

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 22-002

REF NO: 025

MODIFICATION NO: 960181

ATA CHAPTER: 22

MODIFICATION OF ANGLE OF ATTACK (AOA) TRANSMITTER MOUNTINGS

1. Planning Information

A. Effectivity

- (1) All aircraft up to and including MSN 159 which have fully incorporated PC-12 SB 30-001 - Modification of the Anti-icing and De-icing Systems.
- (2) This Service Bulletin will be incorporated prior to delivery on aircraft MSN 160 and subsequent.

B. Reason

the AOA Transmitters that exist have been replaced by improved version and are therefore no longer available. this Service Bulletin gives the procedure to install the new transmitters. the old and new transmitters are interchangeable, but PILATUS recommends that you incorporate this Service Bulletin on both wings at the same time.

C. Description

Accomplishment of this Service Bulletin consists of completing the following tasks:

- (1) Remove the old AOA Transmitter (as required):

LH = AOA Transmitter (P/N: 975.44.21.415) (Model No. 0012AC5).

RH = AOA Transmitter (P/N: 975.44.21.416) (Model No. 0012AC6).

- (2) Install the new AOA Transmitter (as required):

LH = AOA Transmitter (P/N: 975.44.21.419) (Model No. 0012AC7).

RH = AOA Transmitter (P/N: 975.44.21.420) (Model No. 0012AC8).

NOTE: This Service Bulletin kit does not contain AOA Transmitters. The transmitters must be purchased independently through the Authorized PILATUS PC-12 Service Centers.

- (3) Test the system.

D. Compliance

Optional, or when it becomes necessary to replace an AOA transmitter.

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E. Approval

The technical aspects of this Service Bulletin have been approved by the Federal Office for Civil Aviation (FOCA) of Switzerland.

NOTE: 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.

F. Manpower

Task	Man-hours
Preparation	0.5
Removal	0.5
Replacement	1.0
Testing	3.0
Close-Up	0.5
TOTAL MAN-HOURS	5.5

NOTE: Man-hours figures are calculated for a single AOA transmitter installed in the aircraft and represent the total time estimated for the task.

G. Material - Cost and Availability

(1) Material

Operators should send orders, for Service Bulletin modification kits, to their Authorized PILATUS PC-12 Service Center

or:

PILATUS AIRCRAFT LTD,
CUSTOMER LIAISON MANAGER,
CH 6371 STANS,
SWITZERLAND.

Tel No: +41 41-6196 233

Fax No: +41 41-6103 351

NOTE: Operators are requested to advise Pilatus Aircraft Ltd. of the Manufacturers Serial Number (MSN) and the flying hours of aircraft which are allocated for this Service Bulletin.

(2) Cost and Availability

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H. Tooling

Circuit Breaker Safety Clips (P/N: 110.88.07.065)

Calibration Tool LH (P/N: 513.22.12.050)
or RH (P/N: 513.22.12.051)

Maintenance Box (P/N: 985.99.99.601)

Pressure Test Set (P/N: 990.00.00.827)

I. Weight and Balance

Not Affected.

J. References

Aircraft Maintenance Manual (AMM), Chapters, 22-20-00, 22-20-02 and 30-30-00.

K. Publications Affected

Aircraft Maintenance Manual (AMM), Chapters, 22-20-00, 22-20-02 and 30-30-00.