
(d) Reason

This AD was prompted by a Trent 900 engine experiencing low-pressure turbine (LPT) stage 2 disk interface seal material loss and increased low-pressure rotor vibration while in flight. We are issuing this AD to prevent cracks in the LPT disk, which could result in uncontained engine failure and damage to the airplane.

(e) Actions and Compliance

Unless already done, do the following.

(1) After every flight after the effective date of this AD, review the Engine Health Monitoring (EHM) low-pressure rotor (N1) vibration data. If you find that the maximum and average vibrations exceed 0.7 inches/sec (ips) and 0.5 ips, respectively, then within 10 engine flight cycles, confirm that the vibration data was not the result of indicator error.

(2) If you cannot show that the vibration increase was caused by indicator error, inspect the LPT disk seal fins and interstage seals. Use RR Repeater Technical Variance 125060, Issue 1, dated July 27, 2012, to do the inspections.

(3) After the effective date of this AD, at each engine shop visit inspect the LPT disk seal fins and interstage seals. Use RR Alert Non-Modification Service Bulletin RB.211–72–AH054, Revision 1, dated November 5, 2012, or Initial Issue, dated September 14, 2012, to do the inspections.

(4) If, during the inspection required by paragraphs (e)(2) or (e)(3) of this AD, you find any cracks in the disk seal fins or that the interstage seals are missing seal material, replace the parts with hardware eligible for installation before returning the engine to service.

(f) Definitions

For the purposes of this AD, a shop visit is defined as whenever engine maintenance performed prior to reinstallation requires one of the following:

(1) Separation of a pair of major mating engine module flanges. However, separation of flanges solely for the purpose of shipment without subsequent internal maintenance is not a shop visit. Separation of the external gearbox engine mating flanges or removal of the external gearbox is also not classified as a shop visit.

(2) Removal of a disk, hub, or spool.

(g) Credit for Previous Actions

If you took corrective action before the effective date of this AD in accordance with RR Repeater Technical Variance 125658, Issue 2, dated August 14, 2012, for detected excessive vibration, you met the inspection requirements of this AD.

(h) 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.

(i) Related Information


(2) Refer to MCAI European Aviation Safety Agency AD 2012–0220, dated October 22, 2012.

(j) Material Incorporated by Reference

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

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(3) You may view this service information at FAA, FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA. For information on the availability of this material at FAA, call 781–238–7754 or email: http://www.roolls-royce.com/contact/civil_team.jsp.

(4) You may view this service information at NASA, Goddard Space Flight Center, 202–741–6030, or go to: http://www.nasa.gov.

(5) You may view this service information at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 781–238–7125.


DEPARTMENT OF HOMELAND SECURITY

Coast Guard

33 CFR Part 117

[USCG–2013–0031]

Drawbridge Operating Regulations;
Gulf Intracoastal Waterway, Belle Chasse, LA

AGENCY: Coast Guard, DHS.

ACTION: Notice of deviation from drawbridge regulation.

SUMMARY: The Coast Guard has issued a temporary deviation from the operating schedule that governs the Louisiana State Route 23 (LA 23) vertical lift span bridge, also known as the Judge Perez Bridge, across the Gulf Intracoastal Waterway (Algiers Alternate Route), mile 3.8, at Belle Chasse, Plaquemines Parish, Louisiana. This deviation is necessary to repair bridge machinery and to replace the wire ropes of the bridge. This deviation allows the bridge to remain closed to navigation for eight consecutive days in order to perform scheduled maintenance.

DATES: This deviation is effective from 6 a.m. on Sunday, February 24, 2013, until 6 a.m. on Monday, March 4, 2013.

ADDRESSES: The docket for this notice, docket number USCG–2013–0031, is available online. To view it, go to http://www.regulations.gov, type the docket number in the “SEARCH” box and click “SEARCH.” Click on Open Docket Folder on the line associated with this notice of deviation. You may also visit the Docket Management Facility in Room W12–140 on the ground floor of