

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 33-010

REF NO: 201

MODIFICATION NO: 06-0552

ATA CHAPTER: 33

LIGHTS - EXTERIOR MODIFICATION TO THE LED NAVIGATION LIGHTS

1. Planning Information

A. Effectivity

All PC-12/45 and PC-12/47 aircraft from MSN 684 thru MSN 747.

This modification will be incorporated on aircraft MSN 748 and subsequent.

All LED navigation light assemblies (972.87.87.157), (972.87.87.158) and (972.87.87.159) held as spare or in stores.

Revision 1 to this Service Bulletin incorporates changes to the component removal and installation procedures. Other minor changes to bring the Service Bulletin to current standards are also included.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

Problems have been highlighted with the ingress of water into the LED navigation lights installed on the right wing and on the tail fairing.

(2) Solution

Flight Components AG have introduced 2 advisory bulletins to prevent the ingress of water into the lights. Because the wing and tail attachment points are made of composite materials and the light attachments are metal, it is thought that water could ingress the wing or tail areas. Therefore, a mounting gasket has been introduced which is installed between the light and the airframe attachment pPre-approval draft to EEC (Nov 08/06)

D. Description

This Service Bulletin gives the data and instructions to:

- Remove the LED navigation lights
- Do the Flight Components AG Advisory Bulletin 010-03 (Annex A)
- Do the Flight Components AG Advisory Bulletin 011-03 (Annex B)
- Install the LED navigation lights with improved sealing (installation gasket).

E. Compliance

Recommended.

F. Approval

The technical content of this Service Bulletin is approved under the authority of DOA No. EASA.21J.357.

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

	Total
Preparation	0.50
Removal of the LED navigation lights	1.50
Installation of the LED navigation lights	2.00
Close up	0.50
TOTAL MAN-HOURS	4.50

NOTE: Refer also to the Flight Components AG Advisory Bulletins 010-03 and 011-03.

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

H. Weight and Balance

(1) Weight Change

Not changed.

(2) Moment Change

Not changed.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM), 24-00-00, 33-43-04, 57-20-02.

Flight Components AG Advisory Bulletins 010-03 and 011-03

L. Publications Affected

AMM, 33-43-04.

| Illustrated Parts Catalog, 33-40-00.

M. Interchangeability of Parts

| Pre and Post-Service Bulletin 33-010 LED navigation 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:

PILATUS AIRCRAFT LTD.,
CUSTOMER SUPPORT MANAGER,
CH-6371 STANS,
SWITZERLAND

General Aviation:
Tel: + 41 41 619 6208
Fax: + 41 41 619 7311
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,
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11755 AIRPORT WAY
BROOMFIELD, CO 80021.
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eMail: info@pilatus.com.au

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