

Service Bulletin No: 34-038

Ref No: 305

Modification No: EC-13-0125

ATA Chapter: 34

**NAVIGATION - ATTITUDE AND DIRECTION
MODIFICATION TO THE ELECTRONIC STANDBY INSTRUMENT-SYSTEM (ESIS) POWER RETURN
WIRES****1. Planning Information****A. Effectivity**

PC-12/47E Series aircraft MSN 545, 1001 thru 1450.

MSN 1451 and up will have this modification incorporated during production.

NOTE: Throughout this Service Bulletin, Config. 1 aircraft are MSN 545 and MSN 1001 thru MSN 1270. Config. 2 aircraft are MSN 1271 thru MSN 1450.

B. Concurrent Requirements

None.

C. Reason

In order to minimize any possibility that the Apex displays can be affected together with the ESIS, the ESIS ground connection is relocated, improving isolation and separation from the main displays.

D. Description

This Service Bulletin gives the data and instructions necessary to do a modification to change the ground connection for the ESIS.

E. Compliance

Mandatory.

Accomplishment required not later than May 31/2013.

F. Approval

The technical content of this document is approved under the authority of DOA No. EASA. 21J. 357.

PILATUS advises Operators/Owners to check with their designated Airworthiness Authority for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

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H. Manpower

Task	Man-hours (With Ground Point Ready)	Man-hours (Without Ground Point Ready)
Preparation	0.50	0.50
Modification	2.50	2.75
Close-Up	1.25	1.25
TOTAL MAN-HOURS	4.25	4.50

I. Weight and Balance

(1) Weight change:

None.

(2) Moment change:

None.

J. Electrical load Data

Not changed.

K. Software

Not changed.

L. References

Aircraft Maintenance Manual (AMM): 12-B-20-20-01-00A-040A-A, 12-B-20-31-00-00A-070A-A, 12-B-25-10-03-00A-920A-A, 12-B-34-26-40-00A-903A-A or 12-B-34-26-40-00A-903B-A, 12-B-46-30-00-00A-903A-A, 12-B-46-30-01-00A-920A-A, 12-B-46-30-03-00A-920A-A.

M. Publications Affected

Wiring Diagram Manual (WDM).

N. Interchangeability of Parts

One way interchangeable. Pre Service Bulletin parts must not be installed on Post Service Bulletin aircraft.

2. Material Information**A. Material - Price and Availability:**

If you require more information about this modification, please contact us as follows:

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Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.

B. Warranty

Pilatus agrees to cover the costs for parts and labor of affected aircraft provided the work is accomplished by an Authorized Service Center within 6 months from the issue date of this Service Bulletin.