

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 57-003

REF NO: 058

MODIFICATION NO: 97-0035

ATA CHAPTER: 57

INSTALLATION OF IMPROVED WING TIPS

1. Planning Information

A. Effectivity:

All PC-12 and PC-12/45 aircraft up to and including MSN 683, except for aircraft MSN 545.

B. Concurrent Requirements

None.

C. Reason

New Tiplets can supersede the Winglets that are presently installed. They improve the aircraft's flight characteristics in cross wind conditions.

NOTE: The new Tiplets can be incorporated, at the customers discretion, prior to delivery on new aircraft.

D. Description

Two types of wing tip installation are currently available; winglets (two large wing tips) and tiplets (two smaller wing tips). Both wing tip types are interchangeable, but must be installed in pairs, one on the right wing and one on the left.

This Service Bulletin gives the data and instructions necessary to:

- (1) Remove the weather radar transceiver from the RH winglet.
- (2) Remove the winglets.
- (3) Remove the navigation and strobe lights from the LH and RH winglets.
- (4) Install the weather radar transceiver in the RH triplet.
- (5) Install the navigation and strobe lights in the LH and RH tiplets.
- (6) Install the new LH and RH tiplets.
- (7) Test the navigation and strobe lights.
- (8) Test the weather radar.

Revision 1 corrects the part number of LH Navigation Light Cover which now reads 557.33.12.131. Adds two stencils to install logos on the new triplets, inboard and outboard; thereby amending Figures 3 and 4 to show the stencil location.

Revision 2 changes the Effectivity and updates the Service Bulletin to the latest standard.

E. Compliance

Optional.

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	0.5
Modification	4.0
Test	2.0
Close up	0.5
TOTAL MAN-HOURS	7.0

NOTE: Man-hours figures are calculated for units installed in the aircraft and represent the total time estimated for the task.

H. Weight and Balance

Weight decrease -4.4 lb. (-2.0 Kg), C of G Arm 6,05 m (238.19 in.) and a moment of 12.10 kg-m (1050.23 lb-in.).

I. Electrical Load Data

Not applicable.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM): 20-50-01, 23-60-01, 33-00-00, 33-40-03, 33-40-04, 33-40-05, 43-41-00, 34-41-02, 57-20-01.

Service Bulletin SB 23-001.

L. Publications Affected

Aircraft Maintenance Manual (AMM): 57-20-01.

Illustrated Parts Catalog (IPC): 57-30-00 and 33-40-00.

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:

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

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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.

B. Warranty

Not applicable.