

2011-06-06 R1 Eclipse Aerospace, Inc.: Amendment 39-16890; Docket No. FAA-2011-0199; Directorate Identifier 2011-CE-005-AD.

(a) Effective Date

This AD is effective January 23, 2012.

(b) Affected ADs

This AD revises AD 2011-06-06, Amendment 39-16631 (76 FR 13078, March 10, 2011).

(c) Applicability

This AD applies to Eclipse Aerospace, Inc. Model EA500 airplanes, all serial numbers, that are:
(1) Equipped with Pratt & Whitney Canada, Corp. Model PW610F-A engines, all serial numbers up to and including serial number PCE-LA0583; and
(2) Certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC)/Air Transport Association (ATA) of America Code 72, Engine.

(e) Unsafe Condition

This AD was prompted by several incidents of engine surge. We are issuing this AD to prevent hard carbon buildup on the static vane, which could result in engine surges. Engine surges may result in a necessary reduction in thrust and decreased power for the affected engine. In some cases, this could result in flight and landing under single-engine conditions. It is also possible this could affect both engines at the same time, requiring dual-engine shutdown.

(f) Compliance

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

(g) Action Retained from AD 2011-06-06, Amendment 39-16631 (76 FR 13078, March 10, 2011)

(1) Before further flight after March 21, 2011 (the effective date retained from AD 2011-06-06), incorporate the following language into Section 2, Limitations, of your airplane flight manual (AFM): "Per AD 2011-06-06, LIMIT THE MAXIMUM OPERATING ALTITUDE TO 30,000 FEET (9144M) PRESSURE ALTITUDE."

(2) A person holding at least a private pilot certificate as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7) may insert the operating limitations into Section 2, Limitations, of the AFM. Make an entry into the aircraft logbook showing compliance with this portion of the AD in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).

(3) You may incorporate paragraph (g) of this AD into Section 2, Limitations, of your AFM to comply with this AD.

(h) Optional Action To Restore Original Certificated Maximum Operating Altitude

(1) You may, at any time after compliance with paragraph (g) of this AD, on both engines replace the turbofan engine combustion chamber liner assembly with one that has inner and outer liner assemblies that include heat shields. Do the replacements in accordance with Pratt & Whitney Canada Service Bulletin P&WC S.B. No. 60077, dated June 1, 2011. This includes the change to the weight and balance in paragraph 1.H. in the service bulletin.

(2) Before further flight after doing the replacement specified in paragraph (h)(1) of this AD, remove the limitation required in paragraph (g)(1) of this AD.

(3) Within 30 days after doing the replacement specified in paragraph (h)(1) of this AD or within 30 days after January 23, 2012 (the effective date of this AD), whichever occurs later, send a memo or email to Eric Kinney at the address specified in paragraph (k) of this AD notifying him of the completion of the replacement. In this notification, include the airplane serial number, engine serial numbers, and time-in-service (TIS) hours at the time of replacement.

(i) Paperwork Reduction Act Burden Statement

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2120-0056. Public reporting for this collection of information is estimated to be approximately 5 minutes per response, including the time for reviewing instructions, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW., Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.

(j) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Fort Worth Airplane Certification Office (ACO), FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the ACO, send it to the attention of the person identified in the Related Information section of this AD.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(3) AMOCs approved for AD 2011-06-06, Amendment 39-16631 (76 FR 13078, March 10, 2011) are approved as AMOCs for this AD.

(k) Related Information

For more information about this AD, contact Eric Kinney, Aerospace Engineer, Fort Worth ACO, FAA, 2601 Meacham Blvd., Fort Worth, Texas 76137; telephone: (817) 222-5459; fax: (817) 222-5960; email: eric.kinney@faa.gov.

(I) Material Incorporated by Reference

(1) You must use Pratt & Whitney Canada Service Bulletin P&WC S.B. No. 60077, dated June 1, 2011, to do the actions required by this AD, unless the AD specifies otherwise. The Director of the Federal Register approved the incorporation by reference (IBR) under 5 U.S.C. 552(a) and 1 CFR part 51 on January 23, 2012.

(2) For service information identified in this AD, contact Pratt & Whitney Canada, 1000 Marie-Victorin Blvd., Longueuil, Quebec, J4G 1A1 Canada; telephone: (800) 268-8000; Internet: <http://www.P&WC.ca>.

(3) You may review copies of the service information at the FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

(4) 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 an NARA facility, call (202) 741-6030, or go to http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.