

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 34-013

REF NO: 203

MODIFICATION NO: EC-06-0094

ATA CHAPTER: 34

NAVIGATION - AIRSPEED INDICATOR OVERSPEED WARNING - PREVENTION DURING ENGINE START

1. Planning Information

A. Effectivity

PC-12, PC-12/45 and PC-12/47 aircraft Manufacturers Serial Number (MSN) 101 thru MSN 760. This modification will be incorporated in aircraft MSN 761 and subsequent.

B. Concurrent Requirements

None

C. Reason

(1) Problem

It is possible for an incorrect overspeed warning alarm to occur during the engine start procedure

(2) Cause

Decreased power supply to the airspeed indicator electrical-system during engine start can cause the unwanted warning alarm. This only occurs in some airspeed indicators and only when the power supply decreases to less than the minimum necessary for operation (20V).

(3) Solution

Modify the airspeed indicator alarm-system to make sure there is:

- An electrical route to ground for the airspeed indicator relays during normal operation of the airspeed indicator
- No electrical route to ground during the engine start procedure to prevent unwanted alarms

D. Description

This Service Bulletin gives the data and instructions necessary to modify the airspeed indicator electrical-system to prevent unwanted alarms.

E. Compliance

Recommended.

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F. Approval

The technical content of this Service Bulletin is approved under the authority of 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

The man-hours totals are given for the incorporation of this Service Bulletin during a 100 hour service or equivalent.

	Total
Preparation	1.0
Modification	2.5
Close up	1.5
TOTAL MAN-HOURS	5.0

H. Weight and Balance

(1) Weight Change

Not applicable.

(2) Moment Change

Not applicable.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM): 24-00-00, 24-30-07, 25-10-01, 25-10-03 and 24-30-07.

L. Publications Affected

Wiring Diagram Manual: 34-16-00.

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,
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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.