Table 1 to Paragraph (c)—New Reduced Cyclic Life Limits for High-Pressure (HP)/Intermediate-Pressure (IP) Turbine Discs

<table>
<thead>
<tr>
<th>Engine</th>
<th>P/Ns</th>
<th>S/Ns</th>
<th>New reduced cyclic life limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>RB211 Trent 768–60, 772–60, and 772B–60</td>
<td>FK26893</td>
<td>LDRCZ19901</td>
<td>8,687 FCs.</td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20081</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20082</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20084</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20088</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20089</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20090</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20093</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20094</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20097</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20099</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK26893</td>
<td>LDRCZ20100</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK20795 or FW53118</td>
<td>LDREB12176</td>
<td>9,270 FCs.</td>
</tr>
<tr>
<td></td>
<td>FK20795 or FW53118</td>
<td>LDREB12177</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK20795 or FW53118</td>
<td>LDREB12178</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK20795 or FW53118</td>
<td>LDREB12179</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FK20795 or FW53118</td>
<td>LDREB12180</td>
<td></td>
</tr>
</tbody>
</table>

(d) Reason
This AD was prompted by a report of an HP disc contaminated with a steel inclusion. We are issuing this AD to prevent failure of the HP or IP turbine disc, uncontained engine failure, and damage to the airplane.

(e) Actions and Compliance
Comply with this AD within the compliance times specified, unless already done.

1. Remove from service, within 30 days, any HP or IP disc identified in Table 1 to paragraph (c) of this AD that has exceeded the new cyclic life limit, or before the disc accumulates flight cycles that equal the new reduced cyclic life limit listed in Table 1 to paragraph (c) of this AD, whichever is later.

(f) Alternative Methods of Compliance (AMOCs)
The Manager, Engine Certification Office, may approve AMOCs for this AD. Use the procedures found in 14 CFR 39.19 to make your request.

(g) Related Information


(3) Rolls-Royce plc, Alert Non-Modification Service Bulletin No. RB.211–72–AH125, dated December 6, 2012 and RB.211–72–AH152, Revision 1, dated July 3, 2013, which are not incorporated by reference in this AD, can be obtained from RR using the contact information in paragraph (g)(4) of this AD.

(4) For service information identified in this AD, contact Rolls-Royce plc, Corporate Communications, P.O. Box 31, Derby, DE24 8BJ, UK; phone: 44–0–1332–242424; fax: 44–0–1332–249936; email: http://www.rolls-royce.com/contact/civil_team.jsp.

(5) You may view this service information at the FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA. For information on the availability of this material at the FAA, call 781–238–7125.

(h) Material Incorporated by Reference
None.

Issued in Burlington, Massachusetts, on November 8, 2013.

Colleen M. D’Alessandro,
Assistance Director Manager, Engine & Propeller Directorate, Aircraft Certification Service.

[FR Doc. 2013–28221 Filed 11–25–13; 8:45 am]
blades is proven to contribute to fan flutter, a risk that is mitigated by regular restoration of the leading edge of these blades. Recently, Rolls-Royce has conducted a review regarding the in-service restoration of the leading edge profile of LP compressor blades. The results of this review concluded that not all LP compressor blades have been restored as intended.

This condition, if not corrected, could lead to fan flutter, LP compressor blade cracking and uncontained LP compressor blade failures, possibly resulting in damage to, and reduced contrail of the aeroplane. For the reasons described above, this AD requires initial and repetitive leading edge restoration of the LP compressor blades.

You may obtain further information by examining the MCAI in the AD docket on the Internet at http://www.regulations.gov by searching for and locating it in Docket No. FAA–2013–0880.

Relevant Service Information

RR has issued Alert Non-Modification Service Bulletin No. RB.211–72–AH149, Revision 1, dated May 3, 2013 and RB.211–72–H464, dated August 28, 2013. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

FAA’s Determination and Requirements of This AD

This product has been approved by the aviation authority of the United Kingdom and is approved for operation in the United States. Pursuant to our bilateral agreement with the European Community, EASA has notified us of the unsafe condition described in the MCAI and service information referenced above. We are issuing this AD because we evaluated all information provided by EASA and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design.

FAA’s Determination of the Effective Date

No domestic operators use this product. Therefore, we find that notice and opportunity for prior public comment are unnecessary and that good cause exists for making this amendment effective in less than 30 days.

Comments Invited

This AD is a final rule that involves requirements affecting flight safety, and we did not precede it by notice and opportunity for public comment. We invite you to send any written relevant data, views, or arguments about this AD. Send your comments to an address provided in the ADDRESSES section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT:

SUPPLEMENTARY INFORMATION:

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA Airworthiness Directive 2013–0214, dated September 16, 2013 (referred to herein after as “the MCAI”), to correct an unsafe condition for the specified products. The MCAI states:

Erosion of the leading edge profile of Trent 500 engines’ low pressure (LP) compressor
or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this AD:

(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),
(3) Will not affect intrastate aviation in Alaska to the extent that it justifies making a regulatory distinction, and
(4) Will 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 AD and placed it in the AD docket.

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

§ 39.13 [Amended]

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 adding the following new airworthiness directive (AD):


(a) Effective Date

This AD is effective December 11, 2013.

(b) Affected ADs

None.

(c) Applicability


(d) Reason

This AD was prompted by reports of erosion of the leading edge profile of the low-pressure (LP) compressor blade set contributing to fan blade flutter. We are issuing this AD to prevent failure of the LP compressor blades, which could lead to an uncontained engine failure and damage to the airplane.

(e) Actions and Compliance

Comply with this AD within the compliance times specified, unless already done.

(1) If on the effective date of this AD, the LP compressor fan blades:

(i) Have less than 3,750 flight cycles since new (FCSN) or flight cycles since last leading edge profile blade repair (FCSLR), replace or repair the LP compressor fan blade set before accumulating 4,000 FCSN or FCSLR;

(ii) Have 3,750 or more FCSN or FCSLR, but less than 4,400 FCSN or FCSLR, replace or repair the LP compressor fan blade set within 250 flight cycles (FC), but not later than 5,400 FCSN or FCSLR;

(iii) Have 4,400 FCSN or FCSLR, or more, replace or repair the LP compressor fan blade set within 100 FC; or

(iv) Have FCSN or FCSLR that are unknown, replace or repair the LP compressor fan blade set within 100 FC;

(2) Thereafter, replace or repair the LP compressor fan blade set within every 4,000 FCSN or FCSLR.

(f) Definition

LP compressor fan blades eligible for installation are:

(1) LP compressor fan blades with less than 4,000 FCSN; or

(2) LP compressor fan blades with less than 4,000 FCSN, if LP compressor fan blades were repaired using RR Alert Non-Modification Service Bulletin No. RB.211–72–AH149, Revision 1, dated May 3, 2013 or earlier version or, for initial restoration only, RB.211–72–H464, dated August 28, 2013.

(g) Alternative Methods of Compliance (AMOCs)

The Manager, Engine Certification Office, FAA, may approve AMOCs to this AD. Use the procedures found in 14 CFR 39.19 to make your request.

(h) Related Information

(1) For more information about this AD, contact Frederick Zink, Aerospace Engineer, Engine Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803; phone: 781–238–7779; fax: 781–238–7199; email: frederick.zink@faa.gov.


(3) Rolls-Royce plc: Alert Non-Modification Service Bulletin No. RB.211–72–AH149, Revision 1, dated May 3, 2013 and RB.211–72–H464, dated August 28, 2013, which are not incorporated by reference in this AD, can be obtained from RR, using the contact information in paragraph (h)(4) of this AD.

(4) For service information identified in this AD, contact Rolls-Royce plc, Corporate Communications, P.O. Box 31, Derby, DE24 8BJ, UK; phone: 44–0–1332–242424; fax: 44–0–1332–249936; email: http://www.rolls-royce.com/contact/civil_team.jsp.

(5) You may view this service information at the FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA. For information on the availability of this material at the FAA, call 781–238–7125.

(i) Material Incorporated by Reference

None.

Issued in Burlington, Massachusetts, on November 8, 2013.

Colleen M. D’Alessandro,
Assistant Directorate Manager, Engine & Propeller Directorate, Aircraft Certification Service.

[FR Doc. 2013–28178 Filed 11–25–13; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30930; Amdt. No. 3565]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This rule establishes, amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective November 26, 2013. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of November 26, 2013.

ADDRESSES: Availability of matter incorporated by reference in the amendment is as follows:

For Examination—

1. FAA Rules Docket, FAA Headquarters Building, 800 Independence Avenue SW., Washington, DC 20591;