

Service Bulletin No: 34-036

Ref No: 302

Modification No: EC 12-0310

ATA Chapter: 34

**NAVIGATION - ELECTRONIC STANDBY INSTRUMENT
REPLACEMENT OF THE ESIS MAGNETOMETER MOUNTING CORRECTION DATA LABEL****1. Planning Information****A. Effectivity**

PC-12/47E Series aircraft from MSN 1271 thru MSN 1400.

B. Concurrent Requirements

None.

C. Reason

(1) Problem:

The existing ESIS magnetometer mounting correction data label only has the pitch and roll mounting offset angles. Some aircraft from 1271 to 1299 have no label.

(2) Cause:

The design of the existing label does not have a field to show this yaw mounting offset angle.

(3) Solution:

A new ESIS magnetometer mounting correction data label is developed to give the three ESIS magnetometer mounting offset angles: pitch, roll and yaw. The new label is bigger and is located in a new position. The new label has a new part number.

D. Description

This Service Bulletin gives the data and instructions necessary to remove the existing ESIS magnetometer mounting correction data label and install a replacement label. The purpose of the new label is to have all three magnetometer mounting offset values readily available in case these values are not available from the ESI.

E. Compliance

Optional.

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	Part 1 - Man-hours
Preparation	0.10
Modification	0.30
Close-Up	1.00
TOTAL MAN-HOURS	1.5

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-24-00-00-00A-901A-A.

M. Publications Affected:

Illustrated Parts Data (IPD): 12-B-11-30-01-020-941A-A.

AMM: 12-B-34-20-00-00A-903A-A, 12-B-34-26-40-00A-903B-A.

N. Interchangeability of Parts:

Not interchangeable.

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

Parts will be supplied free-of-charge for all affected aircraft providing the aircraft is within the two year warranty period and the work will be accomplished by an Authorized Service Center within 12 months from the issue date of this Service Bulletin.

C. Material Necessary for one Aircraft:

NOTE: Part Numbers given in this Service Bulletin are correct at the time of approval. Pilatus Aircraft Ltd. reserves the right to change the part numbers as necessary. Part numbers of items delivered are correct when the part is dispatched. Parts to be ordered from Pilatus: