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.

Material Incorporated by Reference

(l) 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.kellyaeropace.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.

[FR Doc. 2010–7056 Filed 4–1–10; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; Turbomeca ARRIEL 1B, 1D, 1D1, 2B, and 2B1 Turboshaft Engines

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are revising an existing airworthiness directive (AD) for the products listed above. This AD results from mandatory continuing airworthiness information (MCAI) issued by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as:

During production of Arriel 1 and Arriel 2 Power Turbine (PT) wheels, geometric non-conformities on blade fir tree roots have been detected by Turbomeca. Potentially non-conforming PT blades have been traced as having been installed on Module M04 (PT) listed in Mandatory Service Bulletin (MSB) A292 72 0827 for Arriel 1 engines and A292 72 2833 for Arriel 2 engines.

The geometric non-conformities of the blades may potentially lead to a reduction in the fatigue resistance of PT blades to a lower level than their authorized in service use limit. This reduction of fatigue resistance could potentially result in blade release, which could cause an uncommanded in-flight shutdown.

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

DATES: This AD becomes effective May 7, 2010. The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of May 7, 2010.

ADDRESSES: The Docket Operations office is located at Docket Management Facility, U.S. Department of Transportation, 1200 New Jersey Avenue, SE., West Building Ground Floor, Room W12–140, Washington, DC 20590–0001.

FOR FURTHER INFORMATION 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.

SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an AD that would apply to the specified products. That NPRM was published in the Federal Register on December 23, 2009 (74 FR 68194). That NPRM proposed to correct an unsafe condition for the specified products. The MCAI 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 Turbomeca MSB.

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

Therefore this AD revises AD 2009–0112 and requires establishing the cyclic use limit of these PT blades to 5 000 flight cycles.

For PT blades having reached a number of flight cycles superior or equal to 5 000, removal of Module M04, or PT wheel, assembly, or PT blades is required prior to next flight.

Comments

We gave the public the opportunity to participate in developing this AD. We received no comments on the NPRM or on the determination of the cost to the public.

Conclusion

We reviewed the available data and determined that air safety and the public interest require adopting the AD as proposed.

Differences Between This AD and the MCAI or Service Information

We have reviewed the MCAI and related service information and, in general, agree with their substance. But we required different actions in this AD from those in the MCAI in order to follow FAA policies. Any such differences are described in a separate paragraph of the AD. These requirements take precedence over the actions copied from the MCAI.

Costs of Compliance

Based on the service information, we estimate that this AD will affect about 10 products of U.S. registry. We also estimate that it will take about 8 work-hours per product to comply with this AD. The average labor rate is $80 per work-hour. Required parts will cost about $43,000 per product. Based on
List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

Adoption of the Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 14 CFR part 39 as follows:

PART 39—AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. The FAA amends § 39.13 by removing amendment 39–15881, and adding the following new 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;

(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 Turbomeca MSB.

—Additional testing and analysis had been carried out by Turbomeca 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.

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 remove 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 00 00, fax 33 05 59 74 45 15.

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.
For Further Information Contact: Ben Birkhill, Regulations and Rulings Division, Alcohol and Tobacco Tax and Trade Bureau (202–453–2268 or benjamin.birkhill@ttb.gov).

Supplementary Information:

Background

Section 11125 of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users, Public Law 109–59, 119 Stat. 1144 ("the Act") was signed by the President on August 10, 2005. Section 11125 of the Act amended Chapters 51 and 52 of the Internal Revenue Code of 1986 (IRC), 26 U.S.C., to repeal the provisions covering special (occupational) tax (SOT) on alcohol beverage producers and dealers, tax-free alcoholic products, and persons claiming drawback for the manufacture of nonbeverage alcoholic products.

The Act did not eliminate the recordkeeping and registration requirements that applied to alcohol beverage dealers (including all persons in the business of selling alcohol products fit for beverage use) and nonbeverage drawback claimants prior to the SOT repeal. Further, the Act did not eliminate the SOT and related registration requirements for certain tobacco occupations (manufacturer of tobacco products, manufacturer of cigarette papers and tubes, and export warehouse proprietor).

The Alcohol and Tobacco Tax and Trade Bureau (TTB) is responsible for the administration of the provisions in Chapters 51 and 52 of the IRC relating to these tax, recordkeeping, and registration requirements, including the promulgation of regulations thereunder in chapter 1 of title 27 of the Code of Federal Regulations.

Publication of Temporary Rule

On July 28, 2009, TTB published in the Federal Register (74 FR 37394) a temporary rule, T.D. TTB–79, amending certain provisions in 27 CFR parts 17, 19, 20, 22, 24, 25, 26, 27, 28, 31, 40, 44, 46, and 70. The temporary rule eliminated the regulatory provisions related to the SOT on the producers, dealers, users, and other persons referred to above. The temporary rule also included various amendments relating to registration and recordkeeping in order to clarify the application of these requirements to the persons subject to them.

With regard to tobacco products and cigarettes, the temporary rule added a new subpart D to 27 CFR part 46 (Miscellaneous Regulations Relating to Tobacco Products and Cigarette Papers and Tubes) in order to consolidate in one place the SOT provisions contained in 27 CFR parts 40 (Manufacture of Tobacco Products, Cigarette Papers and Tubes, and Processed Tobacco) and 44 (Exportation of Tobacco Products and Cigarette Papers and Tubes, without Payment of Tax, or with Drawback of Tax). This new subpart D also borrowed regulations from 27 CFR part 31 (Alcohol Beverage Dealers) to reflect SOT policy positions developed through rulemaking involving the alcohol beverage dealer’s tax, including provisions relating to multiple businesses conducted by the same person at the same place, liability of partners, payment of the special tax, special tax stamps, and abatement or refund of special taxes.

In addition, the temporary rule included a number of miscellaneous regulatory amendments to remove no longer needed references to the SOT. The amendments made by T.D. TTB–79 are discussed in more detail in the preamble of that document.

In conjunction with the publication of the temporary rule, TTB also published on July 28, 2009, a notice of proposed rulemaking, Notice No. 96, in the Federal Register (74 FR 37426). This notice invited the submission of public comments on the regulatory amendments contained in the temporary rule, with the comment period closing on September 28, 2009. The Bureau did not receive any comments on the temporary rule in response to Notice No. 96. Accordingly, for the reasons set forth in the preamble of T.D. TTB–79, we have determined that it is appropriate to adopt that temporary rule as a final rule without change.

Regulatory Flexibility Act

We certify that this regulation will not have a significant impact on a substantial number of small entities. Accordingly, a regulatory flexibility analysis is not required. The relevant collections of information derive directly from the Internal Revenue Code...