

Service Bulletin No: 34-026

Ref No: 258

Modification No: EC-09-0676

ATA Chapter: 34

**NAVIGATION - DEPENDENT POSITIONING DETERMINING -  
INTRODUCTION OF A HONEYWELL SATELLITE BASE AUGMENTATION SYSTEM (SBAS) GLOBAL  
NAVIGATION SYSTEM SENSOR UNIT (GNSSU)****1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 545, 1001 thru 1230 WITHOUT Service Bulletin 34-020 accomplished or Factory Option WAAS/LPV installed.

**B. Concurrent Requirements**

For aircraft MSN 545, 1001 thru 1180 - Service Bulletin 45-003 - Update Honeywell Primus APEX Operational Software to Build 6.

**C. Reason**

(1) Problem:

The current Honeywell KGS 200 GNSSU (P/N 985.99.12.155) is not SBAS capable.

(2) Cause:

Operational software limitations.

(3) Solution:

Install a Honeywell GNSSU P/N (Pilatus P/N 985.99.12.191).

**D. Description**

This Service Bulletin gives the data and instructions necessary to:

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

or

- remove the existing Honeywell GNSSU and install SBAS GNSSUs (Part 2).

Revision 1 to this Service Bulletin corrects the part number for the GNSSU software modification tag. Operators who have accomplished this Service Bulletin at initial issue must make sure that the correct software modification tag is installed on the GNSSU (refer to Honeywell Service Bulletin KGS 200-34-01).

**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 local Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

**G. Manpower**

Task	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>

**NOTE:** The manhours above are to accomplish Part 1 of this Service Bulletin.

**H. Weight and Balance:**

- (1) Part 1
  - No change
- (2) Part 2
  - No change

**I. Electrical load Data:**

Not changed

**J. Software:**

Not changed.

**K. 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-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 200-34-01

**L. Publications Affected:**

AMM, IPC, AFM.

**M. 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. However, an upgraded unit (if complying with Part 2) should be ordered through the Honeywell SPEX pool.

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.

If this Service Bulletin was incorporated at initial issue, Honeywell agrees to cover one additional manhour of labor for replacing the affected software modification tag.

**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).