



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

SERVICE LETTER

SUBJECT: HONEYWELL SERVICE AID (SA) AM-250-102

To all Customers, Operators and Service Centers:

Date: Nov 12/07

This Service Letter is issued to draw attention to the following vendor information:

HONEYWELL SA-AM-250-102 - INTERMITTENT ALTIMETER VALID DISCRETE OUTPUT ISSUE

It has been found that some AM-250 encoding altimeters can have an intermittent altimeter valid discrete output. The faulty altimeters were manufactured between June 2006 and April 2007. The first four digits of the altimeter serial number represent the month and year of manufacture. Therefore, the serial numbers of the faulty altimeters are between 0606XXXX and 0704XXXX.

The fault only shows when the altimeter is installed on the pilot's instrument panel as only this altimeter is connected to the Altitude/Vertical Speed Selector display. The fault shows as a series of dashes on the KAS 297C Altitude/Vertical Speed Selector display.

Pilatus recommends that all Customers, Operators and Service Centers with aircraft equipped with encoding altimeter(s) AM-250, do the work detailed in the attached Service Aid (AM-250-102). Furthermore, Pilatus also recommends that AM-250 encoding altimeters installed on the co-pilot's instrument panel are temporarily installed in the pilot's instrument panel and have the SA AM-250-102 work applied to them.

NOTE: Removal and Installation data for the AM-250 encoding altimeters can be found in the Aircraft Maintenance Manual (AMM).

Operators requiring further information on this subject, please contact one of the addresses given below:

PILATUS AIRCRAFT LTD.,
CUSTOMER SUPPORT MANAGER,
CH-6371 STANS,
SWITZERLAND.

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PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT,
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Attachments: HONEYWELL SA-AM-250-102

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SERVICE LETTER

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Honeywell

Honeywell International Inc.
23500 W 105th Street
Olathe, KS 66061
U.S.A
CAGE: 22373
Telephone: (800) 601-3099 (U.S.A.)
Telephone: (602) 365-3099 (International)

SERVICE AID

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Honeywell SERVICE AID

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Transmittal Information

Honeywell Publication Number 601-10620-0020

Summary

Intermittent Altimeter Valid Discrete Output Issue

This is the initial release of this bulletin.

Revision History

Original issue.

Table 1. Service Bulletin Revisions

Revision	Date of Release
Initial Release	13 Jun 2007

Honeywell SERVICE AID

AM-250

APPLICABLE TO: AM-250 Barometric Altimeter

SUBJECT: Intermittent Altimeter Valid Discrete Output Issue

Affected AM-250 Part Numbers: 70256N02D02, 70259N01D01, 70260N01D01

Affected Systems: KFC 275 / KFC 325 flight control systems installed in Cessna 500, Pilatus PC-12/45/47, and SOCATA TBM 700/850 aircraft.

It has come to our attention, that some AM-250 altimeters can have an intermittent altimeter valid discrete output. This is visible to the pilot as the KAS 297C Altitude/Vertical Speed Selector's display showing dashes anytime the altimeter valid output goes to an invalid state. This Service Aid is applicable to AM-250s manufactured between June 2006 and April 2007. These units can be identified by checking the first 4 digits of the serial number which represent the year and month of manufacture. The units of concern will have serial numbers between 0606xxxx and 0704xxxx. Not all AM-250 units in this range have this issue.

Compliance:

If this problem exists, the affected AM-250 barometric altimeter must be repaired or exchanged.

Warranty Information:

Warranty credit or payment has been authorized for the modification of units that exhibit this problem and are still under the original new product warranty.

To receive warranty credit or payment for this modification, submit a properly completed warranty claim. A maximum of three (3.0) hours labor for removal and re-installation may be requested.

Refer to AMETEK Service News Letter SNL 180 for details on repairing the defective AM-250 units.

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