



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 34-012

REF NO: 190

MODIFICATION NO: ECN 04-0371

ATA CHAPTER: 34

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

1. Planning Information

A. Effectivity

PC-12 and PC-12/45 aircraft MSN 381, MSN 544, MSN 550, MSN 566, MSN 568, MSN 574 MSN 579 and MSN 595 with Sensor Systems VHF/UHF/L Band (Combi) Antennas S65-8282-120 (984.81.10.207).

B. Concurrent Requirements

Not applicable.

C. Reason

(1) Problem

In some conditions it is possible for decreased VHF transmission range to occur in aircraft with Combi Antennas (984.81.10.207).

(2) Solution

Replace and change the locations of the antennas to help prevent decreases in transmission range.

D. Description

This Service Bulletin gives the data and instructions necessary to:

- Remove the top and bottom antennas (984.81.10.207) and related components
- Install antennas (984.81.10.203), (984.81.10.240) 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	8.0
Removal	3.0
Installation	17.0
Test	1.5
Close up	14.0
TOTAL MAN-HOURS	43.5

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

H. Weight and Balance

(1) Weight Change

Negligible.

(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, 24-00-00, 24-30-07, 25-10-01, 25-10-03, 25-10-04, 25-21-01, 25-21-03, 25-21-04, 25-21-05, 25-21-06, 25-22-01, 25-22-03, 34-51-01 and 34-51-02.

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

Wiring Manual (WM), 23-12-00 and 23-12-10.

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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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.