicopters

Biweekly 2016-02

2015-12-09 R1	R 2015-12-09	Airbus Helicopters Deutschland GmbH	EC135P1, EC135T1, EC135P2, EC135T2, EC135P2+, EC135T2+, and MBB-BK 117 C-2
2016-01-01		Piper Aircraft, Inc.	PA-46-500TP
2016-01-06		Agusta S.p.A.	AB139 and AW139
2016-01-14		Airbus Helicopters Deutschland GmbH	MBB-BK 117 A-1, A-3, A-4, B-1, B-2, C-1, and C-2
2016-01-15		Agusta S.p.A.	AB139 and AW139
2016-01-19		MD Helicopters Inc.	500N and 600N

Biweekly 2016-03

2015-22-51		Agusta S.p.A.	A109A and A109AII helicopters
2016-02-06		Bell Helicopter Textron Canada Limited	429 helicopters

Biweekly 2016-04

2016-03-02		Turbomeca S.A.	ARRIEL 2C, 2C1, 2C2, 2S1, and 2S2 turboshaft engines
2016-03-05	S 2014-13-01	Airbus Helicopters Deutschland GmbH	MBB-BK 117 C-2 and MBB-BK 117 D-2 helicopters
2016-04-05	S 2014-03-18	B-N Group Ltd.	BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-26, BN-2B-27, BN2A MK. III, BN2A MK. III-2, and BN2A MK. III-3 airplanes

Biweekly 2016-05

2016-04-04		M7 Aerospace LLC	SA26-AT, SA226-T(B), SA226-AT, SA226-T, SA226-TC, SA227-AC (C-26A), SA227-AT, SA227-BC (C-26A), SA227-CC, SA227-DC (C-26B), and SA227-TT
2016-04-14		Turbomeca S.A.	Arriel IE2
2016-04-15		MD Helicopters Inc.	369A, 369D, 369E, 369FF, 369HE, 369HM, 369HS, 500N, and 600N
2016-05-06	S 2014-07-52	Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP

Biweekly 2016-06

2016-04-12		Turbomeca S.A.	Arriel 2B, 2B1, 2C, 2C1, 2C2, 2D, 2E, 2S1, and 2S2 turboshaft engines
2016-05-01	R 96-12-12	Piper Aircraft, Inc.	PA-31, PA-31-300, PA-31-325 and PA-31-350
2016-05-08	R 2006-23-17	Turbomeca S.A.	Turmo IV A and IV C turboshaft engines.
2016-05-09		MD Helicopters, Inc.	369A (Army OH-6A), 369H, 369HE, 369HM, 369HS, and 369D; 369E, 369F and 369FF, 500N
2016-05-10		Airbus Helicopters	AS 365 N3, EC 155B, and EC155B1
2016-05-11		Sikorsky Aircraft Corporation	S-92A
2016-05-13		Pratt & Whitney Canada Corp.	PT6A-60AG, BS919 and BS1048; PT6A-65AG, BS708, BS903, BS1101, and BS1102; PT6A-67AF; and PT6A-67AG
2016-06-01	S 2007-06-06	B-N Group Ltd.	BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-26, BN-2B-27, BN2A MK. III, BN2A MK. III-2, BN2A MK. III-3 BN2A, BN2B, and BN2A MKIII, BN2A, BN2B, and BN2A MKIII

Biweekly 2016-07

2016-06-09		Turbomeca S.A.	Makila 2A and 2A1
2016-07-01	S 2014-07-04R1	Sikorsky Aircraft Corporation	S-92A
2016-07-02		Honeywell International Inc.	TFE731-4, -4R, -5AR, -5BR, and -5R
2016-07-11		Weatherly Aircraft Company	201, 201A, 201B, 201C, 620, 620A, 620B, 620B-TG, and 620TP

SMALL AIRCRAFT, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

AD No.	Information	Manufacturer	Applicability
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Information Key: E - Emergency; COR - Correction; S – Supersedes; R - Replaces

Biweekly 2016-08

2016-07-13		GE Aviation Czech s.r.o	M601E-11
2016-07-19		Technify Motors GmbH	TAE 125-02-99 and TAE 125-02-114
2016-07-21	R 2015-20-13	Piper Aircraft, Inc.	PA-28-161, PA-28-181, and PA-28R-201
2016-07-24		Textron Aviation, Inc.	310 through 310R, E310H, E310J, T310P through T310R, 310J-1, 320 through 320F, 320-1, 335, 340, 340A, 401 through 401B, 402 through 402C, 411, 411A, 414, 414A, and 421 through 421C
2016-07-26	R 2010-23-02	Airbus Helicopters	SA-365N, SA-365N1, AS-365N2, and AS 365 N3
2016-07-27		Airbus Helicopters	SA341G and SA342J
2016-07-29		Airbus Helicopters	EC225LP, AS332C, AS332L, AS332L1, and AS332L2
2016-08-08	S 92-06-10	SOCATA	MS 880B, MS 885, MS 892A-150, MS 892E-150, MS 893A, MS 893E, MS 894A, MS 894E, Rallye 100S, Rallye 150ST, Rallye 150T, Rallye 235E, and Rallye 235C

Biweekly 2016-09

2016-08-16		Turbomeca S.A.	Arriel 2E turboshaft engines
2016-08-17	2010-19-51	Bell Helicopter Textron Canada	222, 222B, 222U, 230, and 430 helicopters
2016-08-21		Kaman Aerospace Corporation	K-1200 helicopters

Biweekly 2016-10

2015-09-04 R1	R 2015-09-04	DG Flugzeugbau GmbH	DG-1000T gliders
2016-06-06		Quest Aircraft Design, LLC	KODIAK 100 airplanes
2016-08-18		Piper Aircraft, Inc	PA-31-350 airplanes
2016-08-19		Mitsubishi Heavy Industries, Ltd	MU-2B-30, MU-2B-35, and MU-2B-36 , MU-2B-36A and MU-2B-60 airplanes,
2016-08-20	S 2014-12-51	Airbus Helicopters (Previously Eurocopter France)	EC130B4 and EC130T2
2016-09-02		Turbomeca S.A.	Astazou XIV B and XIV H turboshaft engines
2016-09-09	S 2013-08-17	Airbus Helicopters (Previously Eurocopter France)	SA-365N, SA-365N1, AS-365N2, AS 365 N3, and SA-366G1 helicopters
2016-10-01		M7 Aerospace LLC	SA226-AT, SA226-T, SA226-T (B), SA226-TC, SA227-AC (C-26A), SA227-AT, SA227-BC (C-26A), SA227-CC, SA227-DC (C-26B), and SA227-TT airplanes
2016-10-03		Viking Air Limited	DHC-3 airplanes

Biweekly 2016-11

2016-10-03	COR.	Viking Air Limited	DHC-3 airplanes
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Biweekly 2016-12

2016-11-09		Turbomeca S.A.	Arriel 1D and 1D1
2016-11-10	S 2000-20-11	BLANIK LIMITED	L-13 Blanik and L-13 AC Blanik
2016-11-11		EVEKTOR, spol. s.r.o.	L 13 SEH VIVAT and L 13 SDM VIVAT
2016-11-12	S 2000-20-12	EVEKTOR, spol. s.r.o.	L 13 SEH VIVAT and L 13 SDM VIVAT
2016-11-13	S 99-19-33	BLANIK LIMITED	L-13 Blanik and L-13 AC Blanik
2016-11-20		B/E Aerospace	Protective Breathing Equipment (PBE)
2016-11-21		Airbus Helicopters Deutschland GmbH	EC135P1, EC135P2, EC135P2+, EC135T1, EC135T2, and EC135T2+
2016-12-01		Pilatus Aircraft LTD.	PC-12, PC-12/45, PC-12/47, and PC-12/47E
2016-12-02		Various Aircraft	See AD
2016-12-51	E	Airbus Helicopters	AS332L2 and Model EC225LP

Biweekly 2016-13

2016-12-06		Turbomeca S.A.	MAKILA 2A and MAKILA 2A1 turboshaft engines
2016-12-07	S 2010-11-10	Turbomeca S.A.	Astazou XIV B and XIV H turboshaft engines
2016-12-08		GROB Aircraft AG	G115EG airplanes
2016-12-13	S 2000-05-17 S 2001-04-12	Airbus Helicopters	EC120B helicopters
2016-13-04		BRP-Powertrain GmbH & Co KG	Rotax model 912 F2, 912 F3, 912 F4, 912 S2, 912 S3, 912 S4, 914 F2, 914 F3, and 914 F4 reciprocating engines

SMALL AIRCRAFT, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

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Biweekly 2016-14

2016-12-51		Airbus Helicopters	AS332L2 and EC225LP
2016-13-07		Airbus Helicopters	AS 365 N3
2016-14-05	R 2008-15-06	Textron Aviation Inc	175, 175A
2016-14-06	R 2006-13-05	Pacific Aerospace Limited	750XL

Biweekly 2016-15

2016-15-02		M7 Aerospace LLC	SA26-AT, SA26-T, SA226-AT, SA226-T, SA226-T(B), SA226-TC, SA227-AC (C-26A), SA227-AT, SA227-BC (C-26A), SA227-CC, SA227-DC (C-26B), and SA227-TT
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Biweekly 2016-16

2016-16-03		Pacific Aerospace Limited	FU24-954 and FU24A-954
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Biweekly 2016-17

2016-16-12		Continental Motors, Inc.	-520 and -550 reciprocating
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Biweekly 2016-18

2016-17-04		All Hot Air Balloons	with BALÓNY KUBÍČEK spol. s r.o. Model Kubiček burners.
2016-17-05	S 2009-13-04	RUAG Aerospace Services GmbH	228-100, 228-101, 228-200, 228-201, 228-202, and 228-212
2016-17-07		PILATUS Aircraft Ltd	PC-7
2016-17-08	R 2016-07-24	Textron Aviation, Inc.	310 through 310R, E310H, E310J, T310P through T310R, 310J-1, 320 through 320F, 320-1, 335, 340, 340A, 401 through 401B, 402 through 402C, 411, 411A, 414, 414A, and 421 through 421C
2016-18-05		PILATUS AIRCRAFT LTD	PC-12, PC-12/45, PC-12/47, and PC-12/47E

Biweekly 2016-19

2016-17-04 R1	R 2016-17-04	ALL HOT AIR BALLOONS	With a BALÓNY KUBÍČEK spol. s r.o. Model Kubiček burner; and fuel hose(s) made of "EGEFLEX" material.
2016-18-18		Agusta S.p.A.	A109A, A109A II, A109C, A109E, A109K2, A109S, and AW109SP

Biweekly 2016-20

2016-18-17		Honeywell International Inc.	TPE331-3U, -3UW, -5, -5A, -5AB, -5B, -6, -6A, -8, -10, -10AV, -10GP, -10GT, -10N, -10P, -10R, -10T, -10U, -10UA, -10UF, -10UG, -10UGR, -10UR, and -11U; and TSE331-3U
2016-19-08		Viking Air Limited	DHC-2 Mk. I, DHC-2 Mk. II, and DHC-2 Mk. III
2016-19-15		REIMS AVIATION S.A.	F406
2016-20-01		Bell Helicopter Textron Canada Limited	427 and 429

Biweekly 2016-21

2016-20-04		Airbus Helicopters	SA 341G and SA 342J
2016-21-01		Bell Helicopter Textron	430
2016-21-04		Continental Motors, Inc.	TSIO-550-K, TSIOF-550-K, TSIO-550-C, TSIOF-550-D, and TSIO-550-N reciprocating engines

Biweekly 2016-22

2016-21-02		Sikorsky Aircraft Corporation	S-92A
2016-21-03		Airbus Helicopters	MBB-BK 117 C-2
2016-21-07	R 2015-12-04	Honeywell International Inc.	TPE331-1, -2, -2UA, -3U, -3UW, -5, -5A, -5AB, -5B, -6, -6A, -10, -10AV, -10GP, -10GT, -10P, -10R, -10T, -10U, -10UA, -10UF, -10UG, -10UGR, -10UR, -11U, -12JR, -12UA, -12UAR, and -12UHR
2016-22-01		Schempp-Hirth Flugzeugbau GmbH	Discus-2a, Discus-2b, Discus-2c, Discus 2cT, Ventus-2a, Ventus-2b
2016-22-02		Embraer S.A.	EMB-500, EMB-505
2016-22-06		Diamond Aircraft Industries GmbH	DA 40 NG, DA 42 NG, DA 42 M-NG
2016-22-07	S 75-26-05	Bell Helicopter Textron	204B, 205A, and 205A-1

SMALL AIRCRAFT, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

AD No.	Information	Manufacturer	Applicability
Information Key: E - Emergency; COR - Correction; S – Supersedes; R - Replaces			
2016-22-08		Airbus Helicopters Deutschland GmbH Helicopters	MBB-BK 117 C-2
Biweekly 2016-23			
2016-22-12		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
2016-23-03		Diamond Aircraft Industries GmbH	DA 40 NG



2016-22-12 Pilatus Aircraft Ltd.: Amendment 39-18701; Docket No. FAA-2016-9356; Directorate Identifier 2016-CE-033-AD.

(a) Effective Date

This airworthiness directive (AD) becomes effective November 4, 2016.

(b) Affected ADs

None.

(c) Applicability

(1) This AD applies to PILATUS Models 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 airplanes, all manufacturer serial numbers, including MSN 2001 through 2092 (see Note 1 of paragraph c), certificated in any category.

Note 1 of paragraph (c): For MSN 2001-2092, these airplanes are also identified as Fairchild Republic Company PC-6 airplanes, Fairchild Industries PC-6 airplanes, Fairchild Heli Porter PC-6 airplanes, or Fairchild-Hiller Corporation PC-6 airplanes.

(2) For the purpose of this AD, an "affected part" is any stabilizer-trim attachment component and the related parts and structure, as identified in Pilatus Aircraft Ltd. (Pilatus) PC-6 Service Bulletin (SB) No. 53-003, Revision 1, dated October 13, 2016.

(d) Subject

Air Transport Association of America (ATA) Code 53: Fuselage.

(e) Reason

This AD results from mandatory continuing airworthiness information (MCAI) issued by the aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as wear and cracks on the stabilizer-trim attachment and structural components. This condition, if not corrected, could cause failure of the stabilizer control system fitting or connecting piece, which could result in disconnection of the horizontal stabilizer rear attachment with consequent loss of control.

(f) Actions and Compliance

Unless already done, do the following actions.

(1) For MSN 337 through 1005 and 2001 through 2092: Before further flight after November 4, 2016 (the effective date of this AD), do a visual inspection of the affected stabilizer-trim attachment

and structural components following the Accomplishment Instructions in Pilatus PC-6 SB No. 53-003, Revision 1, dated October 13, 2016.

(2) For MSN 337 through 1005 and 2001 through 2092: Within the next 100 hours time-in-service after November 4, 2016 (the effective date of this AD), do a visual inspection and dye-penetrant or eddy current inspection of the affected stabilizer-trim attachment and structural components following the Accomplishment Instructions in Pilatus PC-6 SB No. 53-003, Revision 1, dated October 13, 2016.

(3) For MSN 337 through 1005 and 2001 through 2092: If any crack is found during any inspection required by paragraphs (f)(1) and (2) of this AD, before further flight, replace the affected part with a serviceable part following the Accomplishment Instructions in Pilatus PC-6 SB No. 53-003, Revision 1, dated October 13, 2016. For the purpose of this AD, a "serviceable part" is an affected part that is new, or has passed an inspection before installation following the Accomplishment Instructions in Pilatus PC-6 SB No. 53-003, Revision 1, dated October 13, 2016.

(4) For MSN 337 through 1005 and 2001 through 2092: Within 10 days after the inspections required by paragraphs (f)(1) and (2) of this AD or within the next 10 days after the effective date of this AD, whichever occurs later, report the results to Pilatus at the address in paragraph (j)(3) of this AD using the Report Form in Pilatus PC-6 SB No. 53-003, Revision 1, dated October 13, 2016.

(5) For all affected MSNs: As of November 4, 2016 (the effective date of this AD), an affected part listed in Pilatus PC-6 SB No. 53-003, Revision 1, dated October 13, 2016, may be installed provided it is a serviceable part. For the purpose of this AD, a "serviceable part" is an affected part that is new, or has passed an inspection before installation following the Accomplishment Instructions in Pilatus PC-6 SB No. 53-003, Revision 1, dated October 13, 2016.

(g) Credit for Actions Done Following Previous Service Information

This AD allows credit for the visual inspection required in paragraph (f)(1) of this AD if done before November 4, 2016 (the effective date of this AD), following Pilatus PC-6 SB No. 53-003, dated October 4, 2016. The dye-penetrant or eddy current inspection must still be done following Pilatus PC-6 SB No. 53-003, Revision 1, dated October 13, 2016.

(h) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, Standards 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: Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; fax: (816) 329-4090; email: doug.rudolph@faa.gov. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(2) Airworthy Product: For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(3) Reporting Requirements: For any reporting requirement in this AD, 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 current 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 5 minutes per response, including the time for reviewing instructions, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Comments concerning the accuracy of this

burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW., Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.

(i) Related Information

Refer to MCAI European Aviation Safety Agency (EASA) AD No. 2016-0202-E, dated October 7, 2016, and Pilatus Aircraft Ltd. PC-6 Service Bulletin No. 53-003, dated October 4, 2016. You may examine the MCAI on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-9356.

(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 this AD specifies otherwise.

(i) Pilatus Aircraft Ltd. PC-6 Service Bulletin No. 53-003, Revision 1, dated October 13, 2016.

(ii) Reserved.

(3) For Pilatus Aircraft Ltd. service information identified in this AD, contact Pilatus Aircraft Ltd., Customer Liaison Manager, CH-6371 STANS, Switzerland; telephone: +41 41 619 3333; fax: +41 41 619 7311; Internet: <http://www.pilatus-aircraft.com>.

(4) You may view this service information at the FAA, FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148. It is also available on the Internet at <http://www.regulations.gov> by searching for locating Docket No. FAA-2016-9356.

(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, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Kansas City, Missouri on October 27, 2016.

Pat Mullen,
Acting Manager, Small Airplane Directorate,
Aircraft Certification Service.



2016-23-03 Diamond Aircraft Industries GmbH: Amendment 39-18710; Docket No. FAA-2016-9369; Directorate Identifier 2016-CE-034-AD.

(a) Effective Date

This airworthiness directive (AD) becomes effective November 29, 2016.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Diamond Aircraft Industries GmbH Model DA 40 NG airplanes, all serial numbers, certificated in any category.

(d) Subject

Air Transport Association of America (ATA) Code 81: Turbocharging.

(e) Reason

This AD was prompted by mandatory continuing airworthiness information (MCAI) issued by the aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as manufacturing quality deficiency in a batch of V-clamps that could cause the V-clamp to crack and fail. We are issuing this AD to prevent failure of the V-clamp and possible loss of engine power, which could result in emergency landing with consequent damage to the airplane and occupant injury.

(f) Actions and Compliance

Unless already done, do the following actions.

(1) Within the next 50 hours time-in-service (TIS) after November 29, 2016 (the effective date of this AD) or within the next 2 months after November 29, 2016 (the effective date of this AD), whichever occurs first, and repetitively thereafter at intervals not to exceed 100 hours TIS, inspect the V-clamp following the Instructions section in Diamond Aircraft Industries GmbH (DAI) Work Instruction WI-MSB 40NG-046, dated July 14, 2016, as specified in DAI Mandatory Service Bulletin MSB 40NG-046/2, dated July 22, 2016.

(2) If any crack or incorrect installation is found during any inspection required in paragraph (f)(1) of this AD, before further flight, replace the V-clamp with an improved V-clamp, P/N D44-9081-26-03. After this replacement, continue with the 100 hour TIS repetitive inspection required in paragraph (f)(1) of this AD. Do the replacement following the Instructions section in Diamond Aircraft Industries GmbH (DAI) Work Instruction WI-MSB 40NG-046, dated July 14, 2016, as specified in DAI Mandatory Service Bulletin MSB 40NG-046/2, dated July 22, 2016.

(3) Unless already replaced as required in paragraph (f)(2) of this AD, within the next 100 hours TIS after November 29, 2016 (the effective date of this AD) or within the next 4 months after November 29, 2016 (the effective date of this AD), whichever occurs first, replace P/N E4A-41-000-002 V-clamp with an improved P/N D44-9081-26-03 V-clamp. After this replacement, continue with the 100 hour TIS repetitive inspection required in paragraph (f)(1) of this AD. Do the replacement following the Instructions section in Diamond Aircraft Industries GmbH (DAI) Work Instruction WI-MSB 40NG-046, dated July 14, 2016, as specified in DAI Mandatory Service Bulletin MSB 40NG-046/2, dated July 22, 2016.

(4) Within 10 days after each inspection required in paragraph (f)(1) of this AD, report the results to DAI at the address in paragraph (i)(3) of this AD using the Execution Report on page 3 of DAI Mandatory Service Bulletin MSB 40NG-046/2, dated July 22, 2016. If the initial inspection was done before November 29, 2016 (the effective date of this AD), then the report for this inspection is required within 10 days after November 29, 2016 (the effective date of this AD).

(5) At the following compliance times, installing a V-clamp P/N E4A-41-000-002 is prohibited.

(i) Anytime a P/N E4A-41-000-002 V-clamp is replaced with an improved P/N D44-9081-126-03 V-clamp, as required by paragraphs (f)(2) and (3) of this AD; and

(ii) As of November 29, 2016 (the effective date of this AD), if a P/N E4A-41-000-002 V-clamp is not currently installed.

(g) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, Standards 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: Mike Kiesov, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4144; fax: (816) 329-4090; email: mike.kiesov@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) Airworthy Product: For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(3) Reporting Requirements: For any reporting requirement in this AD, 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 current 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 5 minutes per response, including the time for reviewing instructions, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW., Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.

(h) Related Information

Refer to MCAI European Aviation Safety Agency (EASA) AD No. 2016-0203, dated October 10, 2016, and Diamond Aircraft Temporary Revision AMM-TR-MÄM 40-853/b, dated July 15, 2016, for related information. You may examine the MCAI on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-9369.

(i) Material Incorporated by Reference

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

(2) You must use this service information as applicable to do the actions required by this AD, unless this AD specifies otherwise.

(i) Diamond Aircraft Industries GmbH Mandatory Service Bulletin MSB 40NG-046/2, dated July 22, 2016.

(ii) Diamond Aircraft Industries GmbH Work Instruction WI-MSB 40NG-046, dated July 14, 2016.

(3) For Diamond Aircraft Industries GmbH service information identified in this AD, contact Diamond Aircraft Industries GmbH, N.A. Otto-Straße 5, A-2700 Wiener Neustadt, Austria, telephone: +43 2622 26700; fax: +43 2622 26780; email: office@diamond-air.at; Internet: <http://www.diamondaircraft.com>.

(4) You may view this service information at the FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148. It is also available on the Internet at <http://www.regulations.gov> by searching for locating Docket No. FAA-2016-9369.

(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, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Kansas City, Missouri, on October 31, 2016.

Pat Mullen,
Acting Manager, Small Airplane Directorate,
Aircraft Certification Service.