

That NPRM proposed to revise the existing airworthiness directive (AD) applicable to Rolls-Royce plc (RR) Model RB211 Trent 892, 884, 877, 875, and 892B series turbofan engines. That proposed rule would have required initial and repetitive inspections of the angled drive upper shroud, the intermediate gearbox housing (IGH), and the external gearbox lower bevel box (LBB) housing, and initial and repetitive master magnetic chip detector (MCD) inspections. Since we issued that proposed rule, RR notified us that after reviewing the service experience and the original actions taken, the unsafe condition no longer exists and mandatory actions required by the proposed rule are no longer required. Accordingly, we withdraw the proposed rule.

**FOR FURTHER INFORMATION CONTACT:**

Christopher Spinney, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803; telephone (781) 238-7175; fax (781) 238-7199.

**SUPPLEMENTARY INFORMATION:** The FAA proposed to amend 14 CFR part 39 with a proposed AD. The proposed AD applies to RR Model RB211 Trent 892, 884, 877, 875, and 892B series turbofan engines. We published the proposed AD in the **Federal Register** on November 2, 1999 (64 FR 59137). That proposed action would have required initial and repetitive inspections of the angled drive upper shroud, the intermediate gearbox housing (IGH), and the external gearbox lower bevel box (LBB) housing. In addition, that proposed AD would have required initial and repetitive master magnetic chip detector (MCD) inspections. Also, that proposed AD would have eliminated the repetitive inspections of the IGH, external gearbox LBB housing, and the angled drive upper shroud, if the engines have incorporated modifications described in certain RR service bulletins. Also, that proposed AD would have increased the inspection interval for repetitive master MCD inspections. That proposed AD resulted from service experience since publication of AD 97-06-13. We proposed that AD to prevent loss of oil, which could cause an engine fire, and in-flight engine shutdowns and airplane diversions caused by oil loss and bearing failures.

Since we issued that proposed AD, RR notified us that after reviewing the service experience and the original actions taken, the unsafe condition no longer exists and mandatory actions required by the proposed AD are no longer required.

Upon further consideration, we hereby withdraw the proposed rule based on RR's analysis and conclusion stated above.

Withdrawal of this notice of proposed rulemaking constitutes only such action, and does not preclude the agency from issuing another notice in the future, nor does it commit the agency to any course of action in the future.

Since this action only withdraws a notice of proposed rulemaking, it is neither a proposed nor a final rule. Executive Order 12866, the Regulatory Flexibility Act, or DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979) do not cover this withdrawal.

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Safety.

**The Withdrawal**

Accordingly, we withdraw the notice of proposed rulemaking, Docket No. 97-ANE-09, published in the **Federal Register** on November 2, 1999 (64 FR 59137).

Issued in Burlington, Massachusetts, on April 11, 2006.

**Francis A. Favara,**

*Manager, Engine and Propeller Directorate, Aircraft Certification Service.*

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**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

[Docket No. FAA-2005-21242; Directorate Identifier 2005-NE-09-AD]

**RIN 2120-AA64**

**Airworthiness Directives; Turbomeca Arriel 1B, 1D, 1D1, and 1S1 Turboshaft Engines**

**AGENCY:** Federal Aviation Administration (FAA), Department of Transportation (DOT).

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** The FAA proposes to revise an existing airworthiness directive (AD) for certain Turbomeca Arriel 1B, 1D, 1D1, and 1S1 turboshaft engines. That AD currently requires initial and repetitive position checks of the gas generator 2nd stage turbine blades on all Turbomeca Arriel 1B, 1D, 1D1, and 1S1 turboshaft engines. That AD also currently requires initial and repetitive replacements of 2nd stage turbines on

1B, 1D, and 1D1 engines only. This proposed AD revision would require the same actions, but would relax the compliance times for initially replacing 2nd stage turbines in Arriel 1B, 1D, and 1D1 turboshaft engines. This proposed AD revision results from a request by Turbomeca to clarify the compliance times for 2nd stage turbine initial replacement on Arriel 1D, 1D1, and 1B turboshaft engines. We are proposing this AD revision to clarify and relax the AD compliance times for 2nd stage turbine initial replacement on Arriel 1B, 1D, and 1D1 turboshaft engines. We are also proposing this AD revision to prevent inflight engine shutdown and subsequent forced autorotation landing or accident.

**DATES:** We must receive any comments on this proposed AD revision by June 16, 2006.

**ADDRESSES:** Use one of the following addresses to comment on this proposed AD revision.

- DOT Docket Web site: Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.

- Government-wide rulemaking Web site: Go to <http://www.regulations.gov> and follow the instructions for sending your comments electronically.

- Mail: Docket Management Facility; U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-0001.

- Fax: (202) 493-2251.
- Hand Delivery: Room PL-401 on the plaza level of the Nassif Building, 400 Seventh Street, SW., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

Contact Turbomeca, 40220 Tarnos, France; telephone +33 05 59 74 40 00, fax +33 05 59 74 45 15, for the service information identified in this proposed AD revision.

**FOR FURTHER INFORMATION CONTACT:**

Christopher Spinney, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803; telephone (781) 238-7175, fax (781) 238-7199.

**SUPPLEMENTARY INFORMATION:**

**Comments Invited**

We invite you to send any written relevant data, views, or arguments regarding this proposal. Send your comments to an address listed under **ADDRESSES**. Include "Docket No. FAA-2005-21242; Directorate Identifier 2005-NE-09-AD" in the subject line of your comments. We specifically invite comments on the overall regulatory,

economic, environmental, and energy aspects of the proposed AD. We will consider all comments received by the closing date and may amend the proposed AD in light of those comments.

We will post all comments we receive, without change, to <http://dms.dot.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact with FAA personnel concerning this proposed AD. Using the search function of the DMS Web site, anyone can find and read the comments in any of our dockets, including the name of the individual who sent the comment (or signed the comment on behalf of an association, business, labor union, etc.). You may review the DOT's complete Privacy Act Statement in the **Federal Register** published on April 11, 2000 (65 FR 19477-78) or you may visit <http://dms.dot.gov>.

#### Examining the AD Docket

You may examine the docket that contains the proposal, any comments received and any final disposition in person at the DMS Docket Office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The Docket Office (telephone (800) 647-5227) is located on the plaza level of the Department of Transportation Nassif Building at the street address stated in **ADDRESSES**. Comments will be available in the AD docket shortly after the DMS receives them.

#### Discussion

On January 12, 2006, the FAA issued AD 2006-02-08, Amendment 39-14460 (71 FR 3754, January 24, 2006). The Direction Generale de L'Aviation Civile (DGAC), which is the airworthiness authority for France, notified the FAA that an unsafe condition might exist on Turbomeca, Arriel 1B (modified per TU 148), 1D, 1D1, and 1S1 turboshaft engines. The DGAC advises that sixteen cases of release of gas generator 2nd stage turbine blades occurred in service, with full containment of debris. These events resulted in uncommanded engine in flight shutdowns. Although terminating action is still unavailable, mandatory checks of the turbine blades and replacement of the turbine are being required in order to reduce the probability of an uncommanded engine in flight shutdown. That AD requires initial and repetitive position checks of the gas generator 2nd stage turbine blades on all Turbomeca Arriel 1B, 1D, 1D1, and 1S1 turboshaft engines. That AD also requires initial and repetitive replacements of 2nd stage turbines on

1B, 1D, and 1D1 engines only. That condition, if not corrected, could result in uncommanded engine in flight shutdown.

#### Actions Since AD 2006-02-08 Was Issued

Since that AD 2006-02-08 was issued, Turbomeca asks if our intent is to require initial replacement of all Arriel 1B, 1D, and 1D1 2nd stage turbines by August 31, 2006. Turbomeca states that if so, the compliance time in the AD is too restrictive. Turbomeca requests that we clarify the AD compliance times for 2nd stage turbine initial replacement on Arriel 1B, 1D, and 1D1 turboshaft engines.

We recognize that our intent is not clear in the AD. Our intent is not to require all Arriel 1D, 1D1, and 1B 2nd stage turbine initial replacements by August 31, 2006. Our intent is to require initial replacement of only those Arriel 1B, 1D, and 1D1 2nd stage turbines that are over the hourly limits specified. We are proposing this AD revision to clarify and relax the AD compliance times for 2nd stage turbine initial replacement on Arriel 1B, 1D, and 1D1 turboshaft engines. We are also proposing this AD revision to prevent inflight engine shutdown and subsequent forced autorotation landing or accident.

#### Relevant Service Information

We have reviewed and approved the technical contents of Turbomeca Alert Service Bulletins (ASBs) A292 72 0807, for Arriel 1B post-TU 148; ASB A292 72 0808, for Arriel 1D; ASB A292 72 0809, for Arriel 1D1; and ASB A292 72 0810, for Arriel 1S1, all dated March 24, 2004. These ASBs describe procedures for initial and repetitive position checks of the 2nd stage turbine blades, and replacement of 2nd stage turbines on 1B and 1D1 engines only. The DGAC classified these ASBs as mandatory and issued airworthiness directive F-2004-047, dated March 31, 2004, in order to ensure the airworthiness of these Turbomeca Arriel 1B, 1D, 1D1 and 1S1 turboshaft engines in France.

#### Bilateral Agreement Information

This engine model is manufactured in France and is type certificated for operation in the United States under the provisions of section 21.29 of the Federal Aviation Regulations (14 CFR 21.29) and the applicable bilateral airworthiness agreement. In keeping with this bilateral airworthiness agreement, the DGAC kept us informed of the situation described above. We have examined the findings of the DGAC, reviewed all available information, and determined that AD

action is necessary for products of this type design that are certificated for operation in the United States.

#### FAA's Determination and Requirements of the Proposed AD Revision

We have evaluated all pertinent information and identified an unsafe condition that is likely to exist or develop on other products of this same type design. We are proposing this AD revision, which would require:

- Initial and repetitive position checks of the 2nd stage turbine blades on Turbomeca Arriel 1B, 1D, 1D1, and 1S1 turboshaft engines.
- Replacement of 2nd stage turbines on 1B and 1D1 engines only.
- Initially replacing 2nd stage turbines in Arriel 1B, 1D, and 1D1 turboshaft engines at relaxed compliance times.

The proposed AD revision would require that you do these actions using the service information described previously.

#### Costs of Compliance

We estimate that this proposed AD revision would affect 721 engines installed on helicopters of U.S. registry. We also estimate that it would take about 2 workhours per engine to inspect all 721 engines and 40 workhours per engine to replace about 571 2nd stage turbines on 1B and 1D1 engines, and that the average labor rate is \$80 per work hour. Required parts would cost about \$3,200 per engine. Based on these figures, we estimate the total cost of the proposed AD revision to U.S. operators to be \$4,249,760.

#### Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. Subtitle VII, Aviation Programs, describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in subtitle VII, part A, subpart III, section 44701, "General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

**Regulatory Findings**

We have determined that this proposed AD revision would not have federalism implications under Executive Order 13132. This proposed AD revision would not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify that the proposed regulation:

1. Is not a "significant regulatory action" under Executive Order 12866;
2. Is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and
3. Would not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

We prepared a regulatory evaluation of the estimated costs to comply with this proposed AD revision. See the **ADDRESSES** section for a location to examine the regulatory evaluation.

**List of Subjects in 14 CFR Part 39**  
Air transportation, Aircraft, Aviation safety, Safety.

**The Proposed Amendment**

Accordingly, under the authority delegated to me by the Administrator,

the Federal Aviation Administration proposes to amend 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 39-14460 (71 FR 3754, January 24, 2006) and by adding a new airworthiness directive, to read as follows:

**Turbomeca:** Docket No. FAA-2005-21242; Directorate Identifier 2005-NE-09-AD.

**Comments Due Date**

(a) The Federal Aviation Administration (FAA) must receive comments on this airworthiness directive (AD) action by June 16, 2006.

**Affected ADs**

(b) This AD revises AD 2006-02-08, Amendment 39-14460.

**Applicability**

(c) This AD revision applies to Turbomeca Arriel 1B engines fitted with 2nd stage turbine modification TU 148, and Arriel 1D, 1D1, and 1S1 engines. Arriel 1B engines are installed on, but not limited to, Eurocopter France AS-350B and AS-350A "Ecureuil" helicopters. Arriel 1D engines are installed

on, but not limited to, Eurocopter France AS-350B1 "Ecureuil" helicopters. Arriel 1D1 engines are installed on, but not limited to, Eurocopter France AS-350B2 "Ecureuil" helicopters. Arriel 1S1 engines are installed on, but not limited to, Sikorsky Aircraft S-76A and S-76C helicopters.

**Unsafe Condition**

(d) This AD revision results from a request by Turbomeca to clarify the compliance times for 2nd stage turbine initial replacement on Arriel 1B, 1D, and 1D1 turboshaft engines. We are issuing this AD revision to clarify and relax the AD compliance times for 2nd stage turbine initial replacement on Arriel 1B, 1D, and 1D1 turboshaft engines. We are also issuing this AD revision to prevent inflight engine shutdown and subsequent forced autorotation landing or accident.

**Compliance**

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

**Initial Relative Position Check of 2nd Stage Turbine Blades**

(f) Do an initial relative position check of the 2nd stage turbine blades using the Turbomeca mandatory alert service bulletins (ASBs) specified in the following Table 1. Do the check before reaching any of the intervals specified in Table 1 or within 50 hours time-in-service after the effective date of this AD, whichever occurs later.

TABLE 1.—INITIAL AND REPETITIVE RELATIVE POSITION CHECK INTERVALS OF 2ND STAGE TURBINE BLADE

Turbomeca engine model	Initial relative position check interval	Repetitive interval	Mandatory alert service bulletin
Arriel 1B (modified per TU 148) ....	Within 1,200 hours time-since-new (TSN) or time-since-overhaul (TSO) or 3,500 cycles-since-new (CSN) or cycles-since-overhaul (CSO), whichever occurs earlier.	Within 200 hours time-in-service-since-last-relative-position-check (TSLRPC).	A292 72 0807, dated March 24, 2004.
Arriel 1D1 and Arriel 1D .....	Within 1,200 hours TSN or TSO or 3,500 hours CSN or CSO, whichever occurs earlier.	Within 150 hours TSLRPC .....	A292 72 0809, Update No. 1, dated October 4, 2005.
Arriel 1S1 .....	Within 1,200 hours TSN or TSO or 3,500 hours CSN or CSO, whichever occurs earlier.	Within 150 hours TSLRPC .....	A292 72 0810, dated March 24, 2004.

**Repetitive Relative Position Check of 2nd Stage Turbine Blades**

(g) Recheck the relative position of 2nd stage turbine blades at the TSLRPC intervals specified in Table 1 of this AD, using the mandatory ASBs indicated.

**Credit for Previous Relative Position Checks**

(h) Relative position checks of 2nd stage turbine blades done using Turbomeca Service Bulletin A292 72 0263, Update 1, 2, 3, or 4, may be used to show compliance with the initial requirements of paragraph (f) of this AD.

**Initial Replacement of 2nd Stage Turbines on Arriel 1B, 1D, and 1D1 Engines**

(i) Initially replace the 2nd stage turbine with a new or overhauled 2nd stage turbine as follows:

(1) On or before August 31, 2006, replace the 2nd stage turbine with a new or overhauled 2nd stage turbine:

(i) As soon as practicable after accumulating 1,500 hours TSN or TSO for Arriel 1D and 1D1 engines.

(ii) As soon as practicable after accumulating 2,200 hours TSN or TSO for Arriel 1B engines.

(2) After August 31, 2006, replace the 2nd stage turbine with a new or overhauled 2nd stage turbine:

(i) Before accumulating 1,500 hours TSN or TSO for Arriel 1D and 1D1 engines.

(ii) Before accumulating 2,200 hours TSN or TSO for Arriel 1B engines.

**Repetitive Replacements of 2nd Stage Turbines on Arriel 1B, 1D, and 1D1 Engines**

(j) Thereafter, replace the 2nd stage turbine with a new or overhauled 2nd stage turbine within every 1,500 hours TSN or TSO for Arriel 1D and 1D1 engines, and within every 2,200 hours TSN or TSO for Arriel 1B engines.

**Criteria for Overhauled 2nd Stage Turbines**

(k) Do the following to overhauled 2nd stage turbines, referenced in paragraphs (i) and (j) of this AD:

(1) You must install new blades in the 2nd stage turbines of overhauled Arriel 1D and 1D1 engines.

(2) You may install either overhauled or new blades in the 2nd stage turbines of overhauled Arriel 1B engines.

**Relative Position Check Continuing Compliance Requirements**

(l) All 2nd stage turbines, including those that are new or overhauled, must continue to comply with relative position check requirements of paragraphs (f) and (j) of this AD.

**Alternative Methods of Compliance**

(m) The Manager, Engine 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.

**Related Information**

(n) DGAC airworthiness directive F-2004-047 R1, dated October 26, 2005, also addresses the subject of this AD.

**Material Incorporated by Reference**

(o) You must use the service information specified in Table 2 of this AD to perform the actions required by this AD. The Director of the **Federal Register** previously approved the incorporation by reference of the documents

listed in Table 2 of this AD in accordance with 5 U.S.C. 552(a) and 1 CFR part 51, as of February 28, 2006 (71 FR 3754, January 24, 2006). Contact Turbomeca, 40220 Tarnos, France; telephone +33 05 59 74 40 00, fax +33 05 59 74 45 15, for a copy of this service information. You may review copies at the Docket Management Facility; U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-0001, on the Internet at <http://dms.dot.gov>, 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 2.—INCORPORATION BY REFERENCE

Turbomeca mandatory alert service bulletin No.	Page	Update No.	Date
A292 72 0807, Total Pages: 17 .....	ALL .....	Original .....	March 24, 2004.
A292 72 0809, Total Pages: 18 .....	ALL .....	1 .....	October 4, 2005.
A292 72 0810, Total Pages: 14 .....	ALL .....	Original .....	March 24, 2004.

Issued in Burlington, Massachusetts, on April 11, 2006.

**Francis A. Favara,**

*Manager, Engine and Propeller Directorate, Aircraft Certification Service.*

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**DEPARTMENT OF COMMERCE**

**Bureau of Industry and Security**

**15 CFR Part 700**

[Docket No. 060215037-6037-01]

**Defense Priorities and Allocations System (DPAS): Metalworking Machines**

**AGENCY:** Bureau of Industry and Security, U.S. Department of Commerce.  
**ACTION:** Notice of inquiry.

**SUMMARY:** The Bureau of Industry and Security (BIS) is seeking public comments on the impact of the Defense Priorities and Allocations System (DPAS) set-aside for metalworking machines on industry (15 CFR 700.31). This notice of inquiry is part of an effort to collect information to assist in the preparation of revisions to the DPAS regulation (15 CFR part 700), including the possible elimination of the metalworking machines set-aside.

**DATES:** Comments must be received by May 17, 2006.

**ADDRESSES:** You may submit comments by any of the following methods:

- *E-mail:* [DPAS@bis.doc.gov](mailto:DPAS@bis.doc.gov). Include the phrase "Metalworking Machines Notice of Inquiry" in the subject line;

- *Fax:* (202) 482-5650 (Attn: Michael Vaccaro);

- *Mail or Hand Delivery/Courier:* Michael Vaccaro, U.S. Department of Commerce, Bureau of Industry and Security, Office of Strategic Industries and Economic Security, 1401 Constitution Avenue, NW., Room 3876, Washington, DC 20230.

**FOR FURTHER INFORMATION CONTACT:** Liam McMenamin, Office of Strategic Industries and Economic Security, U.S. Department of Commerce, Phone: (202) 482-2233.

**SUPPLEMENTARY INFORMATION:**

**Background**

Under Title I of the Defense Production Act of 1950, as amended, (50 U.S.C. App. 2061, *et seq.*), the President is authorized to require preferential acceptance and performance of contracts or orders supporting certain approved national defense and energy programs, and to allocate materials, services, and facilities in such a manner as to promote these approved programs. Additional priorities authority is found in section 18 of the Selective Service Act of 1948 (50 U.S.C. App. 468), 10 U.S.C. 2538, and 50 U.S.C. 82. DPAS authority has also been extended to support emergency preparedness activities under Title VI of the Robert T. Stafford Disaster Relief Act and Emergency Assistance Act, as amended (45 U.S.C. 5914, *et seq.*) The President delegated DPAS authority to the Department of Commerce in Executive Order 12919 (June 3, 1994), and it was

subsequently redelegated to the Bureau of Industry and Security.

Originally published in 1984, the DPAS regulation was revised on June 11, 1998 (63 FR 31918) to update, streamline, and clarify a number of provisions. Allocations rules like the DPAS (*i.e.*, controlled materials programs) were established in response to previous periods of national security emergency such as the Second World War and the Korean conflict to assure the availability of any scarce and critical item for approved programs. The basic elements of the controlled materials programs were set-asides (the amount of an item for which a producer or supplier must reserve order-book space in anticipation of the receipt of rated orders), production directives (requiring a producer to supply a specific quantity, size, shape, and type of an item within a specific time period), and allotments (the maximum quantity of an item authorized for use in a specific program or application).

**Discussion and Request for Comments**

Currently, the DPAS regulation includes a set-aside that applies to metalworking machines. Section 700.31 of the DPAS regulation states as follows:

"(c) A metalworking machine producer is not required to accept DO rated orders calling for delivery in any month of a total quantity of any size of machine in excess of 60 percent of scheduled production of that size of machine for that month, or any DO rated orders received less than three months prior to the beginning of the month for which delivery is requested. However, DX rated orders must be accepted without regard to a set-aside or the lead time, if delivery can be made by the required date."