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SERVICE BULLETIN

SERVICE BULLETIN No. 217

Aircraft Heater Alternate Blower Motor P/N 81251-1

1. Planning Information

A. Effectivity

- (1) Janitrol I-Series (IS) cabin heater assemblies with ventilating blower motor P/N 81251-1 installed are affected by this Service Bulletin (SB). See Section 3 for identification of installed motor.
 - (a) All serial numbers of listed heater assemblies are affected by this SB.
- (2) Heaters and aircraft affected by this SB are shown in Table 1.

NOTE: Table 1 is for reference only and is not an all-inclusive list of aircraft affected by this SB. It is the responsibility of the owner/operator to verify whether an affected heater may be installed.

WARNING: DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE BULLETIN. INFORMATION CONTAINED HEREIN MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS SERVICE BULLETIN OR THE USE OF OBSOLETE INFORMATION MAY CREATE AN UNSAFE CONDITION THAT MAY RESULT IN DEATH, SERIOUS BODILY INJURY, AND/OR SUBSTANTIAL PROPERTY DAMAGE. REFER TO THE JANITROL WEBSITE, WWW.JANITROL.AERO, FOR THE MOST RECENT REVISION LEVEL OF THIS SERVICE BULLETIN.

B. Concurrent Requirements

- (1) None

C. Reason

- (1) HET has developed and qualified a new brushless DC (BLDC) blower motor (P/N 81251-1) to replace the existing 94E56-3 motor and motor assemblies produced from the 94E56-3 motor.

D. Description

- (1) This SB provides Instructions for Continued Airworthiness (ICA) for listed Janitrol heater assemblies containing brushless motor P/N 81251-1.
- (2) This SB shall remain in effect until incorporated into referenced manuals P/N 99M90 and 99M91.

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HET Heater P/N	Aircraft Make	Aircraft Model/Series
65D79-3(IS)	Piper Aircraft, Inc.	PA-31-350
	Costruzioni Aeronautiche Tecnam S.P.A.	P2012 Traveller
90E00-1(IS)	Britten-Norman Aerospace Ltd.	BN-2T Turbine Islander
90E14-1(IS)	Textron Aviation Inc.	208 Caravan
91E18-1(IS)	Viking Air Limited	CL215T, CL415
94E11-1(IS)	-	-

Table 1 - Heater/Aircraft Effectivity

E. Compliance

- (1) Compliance with section 3.A of this SB is optional at the next and recurring 500 heater hour inspection from the release date of this SB.

F. Approval

- (1) FAA acceptance has been obtained on the technical data in this publication that affects type design.

G. Manpower

- (1) Labor hours are negligible when performed at scheduled aircraft inspection intervals.

H. References

- (1) Applicable Aircraft Service Instructions or Maintenance Manual
- (2) Applicable Aircraft AFM or POH
- (3) HET Manual P/N 99M90 - *I-Series Combustion Heater Owners Manual*
- (4)

I. Weight and Balance

- (1) No Change

2. Materials Required

A. None

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3. Accomplishment Instructions

WARNING 1: THIS PROCEDURE MUST BE PERFORMED BY COMPETENT AND QUALIFIED PERSONNEL WHO ARE FAMILIAR WITH THE AIRFRAME MAINTENANCE. FAILURE TO DO SO MAY RESULT IN PHYSICAL INJURY, EQUIPMENT DAMAGE AND/OR ECONOMIC LOSS.

WARNING 2: DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE BULLETIN. INFORMATION CONTAINED HEREIN MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS SERVICE BULLETIN OR THE USE OF OBSOLETE INFORMATION MAY CREATE AN UNSAFE CONDITION THAT MAY RESULT IN DEATH, SERIOUS BODILY INJURY, AND/OR SUBSTANTIAL PROPERTY DAMAGE. REFER TO THE JANITROL AERO WEBSITE FOR THE MOST RECENT REVISION LEVEL OF THIS SERVICE BULLETIN, WWW.JANITROL.AERO.

CAUTION: REFER TO THE APPLICABLE MANUFACTURER'S MAINTENANCE MANUALS OR SERVICE INSTRUCTIONS TO GAIN ACCESS TO THE AIRFRAME OR HEATER. IN ADDITION, ANY PREFLIGHT OR IN-FLIGHT OPERATIONAL CHECKS REQUIRE USE OF THE APPROPRIATE AFM OR POH.

A. Inspection (500 Hour), Recurrent

NOTE: The preferred method of recording heater time is directly from the heater with an installed Hobbs meter.

If a Hobbs meter is not installed on the heater, calculate heater time from the aircraft Hobbs meter. Two aircraft flight-hours is equal to one heater hour, e.g., one-thousand aircraft flight-hours is equal to five-hundred heater hours.

- (1) While performing a 500 hour recurring inspection, inspect the motor part number effectivity.
 - (a) If blower assembly motor P/N is **not** 81251-1, continue with instructions in accordance with referenced manual, 99M90.
 - (b) If blower assembly motor P/N **is** 81251-1, maintenance of the motor is not required.
 - 1) Replace motor P/N 81251-1 at two-thousand heater hours.

NOTE: Follow inspection checks in accordance with referenced manual, 99M90 for maintenance and replacement intervals for heater blower motor of any other P/N.

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B. Return to Service

- (1) Close all access doors and covers opened to gain access to the heater in accordance with applicable airframe maintenance manual.
- (2) Perform operational check of the heater in accordance with applicable AFM or POH.

C. Maintenance Record

- (1) Make an appropriate logbook entry noting compliance with this Service Bulletin.

4. Contact Information

A. Contact HET Product Support for all communications regarding the technical content of this Service Bulletin.

- (1) Phone +1.334.386.5400 (Option 2)
- (2) Fax +1.334.386.5450
- (3) E-mail at techsupport@hartzell.aero
- (4) Address

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