FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES

SMALL AIRPLANES, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

BIWEEKLY 2013-06

3/11/2013 - 3/24/2013

Federal Aviation Administration
Engineering Procedures Office, AIR-110
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AD No.	Information	Manufacturer	Applicability
Information Key: E - Emergency; COR - Correction; S - Supersedes			
Biweekly 2013-01			
2012-26-07		Eurocopter France	AS350BA helicopters
2012-26-09		Burkhart GROB Luft-und Raumfahrt GmbH	GROB G 109 and GROB G 109B sailplanes
2012-26-10		Eurocopter France	SA-365N, SA-365N1, AS-365N2, AS 365 N3, EC 155B, EC155B1, SA-366G1, SA-365C, SA-365C1, and SA-365C2 helicopters
2012-26-11		Bell Helicopter Textron Inc	205A, 205A-1, and 205B helicopters
2012-26-12		Thielert Aircraft Engines	TAE 125-02-99 and TAE 125-02-114 reciprocating engines
2012-26-13	S 2011-07-09	Thielert Aircraft Engines GmbH	TAE 125-01, TAE 125-02-99, and TAE 125-02-114 reciprocating engines
2012-26-15		Honeywell International Inc	See AD
2012-27-02		Turbomeca S.A.	ARRIEL 1A1, 1A2, 1B, 1C, 1C1, 1C2, 1D, 1D1, 1E2, 1K1, 1S, and 1S1 turboshaft engines
Biweekly 2013-02			
2012-17-08		Bell Helicopter Textron Inc	204B, 205A, 205A-1, 205B, and 212 helicopters
2012-24-09	COR	Lycoming Engines and Continental Motors, Inc.	TIO-540-AK1A, TSIO-360-MB, TSIO-360-SB, and TSIO-360-RB reciprocating engines
2013-01-06		Pilatus Aircraft Ltd	PC-7
2013-02-01		Bell Helicopter Textron Inc	206L, 206L-1, and 206L-3 helicopters, and Model 206L-4 helicopters
Biweekly 2013-03			
2013-01-04		Bell Helicopter Textron, Inc	412 and 412EP helicopters
2013-01-05		Eurocopter France	AS350B3 and EC130B4 helicopters
2013-01-07		Turbomeca S.A.	Arriel 2D turboshaft engines
2013-02-13		Piper Aircraft, Inc	PA-28-236, PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-181, PA-28-201T, PA-28R-201, PA-28-235, PA-28R-201T, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28RT-201, PA-28RT-201T, PA-32-260, PA-32-301, PA-32-301T, PA-32-300, PA-32R-300, PA-32R-301T, PA-32R-301 (SP), PA-32R-301 (HP), PA-32RT-300, PA-32RT-300T, PA-32S-300, PA-32-301FT, PA-32-301XTC, PA-34-200, PA-34-200T, PA-34-220T, PA-44-180, and PA-44-180T
2013-03-03		MD Helicopters, Inc.	500N, 600N, and MD900 helicopters
Biweekly 2013-04			
2012-26-16	S 2009-14-13	Pilatus Aircraft Ltd.	PC-12, PC-12/45, PC-12/47, and PC-12/47E
2013-03-01	S 2010-20-18	Pacific Aerospace Limited	FU24-954 and FU24A-954
2013-03-02	S 2012-19-09	Eurocopter France	EC 155B, EC155B1, SA-365N1, AS-365N2 AS 365 N, and AS 365 N3 helicopters
2013-03-04		Sikorsky Aircraft Corporation	269D and Model 269D
2013-03-09		DG Flugzeugbau GmbH	DG-1000T gliders
2013-03-10		Lindstrand Hot Air Balloons Ltd	Appliance: Female ACME threaded hose connectors
2013-03-14		Pratt & Whitney Canada Corp.	PT6C-67C turboshaft engines
2013-03-15		Cessna Aircraft Company	172R and 172S
2013-03-16	S 2011-08-01	Bell Helicopter Textron	204B, 205A, 205A-1, 205B, 210 and 212 helicopters
2013-03-21		Pratt & Whitney Canada Corp.	PW206B, PW206B2, PW206C, PW207C, PW207D, PW207D1, PW207D2, and PW207E turboshaft engines
2013-04-02		Reims Aviation S.A.	F406
Biweekly 2013-05			
2013-04-06		Eurocopter France	AS332C, AS332L, and AS332L1 helicopters
2013-04-08		Diamond Aircraft Industries GmbH	H-36, HK 36 R, HK 36 TS, and HK 36 TTS
2013-04-09		Costruzioni Aeronautiche Tecnam srl	P2006T
2013-05-01	S 2011-24-08	Turbomeca S.A.	Makila 1A2 turboshaft engines

AD No.	Information	Manufacturer	Applicability

Information Key: E - Emergency; COR - Correction; S - Supersedes

Biweekly 2013-06

2012-26-06	S 97-10-15	Erickson Air-Crane Incorporated	S-64F helicopters
2013-04-06		Eurocopter France	AS332C, AS332L, and AS332L1 helicopters
2013-05-14		Bell Helicopter Textron, Inc.	412 and 412EP helicopters
2013-05-17		Sikorsky Aircraft Corporation	S-61A, D, E, L, N, NM, R, and V helicopters
2013-05-23		Eurocopter France	AS332C, L, and L1 helicopters
2013-06-02		Diamond Aircraft Industries GmbH	DA 42 M-NG and DA 42 NG

2012-26-06 ERICKSON AIR-CRANE INCORPORATED: Amendment 39-17301; Docket No. FAA-2012-0689; Directorate Identifier 2009-SW-065-AD.

(a) Applicability

This AD applies to Sikorsky Aircraft Corporation-manufactured Model S-64F helicopters, now under the Erickson Air-Crane Incorporated Model S-64F type certificate, certificated in any category.

(b) Unsafe Condition

This AD defines the unsafe condition as a fatigue crack in a flight critical component. This condition could result in component failure from static overload and subsequent loss of control of the helicopter.

(c) Other Affected ADs

This AD supersedes AD 97-10-15, Amendment 39-10028 (62 FR 28321, May 23, 1997).

(d) Effective Date

This AD becomes effective April 16, 2013.

(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) Before further flight:

(i) Remove from service any part with a number of hours time-in-service (TIS) equal to or greater than the part's retirement life as stated in Table 1 to Paragraph (f) of this AD.

Table 1 to Paragraph (f)–Parts With New or Revised Life Limits

Part name	Part No. (P/N)	Retirement life
Main Rotor (M/R) Blade Assembly	6415-20601-045	13,280 hours TIS.
Main Transmission Support Beam Assembly, LH	6420-62363-045	9,300 hours TIS.
Main Transmission Support Beam Assembly, RH	6420-62363-046	9,300 hours TIS.
Left Splice Fitting (Transition Fitting), Rotary, Rudder Boom.	6420-66341-101	8,300 hours TIS.
Right Splice Fitting (Transition Fitting), Rotary, Rudder Boom.	6420-66341-102	8,300 hours TIS.

M/R Drive Shaft	6435-20536-101	2,200 hours TIS.
Pressure Plate Assembly, Rotary Wing Head	65101-11016-042	8,800 hours TIS.
Horn and Liner Assembly	65102-11047-041	1,140 hours TIS.
Lower Hub Plate Assembly	65103-11009-041	15,500 hours TIS.
Horizontal Hinge Pin, Rotary Wing Head	65103-11020-103	5,100 hours TIS.
Damper Bracket Assembly, Rotary Wing Head	65103-11032-043	20,000 hours TIS.
Hub Subassembly, Rotary Wing	65103-11310-043	21,600 hours TIS.
Shaft Assembly, Pitch Control Tail Gearbox	65358-07035-043	9,400 hours TIS.
Rod End Assembly, Primary Servo Assembly	65652-11212-041	20,800 hours TIS.

Note 1 to Table 1 to Paragraph (f) of this AD: The list of parts in Table 1 to Paragraph (f) of this AD contains only a portion of the life-limited parts for this model helicopter and is not an all-inclusive list.

(ii) Revise the retirement life of each part as shown in Table 1 to Paragraph (f) of this AD by making pen and ink changes or by inserting a copy of this AD into the Airworthiness Limitations section of the maintenance manual.

(iii) Record on the component history card or equivalent record the retirement life for each part as shown in Table 1 to Paragraph (f) of this AD.

(2) Before further flight, remove from service any part with a P/N listed in Table 2 to Paragraph (f) of this AD, regardless of the part's TIS. The P/Ns listed in Table 2 to Paragraph (f) of this AD are not eligible for installation on any helicopter.

Table 2 to Paragraph (f)–Parts To Be Removed From Service

Part name	P/N
Spindle Assembly, Rotary Rudder	6410-30302-041.
Main Gearbox Second Stage Lower Planetary Plate	6435-20516-101 or 6435-20516-102.
Bracket Assembly, Main Servo	6435-20527-041 or 6435-20527-042.
Primary Servo Link, Tandem Servo, M/R	6465-62161-042.
Shoulder Bolt, Tail Rotor (T/R)	65111-07001-102.
T/R Blade Assembly	65161-00001-041.

(3) Before further flight, if a T/R blade assembly, P/N 65160-00001-048, is installed, remove any of the other three T/R blade assemblies that have a different P/N and replace it with a T/R blade assembly, P/N 65160-00001-048. The T/R blade assembly, P/N 65160-00001-048, must be installed in sets of four only.

(g) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Rotorcraft Certification Office, FAA, may approve AMOCs for this AD. Send your proposal to: Michael Kohner, Aviation Safety Engineer, FAA, Rotorcraft Directorate, Rotorcraft Certification Office, Fort Worth, Texas 76137, telephone (817) 222-5170, email 7-avs-asw-170@faa.gov.

(2) For operations conducted under a 14 CFR part 119 operating certificate or under 14 CFR part 91, subpart K, we suggest 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.

(h) Additional Information

Erickson Service Bulletin No. 64F General-1, Revision 17, dated August 17, 2010, which is not incorporated by reference, contains additional information about the subject of this AD. For service information identified in this AD, contact Erickson Air-Crane Incorporated, ATTN: Chris Erickson/Compliance Officer, 3100 Willow Springs Rd, P.O. Box 3247, Central Point, OR 97502, telephone (541) 664-5544, fax (541) 664-2312, email address cerickson@ericksonaircrane.com. You may review a copy of this information at the FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137.

(i) Subject

Joint Aircraft Service Component (JASC) Code: 6300: Main Rotor Drive System and 6400: Tail Rotor System.

Issued in Fort Worth, Texas, on March 1, 2013.
Kim Smith,
Directorate Manager, Rotorcraft Directorate,
Aircraft Certification Service.

2013-04-06 Eurocopter France (Eurocopter): Amendment 39-17363; Docket No. FAA-2012-1015; Directorate Identifier 2007-SW-069-AD.

(a) Applicability

This AD applies to Eurocopter Model AS332C, AS332L, and AS332L1 helicopters not modified per modification (MOD) 0723817, MOD 0725670, MOD 332P083218 or MOD 332A088381, with a main landing gear control panel (control panel) 33G, part number (P/N) 332A67-1623-00, -06, -0610, or -0651; certificated in any category.

(b) Unsafe Condition

This AD defines the unsafe condition as an uncommanded landing gear retraction, which could cause the helicopter nose to drop and hit the ground while the rotor blades are spinning.

(c) Effective Date

This AD becomes effective April 15, 2013.

(d) Compliance

You are responsible for performing each action required by this AD within the specified compliance time unless it has already been accomplished prior to that time.

(e) Required Actions

Within 90 days, modify the control panel 33G and connector 100G, route the 1GA5103E wiring, and perform the tests in accordance with the Accomplishment Instructions, Paragraphs 2.B 2.a. through 2.B.3.d., and as depicted in figures 1 and 2, of Eurocopter Alert Service Bulletin No 32.00.18, Revision 2, dated July 12, 2010.

(f) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Safety Management Group, FAA, may approve AMOCs for this AD. Send your proposal to: George Schwab, Aviation Safety Engineer, FAA, Rotorcraft Directorate, Safety Management Group, 2601 Meacham Blvd., Fort Worth, Texas, 76137; telephone: (817) 222-5114; fax: (817) 222-5961; email: george.schwab@faa.gov.

(2) For operations conducted under a 14 CFR part 119 operating certificate or under 14 CFR part 91, subpart K, we suggest that you notify your principal inspector, or lacking a principal inspector, the manager of the local flight standards district office or certificate holding district office, before operating any aircraft complying with this AD through an AMOC.

(g) Additional Information

The subject of this AD is addressed in European Aviation Safety Agency AD No. 2006-0152, dated May 30, 2006.

(h) Subject

Joint Aircraft Service Component (JASC) Code: 3230, landing gear retract/extend system.

(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 the AD specifies otherwise.

(i) Eurocopter France Alert Service Bulletin No. 32.00.18, Revision 2, dated July 12, 2010.

(ii) Reserved.

(3) For Eurocopter service information identified in this AD, contact American Eurocopter Corporation, 2701 N. Forum Drive, Grand Prairie, TX 75052, telephone (972) 641-0000 or (800) 232-0323, fax (972) 641-3775, or at http://www.eurocopter.com/techpub.

(4) You may view this service information at FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137. 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, call (202) 741-6030, or go to: http://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued in Fort Worth, Texas, on February 8, 2013.
Kim Smith,
Manager, Rotorcraft Directorate,
Aircraft Certification Service.

2013-05-14 Bell Helicopter Textron, Inc. (Bell): Amendment 39-17386; Docket No. FAA-2012-1016; Directorate Identifier 2010-SW-009-AD.

(a) Applicability

This AD applies to Bell Model 412 and 412EP helicopters, with a swashplate outer ring assembly (outer ring), part number (P/N) 412-010-407-105, certificated in any category.

(b) Unsafe Condition

This AD defines the unsafe condition as cracking in the outer ring, which could result in the loss of main rotor (M/R) blade pitch control and subsequent loss of helicopter control.

(c) Effective Date

This AD becomes effective April 26, 2013.

(d) Compliance

You are responsible for performing each action required by this AD within the specified compliance time unless it has already been accomplished prior to that time.

(e) Required Actions

(1) Within 30 days, establish a retirement life of 2,500 hours time-in-service (TIS) for any affected outer ring on the component history card or equivalent record. Revise the helicopter Airworthiness Limitations section of the applicable maintenance manual or Instructions for Continued Airworthiness (ICA) by establishing the new retirement life by making pen-and-ink changes or inserting a copy of this AD into the maintenance manual or the ICAs.

(2) For any affected outer ring that, on the effective date of this AD, has 2,200 or more hours TIS, within 300 hours TIS, replace the outer ring with an airworthy outer ring.

(3) Within 12 months, for any affected outer ring, regardless of the number of hours TIS, replace the outer ring with an airworthy outer ring.

(4) Do not install outer ring, P/N 412-010-407-105, on any helicopter.

(f) Special Flight Permits

No special flight permits will be issued for any helicopter installed with outer ring, P/N 412-010-407-105, if the outer ring has 2,500 hours or more TIS.

(g) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Safety Management Group, FAA, may approve AMOCs for this AD. Send your proposal to: Michael Kohner, Aviation Safety Engineer, Rotorcraft Certification Office,

Rotorcraft Directorate, FAA, 2601 Meacham Blvd., Fort Worth, TX 76137; telephone (817) 222-5447; email 7-avs-asw-170@faa.gov.

(2) For operations conducted under a 14 CFR part 119 operating certificate or under 14 CFR part 91, subpart K, we suggest 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.

(h) Additional Information

Bell Helicopter Alert Service Bulletin No. 412-08-131, Revision B, dated October 29, 2009, which is not incorporated by reference, contains additional information about the subject of this AD. For service information identified in this AD, contact Bell Helicopter Textron, Inc., P.O. Box 482, Fort Worth, TX 76101; telephone (817) 280-3391; fax (817) 280-6466; or at http://www.bellcustomer.com/files/. You may review a copy of this service information at the FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth Texas 76137.

(i) Subject

Joint Aircraft Service Component (JASC) Code: 6230, Main Rotor Mast/Swashplate.

Issued in Fort Worth, Texas, on March 6, 2013.
Lance T. Gant,
Acting Directorate Manager, Rotorcraft Directorate,
Aircraft Certification Service.

2013-05-17 Sikorsky Aircraft Corporation: Amendment 39-17389; Docket No. FAA-2012-0085; Directorate Identifier 2011-SW-004-AD.

(a) Applicability

This AD applies to Sikorsky Aircraft Corporation Model S-61A, D, E, L, N, NM, R, and V helicopters with a fuel system 40 micron fuel filter element, part number (P/N) 52-0505-2 or 52-01064-1, certificated in any category.

(b) Unsafe Condition

This AD defines the unsafe condition as contaminants present in the engine fuel control units (FCUs). This AD was prompted by a National Transportation Safety Board review of in-service events where engine performance degradation occurred. This condition could result in particulate contamination in the FCU, which could lead to malfunction of an internal valve, power loss at a critical phase of flight, and loss of control of the helicopter.

(c) Effective Date

This AD becomes effective April 26, 2013.

(d) Compliance

You are responsible for performing each action required by this AD within the specified compliance time unless it has already been accomplished prior to that time.

(e) Required Actions

(1) Within 150 hours time-in-service, do the following:

(i) Replace each forward and aft fuel system 40 micron fuel filter element with a 10 micron nominal (40 micron absolute) fuel filter element, P/N AM52-01064-1.

(ii) Re-identify the fuel filter, P/N 52-2145-009, and fuel control assembly bracket as follows:

(A) On the fuel filter identification plate, cross out the last two digits ("09") of the existing fuel filter P/N 52-2145-009, and replace those last two digits with "14" to re-identify the fuel filter as P/N 52-2145-014.

(B) Change the existing fuel control assembly part number on the fuel control assembly bracket to re-identify it as follows:

(*1*) Change fuel control assembly P/N S6130-63209-001 to P/N S6130-63209-041.

(*2*) Change fuel control assembly P/N S6130-63209-002 to P/N S6130-63209-042.

(*3*) Change fuel control assembly P/N S6130-63209-003 to P/N S6130-63209-043.

(*4*) Change fuel control assembly P/N S6130-63209-004 to P/N S6130-63209-044.

(f) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Boston Aircraft Certification Office, FAA, may approve AMOCs for this AD. Send your proposal to: Kirk Gustafson, Aerospace Engineer, Boston Aircraft Certification Office, Engine and Propeller Directorate, FAA, 12 New England Executive Park, Burlington, MA 01803; telephone (781) 238-7190; email kirk.gustafson@faa.gov.

(2) For operations conducted under a 14 CFR part 119 operating certificate or under 14 CFR part 91, subpart K, we suggest that you notify your principal inspector, or lacking a principal inspector, the manager of the local flight standards district office or certificate holding district office before operating any aircraft complying with this AD through an AMOC.

(g) Additional Information

Sikorsky Aircraft Corporation Alert Service Bulletin No. 61B30-16, dated February 2, 1010, which is not incorporated by reference, contains additional information about the subject of this AD. For this service information, contact Sikorsky Aircraft Corporation, Attn: Manager, Commercial Technical Support, mailstop s581a, 6900 Main St., Stratford, CT; telephone (203) 383-4866; email tsslibrary@sikorsky.com, or at http://www.sikorsky.com. You may review a copy of this service information at the FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137.

(h) Subject

Joint Aircraft Service Component (JASC) Code: 2821, Aircraft Fuel Filter/Strainer.

Issued in Fort Worth, Texas, on March 6, 2013.
Lance T. Gant,
Acting Directorate Manager, Rotorcraft Directorate,
Aircraft Certification Service.

2013-05-23 Eurocopter France (Eurocopter): Amendment 39-17395; Docket No. FAA-2012-0795; Directorate Identifier 2008-SW-53-AD.

(a) Applicability

This AD applies to Eurocopter Model AS332C, L, and L1 helicopters with a main rotor head (MRH), part number (P/N) 332A31-0001-05 or P/N 332A31-0001-06, with a serial number (S/N) M172, M216, M261, M308, M547, M561, M677, M811, M859, M935, M936, M938, or M942 installed; having less than 275 hours time-in-service (TIS) since the last overhaul of the MRH; certificated in any category.

(b) Unsafe Condition

This AD defines the unsafe condition as deterioration of the MRH swash-plate upper bearing (bearing), which could result in overloading the scissor links which drive the main rotor system, failure of the scissors links, and subsequent loss of control of the helicopter.

(c) Effective Date

This AD becomes effective April 24, 2013.

(d) Compliance

You are responsible for performing each action required by this AD within the specified compliance time unless it has already been accomplished prior to that time.

(e) Required Actions

Within 5 hours TIS:

(1) Inspect the MRH bearing for a non-smooth point (friction point) by rotating the MRH swash-plate and:

(i) If there is a friction point in the bearing, before further flight, replace the MRH with an airworthy MRH.

(ii) If there is not a friction point in the bearing, lubricate the MRH swash-plate and rotate it until grease is expelled; inspect the expelled grease for metal particles.

(A) If there is a metal particle in the grease, before further flight, replace the MRH with an airworthy MRH.

(B) If there is not a metal particle in the grease, measure the force required to rotate the MRH swash-plate using a spring scale attached to the pitch change rod attachment yokes.

(*1*) If the force to rotate the MRH swash-plate is equal to or greater than 5.5 kg, before further flight, replace the MRH with an airworthy MRH.

(*2*) If the force to rotate the MRH swash-plate is less than 5.5 kg, inspect the MRH swash-plate assembly for vertical play in the bearing. If there is vertical play in the bearing, before further flight, replace the MRH with an airworthy MRH.

(2) Before installing an MRH, P/N 332A31-0001-05 or P/N 332A31-001-06, with S/N M172, M216, M261, M308, M547, M561, M677, M811, M859, M935, M936, M938, or M942 on any helicopter, inspect the MRH in accordance with paragraph (e)(1) of this AD.

(f) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Safety Management Group, FAA, may approve AMOCs for this AD. Send your proposal to: Gary Roach, Aviation Safety Engineer, Regulations and Policy Group, Rotorcraft Directorate, FAA, 2601 Meacham Blvd., Fort Worth, Texas 76137; telephone (817) 222-5110; email gary.b.roach@faa.gov.

(2) For operations conducted under a 14 CFR part 119 operating certificate or under 14 CFR part 91, subpart K, we suggest that you notify your principal inspector, or lacking a principal inspector, the manager of the local flight standards district office or certificate holding district office, before operating any aircraft complying with this AD through an AMOC.

(g) Additional Information

(1) Eurocopter Emergency Alert Service Bulletin, No. 62.00.73, Revision 0, dated September 8, 2008, which is not incorporated by reference, contains additional information about the subject of this AD. For service information identified in this AD, contact American Eurocopter Corporation, 2701 Forum Drive, Grand Prairie, Texas 75053-4005; telephone (800) 232-0323; or at http://www.eurocopter.com. You may review a copy of the service information at the FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137.

(2) The subject of this AD is addressed in the European Aviation Safety Agency (France) Emergency AD No. 2008-0172-E, dated September 9, 2008.

(h) Subject

Joint Aircraft Service Component (JASC) Code: 6400, Tail Rotor System.

Issued in Fort Worth, Texas, on March 7, 2013.
Lance T. Gant,
Acting Directorate Manager, Rotorcraft Directorate,
Aircraft Certification Service.

2013-06-02 Diamond Aircraft Industries GmbH: Amendment 39-17397; Docket No. FAA-2013-0247; Directorate Identifier 2013-CE-001-AD.

(a) Effective Date

This airworthiness directive (AD) becomes effective April 8, 2013.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Diamond Aircraft Industries GmbH Models DA 42 M-NG and DA 42 NG airplanes, all serial numbers, certificated in any category.

(d) Subject

Air Transport Association of America (ATA) Code 71: Power Plant.

(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 the engine air inlet filter is subject to icing. We are issuing this AD to address the unsafe condition on these products.

(f) Actions and Compliance

Unless already done, do the following actions within 30 days after April 8, 2013 (the effective date of this AD).

(1) For Model DA 42 NG airplanes: Incorporate the following into the applicable pilot's operating handbook (POH)/FAA-approved airplane flight manual (AFM) into the applicable sections:

(i) Diamond Aircraft DA 42 NG AFM Temporary Revision TR-MÄM 42-701, Doc. 7.01.15-E, dated November 20, 2012;

(ii) Diamond Aircraft DA 42 NG AFM Temporary Revision TR-MÄM 42-701, Doc. 7.01.16-E, dated November 20, 2012; and

(iii) Diamond Aircraft DA 42 NG AFM Temporary Revision TR-OÄM-42-200/a, Doc. 7.01.15-E, dated November 30, 2012.

(2) For Model DA 42 M-NG airplanes: Incorporate the following into the applicable POH/FAA-approved AFM into the applicable sections:

(i) Diamond Aircraft DA 42 NG AFM Temporary Revision TR-MÄM 42-701, Doc. 7.01.15-E, dated November 20, 2012;

(ii) Diamond Aircraft DA 42 NG AFM Temporary Revision TR-OÄM-42-200/a, Doc. 7.01.15-E, dated November 30, 2012.

(3) The actions required by paragraphs (f)(1) and (f)(2) of this AD may be performed by the owner/operator (pilot) holding at least a private pilot certificate and must be entered into the aircraft records showing compliance with this AD in accordance with 14 CFR 43.9 (a)(1)-(4) and 14 CFR 91.417(a)(2)(v). The record must be maintained as required by 14 CFR 91.417, 121.380, or 135.439.

(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.: 2012-0269, dated December 19, 2012; and Diamond Aircraft Industries GmbH Service Information No. SI 42NG-039, dated November 14, 2012, for related information.

(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 the AD specifies otherwise.

(i) Diamond Aircraft DA 42 NG AFM Temporary Revision TR-MÄM 42-701, Doc. 7.01.15-E, dated November 20, 2012;

(ii) Diamond Aircraft DA 42 NG AFM Temporary Revision TR-MÄM 42-701, Doc. 7.01.16-E, dated November 20, 2012; and

(iii) Diamond Aircraft DA 42 NG AFM Temporary Revision TR-OÄM-42-200/a, Doc. 7.01.15-E, dated November 30, 2012.

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

(4) You may view this service information at 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.

(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/index.html.

Issued in Kansas City, Missouri, on March 7, 2013.
Earl Lawrence,
Manager, Small Airplane Directorate,
Aircraft Certification Service.