

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 71-003

REF NO: 105

MODIFICATION NO:

ATA CHAPTER: 71

POWER PLANT - AIR INTAKE MODIFICATION OF THE AIR INTAKE DE-ICING LIP

1. Planning Information

A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft from MSN 181 up to and including MSN 260.

This Service Bulletin will be incorporated prior to delivery on aircraft MSN 261 and subsequent.

NOTE: Apply to PILATUS if it is necessary to modify air intake de-ice lips on pre-MSN 181 aircraft.

B. Concurrent Requirements

None

C. Reason

(1) Problem

Small cracks can occur in the engine air-intake de-ice lip. Crack damage is not easily repaired in the material from which the de-ice lip is manufactured.

(2) Cause

Selection of the material from which the de-lips where manufactured.

(3) Solution

Replace the lip assembly with a new (vacuum-brazed) stainless steel unit.

D. Description

This Service Bulletin gives instructions to replace the lip assembly.

E. Compliance

Optional.

When it is necessary to replace the lip assembly.

NOTE: De-ice lip P/N 530.24.12.082 is not now available.

F. Approval

The technical aspects of this Service Bulletin have been approved by the Federal Office for Civil Aviation (FOCA) of Switzerland.

NOTE: 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	0.5
Modification of the de-ice lip	20
Close up	0.5
TOTAL MAN-HOURS	21

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

H. Weight and Balance

(1) Weight Change

Negligible.

(2) Moment Change

Negligible.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

(1) Aircraft Maintenance Manual (AMM), 71-10-00.

(2) Illustrated Parts Catalog (IPC), 30-20-00 and 71-10-00.

(3) Structural Repair Manual (SRM), 51-40-01.

L. Publications Affected

IPC, 71-10-00.

M. 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, or to:

PILATUS AIRCRAFT LTD.,
CUSTOMER LIAISON MANAGER,
CH 6371 STANS,
SWITZERLAND.

or PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT,
11755 AIRPORT WAY,
BROOMFIELD, CO 80021.
USA

Tel : + 41 41 619 6319 (General aviation)

Tel : + 41 41 619 6509 (Government)

Fax: + 41 41 610 3351

Tel : 303 465 9099

Fax: 303 465 6040

NOTE: Operators are requested to advise Pilatus Aircraft Ltd, using the Service Bulletin Evaluation Sheet, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are allocated for this Service Bulletin.