

2010-05-10 Hawker Beechcraft Corporation (Type Certificate Previously Held by Raytheon Aircraft Company): Amendment 39-16220; Docket No. FAA-2009-1180; Directorate Identifier 2009-CE-060-AD.

Effective Date

(a) This AD becomes effective on April 8, 2010.

Affected ADs

(b) None.

Applicability

(c) This AD applies to the following airplane models and serial numbers that are certificated in any category:

Models	Serial Numbers
B300	FL-381, FL-383 through FL-530, FL- 532, FL-534 through FL-596, FL-598, and FL-600.
B300C	FM-12 through FM-25

Subject

(d) Air Transport Association of America (ATA) Code 31: Instruments.

Unsafe Condition

(e) This AD results from reports of the left and right pitot heat annunciators not illuminating for an inoperative pitot heat condition. We are issuing this AD to detect and correct the installation of an incorrect bus bar, which could result in failure of the pitot heat annunciators to illuminate. This failure could lead to moisture freezing on the pitot tube(s) and cause erroneous flight instrument indication.

Compliance

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

Actions	Compliance	Procedures
(1) Do an operational check of the left and right pitot heat annunciators for illumination.	Within the next 15 hours time-in-service (TIS) after April 8, 2010 (the effective date of this AD) or within the next 30 days after April 8, 2010 (the effective date of this AD), whichever occurs first.	Follow Hawker Beechcraft Mandatory Service Bulletin SB 31-3948, Issued: April 2009.

<p>(2) If the left and/or right pitot heat annunciators do not illuminate, install a placard on the instrument panel within the pilot's clear view specifying the pitot heat annunciator(s) as inoperative.</p>	<p>Before further flight after the operational check required in paragraph (f)(1) of this AD.</p>	<p>Follow Hawker Beechcraft Mandatory Service Bulletin SB 31-3948, Issued: April 2009.</p>
<p>(3) Inspect the terminal board on the circuit card rack assembly to determine if a five-hole bus bar is installed.</p>	<p>Within the next 50 hours TIS after April 8, 2010 (the effective date of this AD) or within the next 3 months after April 8, 2010 (the effective date of this AD), whichever occurs first.</p>	<p>Follow Hawker Beechcraft Mandatory Service Bulletin SB 31-3948, Issued: April 2009.</p>
<p>(4) If a five-hole bus bar is found installed during the inspection required in paragraph (f)(3) of this AD, perform an operational check. If the operational check detects anomalies, contact the manufacturer specified in paragraph (i)(2) of this AD to obtain an FAA-approved repair scheme and incorporate the repair scheme.</p>	<p>Before further flight after the inspection required in paragraph (f)(3) of this AD.</p>	<p>Follow Hawker Beechcraft Mandatory Service Bulletin SB 31-3948, Issued: April 2009.</p>
<p>(5) If a four-hole bus bar is found installed during the inspection required in paragraph (f)(3) of this AD, replace it with a five-hole bus bar and perform an operational check. If the operational check detects anomalies, contact the manufacturer specified in paragraph (i)(2) of this AD to obtain an FAA-approved repair scheme and incorporate the repair scheme.</p>	<p>Before further flight after the inspection required in paragraph (f)(3) this AD.</p>	<p>Follow Hawker Beechcraft Mandatory Service Bulletin SB 31-3948, Issued: April 2009.</p>
<p>(6) If proper operation of the left and right pitot heat annunciators is verified in paragraphs (f)(4) and (f)(5) of this AD, remove the placard that was installed in paragraph (f)(2) of this AD.</p>	<p>Before further flight after doing the operational check required in paragraphs (f)(4) and (f)(5) of this AD.</p>	<p>Follow Hawker Beechcraft Mandatory Service Bulletin SB 31-3948, Issued: April 2009.</p>

Note: The operational check required in this AD is different from the pilot's pre-flight check. An FAA-approved licensed mechanic authorized to do maintenance is required to do the operational check.

(g) The inspection action of paragraph (f)(3) of this AD and the follow-on actions of paragraphs (f)(4) and (f)(5) of this AD may be done instead of the operational check and the placard requirements of paragraphs (f)(1) and (f)(2) of this AD provided the inspection is done within the next 15 hours TIS after April 8, 2010 (the effective date of this AD).

Alternative Methods of Compliance (AMOCs)

(h) 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, ACE-118W, Wichita ACO, 1801 Airport Road, Room 100, Wichita, Kansas 67209, telephone: (316) 946-4174, fax: (316) 946-4107. 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

(i) You must use Hawker Beechcraft Mandatory Service Bulletin SB 31-3948, Issued: 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, Attn: Airline Technical Support, P.O. Box 85, Wichita, Kansas 67201; telephone: (800) 429-5372; fax: (316) 676- 8745; Internet: <http://www.hawkerbeechcraft.com>.

(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.