

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

SERVICE BULLETIN NO: 34-004

REF NO: 022

MODIFICATION NO: 96-0382 / 96-0447

ATA CHAPTER: 34

## INSTALLATION OF THE YAW RATE GYRO (KRG 332)

### 1. Planning Information

#### A. Effectivity:

All PC-12, PC-12/45 and PC-12/47 aircraft up to and including MSN 999, except for aircraft MSN 545, that have no Yaw Rate Gyro installed.

#### B. Concurrent Requirements

None.

#### C. Reason

Aircraft functional enhancement by an additional yaw rate source.

#### D. Description

This Service Bulletin gives the data and instructions necessary to:

- (1) Install a base plate (P/N: 534.25.12.012) and the Yaw Rate Gyro (P/N: 985.92.03.151) between Frames 25 and 26.
- (2) Install the required cabling and 1 amp circuit breaker (CB919).
- (3) Test the installed system (Ref. AMM 34-23-10).

Revision 1 changes the Effectivity and updates the Service Bulletin to the latest standard.

**NOTE:** Only the Service Bulletin is updated. The drawings and/or documents listed in the Appendix(es) are not included. Operators who wish to accomplish this Service Bulletin should apply to Pilatus Aircraft Ltd. for the latest revisions of the drawings and/or documents listed in the Appendix(es).

#### E. Compliance

Optional.

But required when a Customer/Operator wishes to modify their aircraft to a PC-12/45 variant, unless the aircraft has a Pilatus-approved Second AHRS unit installed.

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**F. Approval**

The technical content of this Service Bulletin 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**

	Total
Preparation	7.0
Installation - Mechanical	1.5
Installation - Electrical	10.0
Test	0.5
Close up	8.0
<b>TOTAL MAN-HOURS</b>	<b>27.0</b>

**NOTE:** Man-hours figures are calculated to install the system in the aircraft and represent the total time estimated for the task.

**NOTE:** If the aforementioned tasks are done in conjunction with PC-12 SB No: 04-001, then the time is greatly reduced.

**H. Weight and Balance**

Open - as the operational requirements are not known.

**I. Electrical Load Data**

Not changed.

**J. Software**

Not changed.

**K. References**

AMM Chapters 34-23-10, 34-23-11.

WDM Chapter 06-00-24 (PIL NO: 506.09.12.071).

**L. Publications Affected**

IPC Chapter 34-20-00.

WDM Chapter 34-23-10.

**M. Interchangeability of Parts**

Not applicable.

**2. Material Information**

**A. Material - Price and Availability**

Operators should send orders for Service Bulletin Modification Kits, to their Authorized Pilatus Service Center or:

PILATUS AIRCRAFT LTD.,  
CUSTOMER SUPPORT MANAGER,  
CH-6371 STANS,  
SWITZERLAND

General Aviation:  
Tel: + 41 41 619 6208  
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PILATUS BUSINESS AIRCRAFT LTD.,  
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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.