

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 33-008

REF NO: 163

MODIFICATION NO:

ATA CHAPTER: 33

LIGHTS - PASSENGER COMPARTMENT LIGHTS CABIN FLOODLIGHT SYSTEM - REMOVE DIODE

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 thru MSN 416 with executive passenger interiors.

B. Concurrent Requirements

None

C. Reason

(1) Problem

In PC-12 and PC-12/45 aircraft it is possible for the diode (TB191-04) in the cabin floodlight system to become too hot (overheats).

(2) Cause

The applicable diode only overheats if the cabin floodlight system is operated for too long in tropical or high temperature conditions.

(3) Solution

Remove the diode and change the routing of the related wires to prevent the overheat condition.

D. Description

This Service Bulletin (SB) gives the data and instructions necessary to remove the diode block (TB191-04) and change the routing of applicable wires.

E. Compliance

Optional.

F. Approval

The technical aspects of this SB are approved by the Federal Office for Civil Aviation (FOCA) of Switzerland.

PILATUS advises Operators/Owners to check with their local Airworthiness Authorities for any changes, local regulations or sanctions that can affect the embodiment of this SB.

G. Manpower

	Total
Preparation	8.0
Installation	4.0
Close up	10.0
TOTAL MAN-HOURS	22.0

H. Weight and Balance

(1) Weight Change

Not affected.

(2) Moment Change

Not affected.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM), 24-00-00 and 25-22-03.

L. Publications Affected

Wiring Manual, Electrical and Avionics Parts List and 33-20-21 (P/N: 532.29.12.034).

M. Interchangeability of Parts

Not applicable.