

Service Bulletin No: 34-037

Ref No: 304

Modification No: EC 12-0282

ATA Chapter: 34

NAVIGATION - ENHANCED GROUND PROXIMITY WARNING SYSTEM (EGPWS) - INTRODUCTION OF EGPWS MK. VIII COMPUTER**1. Planning Information****A. Effectivity**

PC-12/47E Series aircraft MSN 545, 1001 thru 1400.

MSN 1401 and up will have this modification incorporated at production.

B. Concurrent Requirements

None.

C. Reason**(1) Problem:**

The existing Enhanced Ground Proximity Warning System (EGPWS) Computer is no longer available.

(2) Cause

Obsolescence.

(3) Solution

Install a new EGPWS Computer. The new computer supports a single worldwide terrain database instead of the multiple regional databases currently supported by the existing computer. The new EGPWS computer has no additional functionality compared to the previous unit.

D. Description

This Service Bulletin gives the data and instructions necessary to remove the existing EGPWS computer and install the new unit.

E. Compliance

Optional.

F. Approval

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

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H. Manpower

Task	Man-hours
Preparation	1.0
Modification	1.5
Close-Up	1.0
TOTAL MAN-HOURS	3.5

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-20-31-00-00A-070A-A, 12-B-34-45-00-00A-903A-A, 12-B-34-45-01-00A-920A-A.

M. Publications Affected

Illustrated Parts Data (IPD).

Aircraft Maintenance Manual (AMM).

Aircraft Flight Manual (AFM).

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. 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.