



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 33-009

REF NO: 167

MODIFICATION NO: 12/33/079

ATA CHAPTER: 33

LIGHTS - EXTERIOR INTRODUCTION OF DUAL NAVIGATION LIGHTS

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 thru MSN 999.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

For all flights other than VFR day, three operational navigational (position) lights are required. If a lamp in one or more of the nav lights is unserviceable (and maintenance conditions are such that the lamp cannot be replaced), the aircraft must not fly.

(2) Solution

Installation of new nav lights, which have two lamps in each unit. Power is supplied through electronic switch units to one lamp (primary) in each nav light. The electronic switch units (switch unit) automatically detect if a primary lamp is unserviceable and transfer power to the secondary lamp. Thus, even if one lamp is unserviceable in one or more nav light, the aircraft can continue to be flown.

D. Description

This Service Bulletin gives the data and instructions to replace the installed nav lights with dual lamp units and electronic switch units.

E. Compliance

Optional.

F. Approval

The technical aspects of this Service Bulletin 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 Service Bulletin.

G. Manpower

	Total
Preparation	5.0
Changes	5.0
Close up	0.5
TOTAL MAN-HOURS	10.5

NOTE: Man-hours figures do not include the time required to cure sealants and adhesives.

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, 33-43-01 and 57-20-01.

Structural Repair Manual (SRM), 51-10-04 and 51-40-03.

L. Publications Affected

Illustrated Parts Catalog, Chap 33.

AMM, 33-43-00 and 33-43-01.

Pilots Operating Handbook.

M. Interchangeability of Parts

Pre and Post Service Bulletin 33-009 nav lights are not interchangeable.

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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