

2010-17-15 Hawker Beechcraft Corporation (Type Certificate No. A00010WI Previously Held By Raytheon Aircraft Company): Amendment 39-16407; Docket No. FAA-2010-0523; Directorate Identifier 2010-CE- 018-AD.

Effective Date

(a) This AD becomes effective on September 29, 2010.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Model 390 airplanes, serial numbers RB-4 through RB-257, RB-259 through RB-265, RB-268, and RB-269, that are certificated in any category.

Subject

(d) Air Transport Association of America (ATA) Code 24: Electric Power.

Unsafe Condition

(e) This AD results from reports that starter generators with deficient armature insulating materials may have been installed on certain airplanes. We are issuing this AD to detect and replace starter generators with deficient armature insulating materials. This condition could result in the loss of operation of one or both starter generators with consequent loss of all non-battery electrical power.

Compliance

(f) To address this problem, you must do the following, unless already done:

Actions	Compliance	Procedures
(1) Inspect both starter generators for a starter generator with an affected serial number.	Within the next 25 hours time-in-service (TIS) after September 29, 2010 (the effective date of this AD).	Follow Hawker Beechcraft Mandatory Service Bulletin SB 24-3963, dated May 2009; and AMETEK Advanced Industries, Inc. Mandatory Service Bulletin - Number: 2009-0414, dated April 2009.
(2) If only one suspect starter generator with an affected serial number is found on the airplane during the inspection required in paragraph (f)(1) of this AD, replace the starter generator.	Replace the starter generator at whichever of the following times occurs first after the inspection where the affected starter generator is found: (i) Within the next 200 hours TIS;	Follow Hawker Beechcraft Mandatory Service Bulletin SB 24-3963, dated May 2009; and AMETEK Advanced Industries, Inc. Mandatory Service Bulletin - Number: 2009-0414, dated April 2009.

	<p>(ii) The next scheduled inspection; or</p> <p>(iii) Within the next 6 months.</p>	
<p>(3) If two starter generators with an affected serial number are found during the inspection required in paragraph (f)(1) of this AD, replace both starter generators.</p>	<p>Replace one starter generator within the next 25 hours TIS after the inspection where the affected starter generator was found. Replace the second starter generator at whichever of the following times occurs first after the inspection where the affected starter generator is found:</p> <p>(A) Within the next 200 hours TIS;</p> <p>(B) The next scheduled inspection; or</p> <p>(C) Within the next 6 months.</p>	<p>Follow Hawker Beechcraft Mandatory Service Bulletin SB 24-3963, dated May 2009; and AMETEK Advanced Industries, Inc. Mandatory Service Bulletin - Number: 2009-0414, dated April 2009.</p>
<p>(4) Use the form (Figure 1 of this AD) to report the results of the inspections required in paragraph (f)(1) of this AD. The Office of Management and Budget (OMB) approved the information collection requirements contained in this regulation under the provisions of the Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq.) and assigned OMB Control Number 2120-0056.</p>	<p>Within 10 days after the inspection required in paragraph (f)(1) of this AD.</p>	<p>Send the report to the FAA at the address specified in paragraph (g) of this AD.</p>

FAA-2010-0523 INSPECTION REPORT

(If the inspection required in paragraph (f)(1) of this AD was done before [INSERT DATE 35 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER] (the effective date of this AD), this report does not need to be completed and returned to the Wichita ACO)

Airplane Model		
Airplane Serial Number		
Airplane Tachometer Hours at Time of Inspection		
Right Hand Starter Generator serial number		
Left Hand Starter Generator serial number		
Does the RH Starter Generator fall within the suspect lot?	No	If yes, replace and document replacement starter generator serial number
Does the LH Starter Generator fall within the suspect lot?	No	If yes, replace and document replacement starter generator serial number
If both Starter Generators serial numbers fell within the suspect lot, was only one Starter Generator replaced?	No	If yes, describe and document which starter generator needs to be replaced.
Were any other discrepancies noticed during the inspection?		

Send report to:
 Kevin Schwemmer, Aerospace Engineer
 FAA, Wichita Aircraft Certification Office
 1801 Airport Road, Room 100
 Wichita, KS 67209
fax: (316) 946-4107
email: kevin.schwemmer@faa.gov

Figure 1

Alternative Methods of Compliance (AMOCs)

(g) The Manager, Wichita Aircraft Certification Office (ACO), FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Kevin Schwemmer, Aerospace Engineer, FAA, Wichita ACO, 1801 Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946- 4174; fax: (316) 946-4107; e-mail: kevin.schwemmer@faa.gov. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

Material Incorporated by Reference

(h) You must use Hawker Beechcraft Mandatory Service Bulletin SB 24-3963, dated May 2009; and AMETEK Advanced Industries, Inc. Mandatory Service Bulletin--Number: 2009-0414, dated April 2009, 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 Hawker Beechcraft Corporation, 9709 East Central, Wichita, Kansas 67201; telephone: (316) 676-5034; fax: (316) 676-6614; Internet: https://www.hawkerbeechcraft.com/service_support/pubs/.

(3) You may review copies of the service information incorporated by reference for this AD at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the Central Region, call (816) 329-3768.

(4) You may also review copies of the service information incorporated by reference for this AD 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/code_of_federal_regulations/ibr_locations.html.