



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

BIWEEKLY 2010-08

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
P. O. Box 26460
Oklahoma City, OK 73125-0460
FAX 405-954-4104

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 2010-01			
2009-26-05		Pilatus Aircraft Ltd	PC-7
2009-26-07	S 2009-12-51	Turbomeca	Engine: Arriel 1A1, 1A2, 1B, 1C, 1C1, 1C2, 1D, 1D1, 1E2, 1K1, 1S, and 1S1
2009-26-08	S 2006-21-12	AeroSpace Technologies of Australia Pty Ltd	N22B, N22S, and N24A
2009-26-12	S 2008-19-05	Engine Components, Inc. (ECi)	See AD
Biweekly 2010-02			
2009-21-08 R1		PIAGGIO AERO INDUSTRIES S.p.A.	P-180
2010-01-03		Fire Fighting Enterprises Limited	See AD
2010-02-01		Turbomeca S.A	Arriel 1B, 1D, and 1D1
2010-02-51	E	AGUSTA S.p.A	A109A, A109A II, A109C, and A109K2
Biweekly 2010-03			
2009-19-51		Agusta S.p.A	AB139 and AW139
2009-26-11	S 2006-07-15	Thrush Aircraft, Inc.	See AD
2010-02-07		Eurocopter France	Rotorcraft: SE3160, SA315B, SA316B, SA316C, and SA319B
2010-02-08		Turbomeca	Engine: Turmo IV A and IV C
2010-03-01		Eurocopter France	Rotorcraft: AS332L1, AS332L2, and EC225LP
2010-03-02		Lifesaving Systems Corp.	Appliance
Biweekly 2010-04			
2009-23-51		Sikorsky Aircraft Corporation	Rotorcraft: S-92A
2010-03-03		Bell Helicopter Textron, Inc	Rotorcraft: 205B and 212
2010-03-04		PIAGGIO AERO INDUSTRIES S.p.A	P-180
2010-03-06		Turbomeca	Engine: Arriel 2B and 2B1
2010-03-09		Piaggio Aero Industries S.p.A	P-180
Biweekly 2010-05			
2010-04-05	S 2003-12-05	McCaughey Propeller Systems	Propeller: 1A103/TCM
2010-04-06		Thielert Aircraft Engines GmbH	Engine: TAE 125-01
2010-04-07		Turbomeca	Engine: Arriel 2S1
2010-04-11		Extra Flugzeugproduktions- und Vertriebs- GmbH	EA-300/200, EA-300/L
2010-04-14		Augustair, Inc	2150, 2150 ^a , 2180
2010-04-15		SCHEIBE-Flugzeugbau GmbH	Glider: SF 25C
2010-04-16		SICLI	Appliance: portable fire extinguishers
2010-05-02	S 2009-08-10	Pilatus Aircraft Ltd	PC-12/47E
2010-05-51	E	Eurocopter	Rotorcraft: EC120B
Biweekly 2010-06			
2010-05-10		Hawker Beechcraft	B300, B300C
2010-06-02		Hawker Beechcraft	G58

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 2010-07

2010-06-03		Eurocopter France	Rotorcraft: AS355E, AS355F, AS355F1, AS355F2, and AS355N
2010-06-06	S 99-16-13	MD Helicopters, Inc	Rotorcraft: MD-900
2010-06-07		Eurocopter France	Rotorcraft: AS 332 C, L, L1, and L2; AS 350 B3; AS355 F, F1, F2, and N; SA 365N and N1; AS 365 N2 and N3; SA 366G1; EC 130 B4; and EC 155B and B1
2010-06-08		Sikorsky Aircraft Corporation	Rotorcraft: S-76C
2010-06-11		Honeywell International Inc.	Engine: TFE731-2, TFE731-2A, TFE731-2C, TFE731-3, TFE731-3A, TFE731-3AR, TFE731-3B, TFE731-3BR, TFE731-3C, TFE731-3CR, TFE731-3D, TFE731-3DR, TFE731-3R, TFE731-4, TFE731-4R, TFE731-5, TFE731-5AR, TFE731-5BR, and TFE731-5R
2010-06-12		Thielert Aircraft Engines GmbH	Engine: TAE 125-01 and TAE 125-02-99

Biweekly 2010-08

2009-08-08 R1	R 2010-08-08	Turbomeca S.A	Engine: Arriel 1B, 1D, and 1D1, Arriel 2B and 2B1
2010-07-02	S 2006-22-05	Honeywell, Inc	Appliance: See AD
2010-07-07		Socata	TBM 700
2010-07-08		Kelly Aerospace Energy Systems, LLC	Appliance: See AD
2010-08-01		Aircraft Industries a.s	Glider: L 23 Super Blanik

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;



**FAA
Aviation Safety**

AIRWORTHINESS DIRECTIVE

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

2009-08-08R1 Turbomeca S.A.: Amendment 39-16245. Docket No. FAA-2009-0302; Directorate Identifier 2009-NE-09-AD.

Effective Date

- (a) This airworthiness directive (AD) becomes effective May 7, 2010.

Affected ADs

- (b) This AD revises AD 2009-08-08, Amendment 39-15881.

Applicability

- (c) This AD applies to:

- (1) Turbomeca Arriel 1B, 1D, and 1D1 turboshaft engines with the power turbine (PT) modules M04 installed, as listed by serial number (S/N) in Figure 1 of Turbomeca Alert Mandatory Service Bulletin (MSB) No. A292 72 0827, Version C, dated July 15, 2009; and
- (2) Turbomeca Arriel 2B and 2B1 turboshaft engines with the power turbine modules M04 installed, as listed by S/N in Figure 1 of Turbomeca Alert MSB No. A292 72 2833, Version C, dated July 15, 2009.
- (3) These engines are installed on, but not limited to, Eurocopter AS 350 B, AS 350 BA, AS 350 B1, AS 350 B2, AS 350 B3, and EC 130 B4 helicopters.

Reason

- (d) European Aviation Safety Agency (EASA) AD No. 2009-0112R1, dated July 30, 2009, states:

Since issuance of initial version of AD 2009-0112 additional information is available:

–The list of Modules M04 concerned by the restriction of the cycle use limit of these PT blades has been updated again: The serial numbers of Modules M04 which have been retrofitted are crossed out. However no new affected Modules M04 have been identified. See figure 1 of the referenced Turboméca MSB.

–Additional testing and analysis had been carried out by Turboméca which allows increasing the cyclic use limit of these PT blades to 5,000 flight cycles.

We are issuing this AD to prevent release of PT blades, which could result in an uncommanded in-flight shutdown and emergency autorotation landing.

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;

Actions and Compliance

(e) Unless already done, do the following actions.

(1) For engines with an affected Module M04 (PT module), which has accumulated 5,000 total PT cycles or more on the effective date of this AD, remove the PT blades from service before further flight.

(2) For engines with an affected Module M04, which has accumulated fewer than 5,000 total PT cycles on the effective date of this AD, remove the PT blades from service before accumulating 5,000 total PT cycles.

(3) After the effective date of this AD, do not install any PT blades removed as specified in paragraph (e)(1) or (e)(2) of this AD, into any engine.

FAA AD Differences

(f) Although the compliance section of EASA AD No. 2009-0112R1, dated July 30, 2009, states to replace the Module M04, or PT wheel assembly, or PT blades, this AD states to remove the PT blades from service.

(g) Although EASA AD No. 2009-0112R1, dated July 30, 2009, applies to the Arriel 2B1A engine, this AD does not apply to that model because it has no U.S. type certificate.

Other FAA AD Provisions

(h) Alternative Methods of Compliance (AMOCs): The Manager, Engine Certification Office, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19.

Related Information

(i) Refer to MCAI EASA Airworthiness Directive 2009-0112R1, dated July 30, 2009, for related information.

(j) Contact Kevin Dickert, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803; e-mail: kevin.dickert@faa.gov; telephone (781) 238-7117, fax (781) 238-7199, for more information about this AD.

Material Incorporated by Reference

(k) You must use the service information specified in Table 1 of this AD 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 Turbomeca, 40220 Tarnos, France; telephone 33 05 59 74 40 00, fax 33 05 59 74 45 15.

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;

(3) You may review copies at the FAA, New England Region, 12 New England Executive Park, Burlington, MA; 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>.

Table 1 – Material Incorporated by Reference

Service Bulletin No.	Page	Revision	Date
Mandatory Service Bulletin A292 72 0827	All	Version C	July 15, 2009
Mandatory Service Bulletin A292 72 2833	All	Version C	July 15, 2009

Issued in Burlington, Massachusetts, on March 16, 2010.

Francis A. Favara,
Manager, Engine and Propeller Directorate,
Aircraft Certification Service.

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;



FAA
Aviation Safety

AIRWORTHINESS DIRECTIVE

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

2010-07-02 Honeywell, Inc.: Amendment 39-16246. Docket No. FAA-2008-0556; Directorate Identifier 2007-NM-028-AD.

Effective Date

- (a) This AD becomes effective May 3, 2010.

Affected ADs

- (b) This AD supersedes AD 2006-22-05, Amendment 39-14802.

Applicability

(c) This AD applies to various aircraft, certificated in any category, equipped with any Honeywell Primus II RNZ-850()/-851() integrated navigation units (INUs) identified in a service bulletin identified in Table 1 of this AD. The aircraft include, but are not limited to, BAE Systems (Operations) Limited (Jetstream) Model 4101 airplanes; Bombardier Model BD-700-1A10 airplanes; Bombardier Model CL-215-6B11 (CL-415 variant) airplanes; Cessna Model 560, 560XL, and 650 airplanes; Dassault-Aviation Model Mystere-Falcon 50 airplanes; 328 Support Services GmbH (Dornier) Model 328-100 and -300 airplanes; Empresa Brasileira de Aeronautica S.A. (EMBRAER) Model EMB-135 airplanes and Model EMB-145, -145ER, -145MR, -145LR, -145XR, -145MP, and -145EP airplanes; Learjet Model 45 airplanes; Hawker Beechcraft Corporation Model Hawker 800XP and Hawker 1000 airplanes; and Sikorsky Model S-76A, S-76B, and S-76C aircraft.

Table 1 – Service Bulletins affected by this AD

INUs listed in Honeywell –	Revision –	Dated –
(1) Alert Service Bulletin 7510134-34-A0016	001	March 4, 2003
(2) Alert Service Bulletin 7510134-34-A0017	Original	July 11, 2003
(3) Service Bulletin 7510134-34-0018	Original	July 8, 2004
(4) Alert Service Bulletin 7510100-34-A0034	Original	February 28, 2003
(5) Alert Service Bulletin 7510100-34-A0035	Original	July 11, 2003
(6) Service Bulletin 7510100-34-0037	Original	July 8, 2004

Note 1: This AD applies to Honeywell Primus II RNZ-850()/-851() INUs installed on any aircraft, regardless of whether the aircraft has been otherwise modified, altered, or repaired in the area subject to the requirements of this AD. For aircraft that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request

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; approval for an alternative method of compliance in accordance with paragraph (o) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Unsafe Condition

(d) This AD results from reports indicating that erroneous localizer and glideslope indications have occurred on certain aircraft equipped with the subject INUs. We are issuing this AD to ensure that the flightcrew has accurate localizer and glideslope deviation indications. An erroneous localizer or glideslope deviation indication could lead to the aircraft making an approach off the localizer, which could result in impact with an obstacle or terrain.

Compliance

(e) You are responsible for having the actions required by this AD performed within the compliance times specified, unless the actions have already been done.

Restatement of Certain Requirements of AD 2006-22-05

Compliance Time for Action

(f) For any INU identified in Table 2 of this AD: Within 5 days after March 11, 2003 (the effective date of AD 2003-04-06, Amendment 39-13054, which was superseded by AD 2006-22-05), accomplish the requirements of either paragraph (g) or (h) of this AD. After December 1, 2006 (the effective date of AD 2006-22-05), only accomplishing the requirements of paragraph (g) of this AD is acceptable for compliance with this paragraph.

Table 2 – INUs identified in AD 2006-22-05

P/N 7510100-811 through 7510100-814 inclusive
P/N 7510100-831 through 7510100-834 inclusive
P/N 7510100-901 through 7510100-904 inclusive
P/N 7510100-911 through 7510100-914 inclusive
P/N 7510100-921 through 7510100-924 inclusive
P/N 7510100-931 through 7510100-934 inclusive

Inspection To Determine Part Number

(g) For any INU identified in Table 2 of this AD: Perform a one-time general visual inspection of the modification plate for the Honeywell Primus II NV-850 Navigation Receiver Module (NRM); part number 7510134-811, -831, -901, or -931; which is part of the Honeywell Primus II RNZ-850()/-851() INU; to determine if Mod L has been installed. The modification plate is located on the bottom of the Honeywell Primus II RNZ-850()/-851() INU, is labeled NV-850, and contains the part number and serial number for the Honeywell Primus II NV-850 NRM. If Mod T is

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; installed, the letter will be blacked out. The Honeywell service bulletins listed in Table 1 of this AD are acceptable sources of service information for the inspection required by this paragraph.

(1) If Mod L is installed, before further flight, do paragraph (h) or (j) of this AD. After December 1, 2006, only accomplishment of paragraph (j) is acceptable for compliance with this paragraph.

Note 2: For the purposes of this AD, a general visual inspection is defined as: "A visual examination of an interior or exterior area, installation, or assembly to detect obvious damage, failure, or irregularity. This level of inspection is made from within touching distance unless otherwise specified. A mirror may be necessary to enhance visual access to all exposed surfaces in the inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight, or droplight and may require removal or opening of access panels or doors. Stands, ladders, or platforms may be required to gain proximity to the area being checked."

Aircraft Flight Manual (AFM) Revision

(h) For aircraft having an INU identified in Table 2 of this AD: Revise the Limitations section of the AFM to include the following statements (which may be accomplished by inserting a copy of the AD into the AFM):

"FLIGHT LIMITATIONS

When crossing the Outer Marker on glideslope, the altitude must be verified with the value on the published procedure.

For aircraft with a single operating glideslope receiver, the approach may be flown using normal procedures no lower than Localizer Only Minimum Descent Altitude (MDA).

For aircraft with two operating glideslope receivers, the aircraft may be flown to the published minimums for the approach using normal procedures if both glideslope receivers are tuned to the approach and both crew members are monitoring the approach using independent data and displays."

Parts Installation

(i) For aircraft having an INU identified in Table 2 of this AD: As of March 11, 2003, no person may install a Honeywell Primus II NV-850 NRM on which Mod L has been installed, on the Honeywell Primus II RNZ-850()/-851() INU of any aircraft, unless paragraph (h) or (j) of this AD is accomplished. As of December 1, 2006, only accomplishment of paragraph (j) is acceptable for compliance with this paragraph.

Inspection To Determine Modification Level of NRM

(j) For any INU identified in Table 2 of this AD on which Mod L was found to be installed during the inspection required by paragraph (g) of this AD, or for aircraft on which paragraph (h) of this AD was accomplished: Within 30 months after December 1, 2006, do an inspection of the

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; modification plate on the Honeywell Primus II NV-850 NRM; part number 7510134-811, -831, -901, or -931; which is part of the Honeywell Primus II RNZ-850()/851() INU; to determine if Mod L, N, P, R, or T is installed. The modification plate located on the bottom of the Honeywell Primus II RNZ-850()/851() INU is labeled NV-850, and contains the part number and serial number for the Honeywell Primus II NV-850 NRM. If Mod L, N, P, R, or T is installed, the corresponding letter on the modification plate will be blacked out. Honeywell Alert Service Bulletin 7510100-34-A0035, dated July 11, 2003; and Honeywell Service Bulletin 7510100-34-0037, dated July 8, 2004; are acceptable sources of service information for this inspection. If Mod L, N, P, or R is installed (which relates to the glide slope fix), within 30 months after December 1, 2006, do all applicable related investigative, corrective, and other specified actions, in accordance with the Accomplishment Instructions of Honeywell Alert Service Bulletin 7510100-34-A0035, dated July 11, 2003; and if Mod T is not installed (which relates to the localizer fix), within 30 months after December 1, 2006, do all applicable related investigative, corrective, and other specified actions, in accordance with the Accomplishment Instructions of Honeywell Service Bulletin 7510100-34-0037, dated July 8, 2004; to ensure that the NRM is at the Mod T configuration. Once the actions in this paragraph are completed, the AFM revision required by paragraph (h) of this AD may be removed from the AFM.

(k) If the inspection specified in paragraph (j) of this AD is done within the compliance time specified in paragraph (f) of this AD, paragraph (g) of this AD does not need to be done.

New Requirements of This AD

Inspection To Determine Mod Level

(l) For any INU that is not identified in Table 2 of this AD: Within 30 months after the effective date of this AD, perform a one-time general visual inspection of the modification plate for the Honeywell Primus II NV-850 Navigation Receiver Module (NRM); part number 7510134-611, -631, -701, -731, 811, -831, -901, or -931; which is part of the Honeywell Primus II RNZ-850()/851() INU; to determine whether Mod L, N, P, R, or T is installed. The modification plate located on the bottom of the Honeywell Primus II RNZ-850()/851() INU is labeled NV-850, and contains the part number and serial number for the Honeywell Primus II NV-850 NRM. If Mod L, N, P, R, or T is installed, the corresponding letter on the modification plate will be blacked out. Honeywell Alert Service Bulletin 7510100-34-A0035, dated July 11, 2003; and Honeywell Service Bulletin 7510100-34-0037, dated July 8, 2004; are acceptable sources of service information for this inspection.

(1) If the NRM is part number 7510134-611, -631, -701, or -731, and has Mod T installed: No further action is required by this paragraph.

(2) If the NRM is part number 7510134-611, -631, -701, or -731, and Mod T is not installed, within 30 months after the effective date of this AD: Do all applicable related investigative, corrective, and other specified actions, in accordance with the accomplishment Instructions of Honeywell Service Bulletin 7510100-34-0037, dated July 8, 2004; to ensure that the NRM is at the Mod T configuration.

(3) If the NRM is part number 7510134-811, -831, -901, or -931: Within 30 months after the effective date of this AD, do all applicable related investigative, corrective, and other specified actions, in accordance with the Accomplishment Instructions of Honeywell Alert Service Bulletin 7510100-34-A0035, dated July 11, 2003; and Honeywell Service Bulletin 7510100-34-0037, dated July 8, 2004; to ensure that the NRM part number has been updated to 7510134-611, -631, -701, -731 configuration and Mod T has been installed.

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;

Parts Installation

(m) As of the effective date of this AD, no person may install a Honeywell Primus II RNZ-850(-)/-851() INU that contains a NV-850 NRM part number 7510134-811, -831, -901, or -931; or part number 7510134-611, -631, -701, or -731, that does not have Mod T installed, unless paragraph (l) is accomplished.

No Report

(n) Where Honeywell Alert Service Bulletin 7510100-34-A0035, dated July 11, 2003 (or any of the related service information referenced therein), specifies to submit certain information to the manufacturer, this AD does not include that requirement.

Alternative Methods of Compliance (AMOCs)

(o)(1) The Manager, Los Angeles 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: Daniel Bui, Aerospace Engineer, Systems and Equipment Branch, ANM-130L, FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California 90712-4137; telephone (562) 627-5339; fax (562) 627-5210.

(2) To request a different method of compliance or a different compliance time for this AD, follow the procedures in 14 CFR 39.19. Before using any approved AMOC on any airplane to which the AMOC applies, notify your principal maintenance inspector (PMI) or principal avionics inspector (PAI), as appropriate, or lacking a principal inspector, your local Flight Standards District Office. The AMOC approval letter must specifically reference this AD.

Material Incorporated by Reference

(p) You must use the service information contained in Table 3 of this AD, as applicable, to do the actions required by this AD, unless the AD specifies otherwise. (Only the first page of these documents specifies the revision level of the document; no other page contains this information.)

Table 3 – All Material Incorporated by Reference

Honeywell –	Revision –	Dated –
Alert Service Bulletin 7510134-34-A0016	001	March 4, 2003
Alert Service Bulletin 7510134-34-A0017	Original	July 11, 2003
Alert Service Bulletin 7510100-34-A0034	Original	February 28, 2003
Alert Service Bulletin 7510100-34-A0035	Original	July 11, 2003
Service Bulletin 7510100-34-0037	Original	July 8, 2004
Service Bulletin 7510134-34-0018	Original	July 8, 2004

(1) The Director of the Federal Register approved the incorporation by reference of the service information contained in Table 4 of this AD under 5 U.S.C. 552(a) and 1 CFR part 51.

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;

Table 4 – New Material Incorporated by Reference

Honeywell –	Revision –	Dated –
Alert Service Bulletin 7510134-34-A0016	001	March 4, 2003
Alert Service Bulletin 7510134-34-A0017	Original	July 11, 2003
Alert Service Bulletin 7510100-34-A0034	Original	February 28, 2003
Service Bulletin 7510134-34-0018	Original	July 8, 2004

(2) The Director of the Federal Register previously approved the incorporation by reference of Honeywell Alert Service Bulletin 7510100-34-A0035, dated July 11, 2003; and Honeywell Service Bulletin 7510100-34-0037, dated July 8, 2004; on December 1, 2006 (71 FR 62907, October 27, 2006).

(3) For service information identified in this AD, contact Honeywell Technical Operations Center, 1944 East Sky Harbor Circle, Phoenix, AZ 85034-3442; telephone (US & Canada) 800-601-3099, (International) 602-365-3099; Internet <http://www.honeywell.com>.

(4) You may review copies of the service information at the Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington. For information on the availability of this material at the FAA, call 425-227-1221.

(5) You may also review copies of the 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/code_of_federal_regulations/ibr_locations.html.

Issued in Renton, Washington, on March 17, 2010.

Ali Bahrami,
Manager, Transport Airplane Directorate,
Aircraft Certification Service.

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;



FAA
Aviation Safety

AIRWORTHINESS DIRECTIVE

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

2010-07-07 SOCATA: Amendment 39-16252; Docket No. FAA-2009-1256; Directorate Identifier 2009-CE-064-AD.

Effective Date

- (a) This airworthiness directive (AD) becomes effective May 7, 2010.

Affected ADs

- (b) None.

Applicability

- (c) This AD applies to Model TBM 700 airplanes, serial numbers (S/N) 331 through 530, 534, and 539, certificated in any category.

Subject

- (d) Air Transport Association of America (ATA) Code 9: Towing and Taxiing.

Reason

- (e) The mandatory continuing airworthiness information (MCAI) states:

It has been discovered that the foam inside the towing bar box is not conformed to the certification specification, and especially the flame resistance properties.

In case of fire in the front baggage compartment, the non conformed foam could rapidly propagate the flames and/or emit toxic fumes in the cabin.

For the reason stated above the Airworthiness Directive (AD), as a temporary measure, mandates the removal of the foam, pending a foam change.

Actions and Compliance

- (f) Unless already done, within the next 20 hours time-in-service after May 7, 2010 (the effective date of this AD) or within the next 30 days after May 7, 2010 (the effective date of this AD), whichever occurs first, remove the foam from the towing bar stowage box following either SOCATA Mandatory Service Bulletin SB 70-179, dated October 2009, or SOCATA Mandatory Service Bulletin SB 70-179, Amendment 1, dated January 2010.

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;

(g) You may as an option, install new foam pads part number T700C091000610100 in the tow bar storage box following the Accomplishment Instructions of SOCATA Mandatory Service Bulletin SB 70-179, Amendment 1, dated January 2010.

FAA AD Differences

Note: This AD differs from the MCAI and/or service information as follows: No differences.

Other FAA AD Provisions

(h) 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: Albert Mercado, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4119; fax: (816) 329-4090. 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, under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 et seq.), the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

Related Information

(i) Refer to MCAI European Aviation Safety Agency (EASA) AD No.: 2009-0238R1, dated February 11, 2010; SOCATA Mandatory Service Bulletin SB 70-179, dated October 2009, and SOCATA Mandatory Service Bulletin SB 70-179, Amendment 1, dated January 2010, for related information.

Material Incorporated by Reference

(j) You must use either SOCATA Mandatory Service Bulletin SB 70-179, dated October 2009; or SOCATA Mandatory Service Bulletin SB 70-179, Amendment 1, dated January 2010; 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 DAHER-SOCATA, Direction des Services, 65921-TARBES CEDEX 9, France; telephone: +33 (0)5 62.41.73.00; fax: 33 (0)5 62.41.76.54; Internet: <http://mysocata.com>.

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;

(3) You may review copies of the service information incorporated by reference for this AD at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the Central Region, call (816) 329-3768.

(4) You may also review copies of the service information incorporated by reference for this AD 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 March 22, 2010.

James E. Jackson,
Acting Manager, Small Airplane Directorate,
Aircraft Certification Service.

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;



**FAA
Aviation Safety**

AIRWORTHINESS DIRECTIVE

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

2010-07-08 Kelly Aerospace Energy Systems, LLC (formerly Kelly Aerospace Power Systems):
Amendment 39-16253. Docket No. FAA-2009-1259; Directorate Identifier 2009-NE-41-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective April 19, 2010.

Affected ADs

(b) None.

Applicability

(c) This AD applies to certain serial numbers (S/Ns) of Kelly Aerospace Energy Systems, LLC (KAES) rebuilt turbochargers listed by part number (P/N) in the following Table 1 of this AD. The affected S/Ns are listed in Table III of Kelly Aerospace Energy Systems, LLC Service Bulletin (SB) No. 039 A, dated February 10, 2010.

Table 1 – Part Numbers of Rebuilt Turbochargers Affected

406610-9005	406610-9015	406610-9018	406610-9019	406610-9020	406610-9021
406610-9025	406610-9026	406610-9028	406610-9029	406610-9030	406610-9032
407810-9001	406990-9004	408610-9001	409170-9001	409680-9011	465680-9001
465680-9004	465680-9005	465930-9002	465930-9003	465292-9002	465292-9004
465398-9002	407540-9003	466881-9001	466642-9001	466642-9002	466642-9005
466304-9003	600572-9000*	600573-9000*	600574-9001*	600575-9001*	600575-9002*
600576-9000*	600700-9001*	600803-9001*	600803-9002*	N/A	N/A

* P/Ns with an asterisk may have a CF prefix.

These rebuilt turbochargers are installed on, but not limited to, the engines and aircraft listed in Table IV of Kelly Aerospace Energy Systems, LLC SB No. 039 A, dated February 10, 2010.

Unsafe Condition

(d) This AD results from three reports of infant mortality turbine wheel failure in rebuilt turbochargers, since June of 2007. We are issuing this AD to prevent separation or seizure of the turbocharger turbine, which could result in full or partial engine power loss, loss of engine oil, and smoke in the airplane cabin.

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;

Compliance

(e) You are responsible for having the actions required by this AD performed within 10 hours time-in-service after the effective date of this AD, unless the actions have already been done.

Turbocharger Removal From Service

(f) Remove from service the rebuilt turbochargers listed by P/N in paragraph (c) of this AD that have a S/N listed in Table III of Kelly Aerospace Energy Systems, LLC SB No. 039 A, dated February 10, 2010.

Installation Eligibility of Removed Turbochargers

(g) Removed turbochargers listed in Table III of Kelly Aerospace Energy Systems, LLC SB No. 039 A, dated February 10, 2010, are eligible for installation once they are overhauled by an FAA-approved repair station. That overhaul must include replacing the turbine wheels listed by P/N in Table II of Kelly Aerospace Energy Systems, LLC SB No. 039 A, dated February 10, 2010, replacing the turbine wheel mating bushings, and marking the attached Return To Service Tag with this AD number, which is AD 2010-07-08.

Installation Prohibition

(h) After the effective date of this AD, do not install any of the turbochargers listed in Table III of Kelly Aerospace Energy Systems, LLC SB No. 039 A, dated February 10, 2010, unless the turbocharger is overhauled as specified in paragraph (g) of this AD.

Alternative Methods of Compliance

(i) The Manager, Atlanta Aircraft Certification Office, has the authority to approve alternative methods of compliance for this AD if requested using the procedures found in 14 CFR 39.19.

Special Flight Permits

(j) Under 14 CFR 39.23, we are limiting the special flight permits for this AD by the following conditions:

- (1) Use of minimum crew.
- (2) Flight made during daytime, using visual flight rule conditions.
- (3) Maximum flight altitude of 12,000 feet mean-sea-level, based upon terrain.

Related Information

(k) Contact Gary Wechsler, Aerospace Engineer, Propulsion, Atlanta Aircraft Certification Office, 1701 Columbia Avenue, College Park, GA 30337; telephone (404) 474-5575; fax (404) 474-5606, for more information about this AD.

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;

Material Incorporated by Reference

(1) You must use Kelly Aerospace Energy Systems, LLC Service Bulletin No. 039 A, dated February 10, 2010, to determine which turbocharger(s) are affected by this AD. The Director of the Federal Register approved the incorporation by reference of this service bulletin in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Contact Kelly Aerospace Energy Systems, LLC, 2900 Selma Highway, Montgomery, Alabama 36108, telephone (334) 386-5400, fax (334) 386-5450, or go to: <http://www.kellyaerospace.com>, for a copy of this service information. You may review copies at the FAA, New England Region, 12 New England Executive Park, Burlington, MA; 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>.

Issued in Burlington, Massachusetts, on March 23, 2010.

Robert J. Ganley,
Acting Manager, Engine and Propeller Directorate,
Aircraft Certification Service.

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;



**FAA
Aviation Safety**

AIRWORTHINESS DIRECTIVE

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

2010-08-01 Aircraft Industries a.s.: Amendment 39-16256; Docket No. FAA-2010-0357; Directorate Identifier 2010-CE-017-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective April 26, 2010.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Models L 23 Super Blanik gliders, all serial numbers, certificated in any category.

Subject

(d) Air Transport Association of America (ATA) Code 55: Stabilizers.

Reason

(e) The mandatory continuing airworthiness information (MCAI) states:

Cracks on the stabilizer elevator inner hinges of seven L 23 SUPERBLANÍK sailplanes have been detected during an inspection.

This condition, if not corrected, could result in no longer retaining the elevator in place and in jamming of the Pilot's elevator control system, and subsequent loss of elevator control.

For the reasons stated above, this Emergency AD requires the inspection of the elevator inner hinges, and the accomplishment of the relevant corrective actions as necessary.

Actions and Compliance

(f) Unless already done, do the following actions:

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;

(1) Before further flight as of April 26, 2010 (the effective date of this AD), inspect the elevator inner hinges on the stabilizer in accordance with paragraphs A.1., A.2. and A.4. of Aircraft Industries, a.s. Mandatory Bulletin MB No.: L23/052a, dated March 2, 2010.

(2) If, as a result of the inspection required by paragraph (f)(1) of this AD, you find any elevator inner hinge on the elevator is cracked or damaged, before further flight, replace it in accordance with paragraphs A.3. and A.4. of Aircraft Industries, a.s. Mandatory Bulletin MB No.: L23/052a, dated March 2, 2010.

FAA AD Differences

Note: This AD differs from the MCAI and/or service information as follows:

(1) The MCAI and the service information specify that you inspect the elevator inner hinges on the stabilizer, and if you find any elevator inner hinge on the elevator is cracked or damaged, before further flight, replace it. The MCAI also requires you to repetitively inspect the elevator inner hinges on the stabilizer at intervals not to exceed every 1,000 hours time-in-service (TIS).

(2) This AD is considered an interim action because we are not including the mandatory repetitive inspection of the elevator inner hinges on the stabilizer at intervals not to exceed every 1,000 hours TIS. The Administrative Procedure Act does not permit the FAA to "bootstrap" a long-term requirement into an urgent safety of flight action where the rule becomes effective at the same time the public has the opportunity to comment. The short-term action and the long-term action are analyzed separately for justification to bypass prior public notice.

(3) After issuing this AD, we may initiate further AD action (notice of proposed rulemaking followed by a final rule) to require that you repetitively inspect the elevator inner hinges on the stabilizer at intervals not to exceed every 1,000 hours TIS. Credit will be given in any subsequent action for the initial inspection done under this AD.

Other FAA AD Provisions

(g) 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: Greg Davison, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4130; fax: (816) 329-4090. 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, under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 et. seq.), the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

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;

Related Information

(h) Refer to MCAI EASA Emergency AD No.: 2010-0037-E, dated March 8, 2010, and Aircraft Industries, a.s. Mandatory Bulletin MB No.: L23/052a, dated March 2, 2010, for related information.

Material Incorporated by Reference

(i) You must use Aircraft Industries, a.s. Mandatory Bulletin MB No.: L23/052a, dated March 2, 2010, 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 Aircraft Industries, a.s.–Na záhonech 1177, 686 04 Kunovice, Czech Republic; telephone: +420 572 817 660; fax: +420 572 816 112; E-mail: ots@let.cz; Internet: www.let.cz.

(3) You may review copies of the service information incorporated by reference for this AD at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the Central Region, call (816) 329-3768.

(4) You may also review copies of the service information incorporated by reference for this AD 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 March 29, 2010.

Steven R. Thompson,
Acting Manager, Small Airplane Directorate,
Aircraft Certification Service.