

SERVICE BULLETIN

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ATA CHAPTER: 34

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

1. Planning Information

A. Effectivity

PC-12 and PC-12/45 aircraft MSN 101 thru MSN 490 with a dual transponder systems installed which are not Dual Elementary Mode S Transponder systems.

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

D. Description

This Service Bulletin gives the data and instructions necessary to:

- Remove the installed Dual KT70/KT71 transponder system together with the applicable antennae and related components
- Install the Dual GTX330D (Diversity) Elementary Mode S transponder system together with the applicable antennae and related components

E. Compliance

Optional.

F. Approval

The technical content of this document is approved under the authority of FOCA DOA No. FOCA. JA. 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	9
Removal	7
Installation	45
Test	6
Close up	16
TOTAL MAN-HOURS	83

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, 21-30-00, 23-12-02, 23-12-03, 24-00-00, 24-30-07, 25-10-01, 25-10-03, 25-10-04, 25-21-01, 25-21-03, 25-21-04, 25-22-01, 25-22-03, 25-22-03, 34-51-01 and 34-51-02.

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

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

L. Publications Affected

AMM, 34-54-10, 34-54-11 and 34-54-12.

Illustrated Parts Catalog, 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:

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