

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 80-001

REF NO: 078

MODIFICATION NO: 98 0062

ATA CHAPTER: 80

STARTING - AUTOMATIC START UNIT- INSTALLATION

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 121 thru MSN 230.

This Service Bulletin will be incorporated prior to delivery on aircraft MSN 231 and subsequent.

B. Reason

A customer request for an improved start sequence.

This Service Bulletin removes the 30 or the 60 second start relays and introduces an automatic starting control unit. This unit provides an engine starting sequence controlled by gas generator speed.

Revision A to this Service Bulletin is issued to correct a Part Number in the Modification Kit.

Revision 1 to this Service Bulletin changes the aircraft effectivity and includes:

- Alternative steps for wiring changes in aircraft of different effectivity
- Wiring diagrams for aircraft of different effectivity
- Minor format and content changes to bring this Service Bulletin to current standard

C. Description

Accomplishment of this Service Bulletin consists of the tasks that follow:

Get access in the flight compartment.

Install the automatic start unit.

Remove the relays.

Close the access in the flight compartment.

D. Compliance

Optional.

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E. Approval

The technical content of this document is approved under the authority of FOCA 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.

F. Manpower

Preparation	1,0
Removal	1,5
Installation	10,0
Close-Up	1,5
TOTAL MAN-HOURS	14,0

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

G. Weight and Balance

Not Affected.

H. Electrical Load Data

Not changed.

I. Software

Not changed.

J. References

Aircraft Maintenance Manual (AMM), 24-00-00, 25-10-01, 25-10-03 and 77-40-04.

Appendix A to this Service Bulletin.

K. Publications Affected

Aircraft Maintenance Manual (AMM), 80-00-00.

Illustrated Parts Catalog (IPC), 80-00-00.

L. Interchangeability of Parts

Not applicable.