

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 31-006

REF NO: 197

MODIFICATION NO: 03-0453

ATA CHAPTER: 31

INDICATING/RECORDING SYSTEMS - MAINTENANCE AND TEST FACILITIES REMOVAL OF THE JUMPER WIRE FROM CONNECTOR J992

1. Planning Information

A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft from MSN 321 thru MSN 550 with a dual AHRS installation. This modification is embodied in production on MSN 551 and subsequent with a dual AHRS installation.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

Operators of aircraft with dual Attitude and Heading Reference System (AHRS) installations have reported that one of the AHRS would not align unless both avionic BUS 1 and BUS 2 were switched ON at the same time.

(2) Cause

The AHRS signal lines for maintenance data enable 1 and maintenance data enable 2 are connected together, with a jumper, at plug J992.

(3) Solution

Remove the jumper wire between pins 5 and 10 at plug J992.

D. Description

This Service Bulletin gives the data and instructions necessary to remove the jumper wire between pins 5 and 10 at plug J992.

E. Compliance

Recommended.

NOTE: If you want to do this Service Bulletin, Pilatus recommends that you do it at the same time as the annual service. This is to save on aircraft down time as the lavatory has to be removed to get access to the rear side of the maintenance panel.

F. Approval

The technical content of this document is approved under the authority of FOCA DOA No. FOCA. 21J. 002.

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	2.00
Removal of the wire	1.00
Close up	3.00
TOTAL MAN-HOURS	6.00

NOTE: These man-hours figures assume that the lavatory is removed.

H. Weight and Balance

(1) Weight Change

Not affected.

(2) Moment Change

Not affected.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Wiring Manual (AWM).

L. Publications Affected

Aircraft Wiring Manual (AWM), 31-31-50.

M. Interchangeability of Parts

Not applicable.

2. Material Information

A. Material - Price and Availability

No Pilatus modification kit is necessary for this Service Bulletin.

B. Material Necessary for Each Aircraft

Not applicable.

C. Re identified Parts

Not applicable.

D. Tooling - Cost and Availability

Not applicable.