

Service Bulletin No: 33-017

Ref No: 356

Modification No: EC-16-0246

ATA Chapter: 33

LIGHTS - EXTERNAL LIGHTS - INTRODUCTION OF STROBE LIGHTS POWER FROM THE MAIN BUS**1. Planning Information****A. Effectivity**

PC-12/47E Series aircraft MSN 1001 to 1450.

This modification is embodied at production on aircraft MSN 1451 and up.

B. Concurrent Requirements

None.

C. Reason**(1) Problem**

The strobe lights are load-shed if a generator 2 failure occurs. If compliance with Title 14 CFR Part 135, §135.163(f) (Electrical Requirements for Operation of Single-Engine Passenger-Carrying Aircraft under IFR) is required, the strobe lights must remain powered.

(2) Cause

The strobe lights are powered by the Generator 2 bus only.

(3) Solution

Relocate the power supply for the strobe lights from Generator 2 bus to the Main bus.

D. Description

This Service Bulletin gives the data and instructions to move the power supply for the strobe lights from Generator 2 bus to the Main bus.

E. Compliance

Optional.

F. Approval

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

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H. Manpower

Description	Manhours
Preparation	6.0
Modification	2.0
Close up & Test	7.0
TOTAL MAN-HOURS	15.0

I. Weight and Balance

Not changed.

J. Electrical Load Change Data

GENERATOR 2 BUS: -5A
MAIN BUS: +5A

K. Software

Not changed.

L. References

Aircraft Maintenance Manual (AMM)

12-B-20-31-00-00A-071A-A 12-B-24-00-00-00A-901A-A 12-B-25-10-01-00-920A-A
12-B-25-10-03-00-920A-A 12-B-25-21-06-00A-920A-A 12-B-33-40-00-00A-903A-A

M. Publications Affected

Aircraft Maintenance Manual

Wiring Diagram Manual.

N. 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.

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