

Service Bulletin No: 34-032

Ref No: 277

Modification No: EC-09-0676, EC-11-0289

ATA Chapter: 34

**NAVIGATION - DEPENDENT POSITIONING DETERMINING -  
INTRODUCTION OF A HONEYWELL GLOBAL NAVIGATION SYSTEM SENSOR UNIT (GNSSU) P/N 066-01201-0104 (PILATUS P/N 985.99.12.227)****1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 545, 1001 thru 1323.

Aircraft MSN 1324 and up will have this modification done at production.

**B. Concurrent Requirements**

None.

**C. Reason**

(1) Problem:

The current installed GNSSU is not the latest standard.

(2) Cause:

Operational software limitations.

(3) Solution:

Install Honeywell GNSSU P/N 066-01201-0104 (Pilatus P/N 985.99.12.227).

**D. Description**

This Service Bulletin gives the data and instructions necessary to:

- Part 1 - upgrade the existing Honeywell GNSSU with new software

or

- Part 2 - remove the existing Honeywell GNSSU and install updated GNSSUs

or

- Part 3 - remove the existing CMC GNSSU No. 1 and install Honeywell KGS 200 GNSSU (only for aircraft that have Service Bulletin 34-020 accomplished or Factory Option CMC GNSSU No. 1 installed). For GPS 2 (if installed) refer to Part 1 or Part 2 of this Service Bulletin.

**NOTE:** Service Bulletins 34-020 and 34-026 are superseded by Service Bulletin 34-032 and modification kits for these two Service Bulletins are no longer available.

**E. Compliance**

Recommended.

**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 local Airworthiness Authorities 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	
	Single GNSSU Installation	Dual GNSSU Installation
Preparation	0.5	0.5
Modification	1.0	2.0
Close-Up	1.0	1.0
<b>TOTAL MAN-HOURS</b>	<b>2.5</b>	<b>3.5</b>

Task	Part 2- Man-hours	
	Single GNSSU Installation	Dual GNSSU Installation
Preparation	0.5	0.5
Modification	1.0	2.0
Close-Up	1.0	1.0
<b>TOTAL MAN-HOURS</b>	<b>2.5</b>	<b>3.5</b>

Task	Part 3- Man-hours
Preparation	1.0
Modification	5.0
Close-Up	2.0
<b>TOTAL MAN-HOURS</b>	<b>8.0</b>

**I. Weight and Balance:**

(1) Part 1

No change

(2) Part 2

No change

(3) Part 3

Weight change:

-1,13 kg (-2.49 lb)

Moment change:

-3,368 kg-m (-292.13 lb-in)

**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-24-00-00-00A-901A-A	12-B-25-10-03-00A-920A-A
12-B-34-57-00-00A-903A-A	12-B-34-57-01-00A-920A-A	12-B-34-57-01-00A-920C-A
12-B-45-45-00-00A-550A-A	12-B-46-30-00-00A-903A-A	12-B-46-30-03-00A-920A-A

Honeywell Service Bulletin KGS 200 34-03

**M. Publications Affected:**

IPC, AMM, AFM.

**N. Interchangeability of Parts:**

Not interchangeable.

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

Pilatus advise that the standard lead times for a new GNSSU may be up to 4 months.

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**

Honeywell agrees to cover the costs for parts and labor of affected aircraft on approval of a warranty claim, provided the work is accomplished by a Pilatus approved Service Center within 12 months of the issue date of this Service Bulletin. A properly completed warranty claim may be filed by accessing the Honeywell Aerospace web page at:  
<https://portal.honeywell.com/wps/portal/aero/serviceprograms/warranty>  
and selecting the Bendix King logo.

**C. Material Necessary for one Aircraft:**

**NOTE:** 1. Tell Pilatus the Serial Number of the currently installed GNSSU as the S/N must be referred to when you order replacement identification tags.

**NOTE:** 2. Tell Pilatus the currently installed Option file number (the Honeywell number, including the dash number).