

SERVICE BULLETIN

SERVICE BULLETIN NO: 34-011

REF NO: 195

MODIFICATION NO: ECN 04-371 and 05-0243

ATA CHAPTER: 34

NAVIGATION - DEPENDANT POSITION DETERMINING DUAL MODE S TRANSPONDER GTX330D - INSTALLATION

1. Planning Information

A. Effectivity

PC-12, PC-12/45 and PC-12/47 aircraft up to and including MSN 999, except for aircraft MSN 545, with Bendix King KT 70 or KT 71 dual transponder systems installed.

B. Concurrent Requirements

None.

C. Reason

New regulations will make Mode S Elementary Surveillance-systems necessary for aircraft which operate in some designated airspace areas.

Revision 1 changes Part No. 971.42.31.705 to 971.42.31.715 and corrects some of the figure titles.

Revision 2 is issued to incorporate changes to the Manpower table (Sect 1, G), Modification kit table (Sect 2, B, (1)) and other minor changes.

Revision 3 changes the Effectivity and updates the Service Bulletin to the latest standard.

D. Description

This Service Bulletin gives the data and instructions necessary to:

- Remove the installed Dual KT70/KT71 transponder system and related components
- Install the Dual GTX330D Elementary Mode S (Diversity) transponder system with the new upper antenna and related components

E. Compliance

Optional.

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	9.0
Removal	4.0
Installation	34.0
Test	6.0
Close up	16.0
TOTAL MAN-HOURS	69.0

NOTE: Man-hours figures do not include the time necessary to cure sealants and other consumable materials.

H. Weight and Balance

(1) Weight Change

+ 4.03 lb (1,83 kg).

(2) Moment Change

Negligible.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM), 06-20-00, 24-00-00, 24-30-07, 25-10-01, 25-10-03, 25-21-01, 25-21-03, 25-21-04, 25-21-05, 25-21-06, 25-22-01, 25-22-03, 34-54-01 and 34-54-02.

Structural Repair Manual (SRM), 51-40-01 and 51-40-02.

Garmin - GTX330D Transponder Installation Manual 190-00207-02 Revision B (TIM 190-00207-02).

L. Publications Affected

AMM, 23-12-00, 23-12-02, 23-12-03, 34-54-00, 34-54-01, 34-54-02 and 51-40-01.

Illustrated Parts Catalog, 34-54-00.

Wiring Manual, 06-00-01, 23-12-00, 23-12-10 and 34-54-00.

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 to:

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

General Aviation:
Tel: + 41 41 619 6208
Fax: + 41 41 619 7311
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT
11755 AIRPORT WAY
BROOMFIELD, CO 80021.
UNITED STATES OF AMERICA

Tel: 303 465 9099
Fax: 303 465 6040
eMail: Productsupport@PilBal.com

PILATUS AUSTRALIA (PTY.) LTD,
17 JAMES SCHOFIELD DRIVE,
ADELAIDE AIRPORT SA 5950,
AUSTRALIA

Tel: (08) 8234 4433
Fax: (08) 8234 4499
Free Call: 1800 445 007
eMail: info@pilatus.com.au

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.