

**WINGS - AILERONS  
INSPECTION OF THE AILERON MASS-BALANCE COUNTERWEIGHT ATTACHMENT****1. Planning Information****A. Effectivity**

Pilatus PC-6 Series aircraft MSNs 337 thru 1005.

Fairchild built PC-6 aircraft MSNs 2001 thru 2092.

**B. Concurrent Requirements**

None.

**C. Reason****(1) Problem**

There are old and new versions of counterweight and it is possible that some bolts that attach the counterweight to the aileron can have inadequate thread engagement.

**(2) Cause**

Several combinations of anchor nuts, bolts and washers can be installed at the aft attachment points. Also, the thickness of the mounting flange on the old version counterweight can vary. Some combinations of counterweight and attaching parts can result in reduced thread engagement.

**(3) Solution**

Do an inspection/check to determine the type of anchor nuts installed at the aft attachment points and, if necessary, the thickness of the mounting flange, then install the counterweight with new bolts and the correct washers.

**D. Description**

This Service Bulletin gives the data and instructions to:

- Remove the counterweight
- Do an inspection/check to determine the type of anchor nuts installed
- On old version counterweights (P/N 6106.0011.00), measure the thickness of the mounting flange
- Install the counterweight with the correct bolts and washers

**E. Compliance**

Mandatory.

At the next annual inspection, or 12 calendar months, whichever comes first.

**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**

	Total
Preparation	0.25
Procedure	0.50
Close up	0.50
<b>TOTAL MAN-HOURS</b>	<b>1.25</b>

**I. Weight and Balance****(1) Weight Change**

None.

**(2) Moment Change**

None.

**J. Electrical Load Data**

Not changed.

**K. Software**

Not changed.

**L. References**

Aircraft Maintenance Manual (Holders of Doc. No. 01975 only): 20-31-00.

**M. Publications Affected**

Aircraft Maintenance Manual (AMM): 57-61-11.

Illustrated Parts Catalog (IPC): 57-61-01.

**N. Interchangeability of Parts**

Post SB 57-006: If you remove a counterweight you must install it with the same type and length of bolts, and the same type and quantity of washers, in the same positions, as you removed.

**2. Material Information****A. Material - Price and Availability**

No Modification Kit is required for this Service Bulletin.

Operators who require further information and/or Service Bulletin material should contact their Authorized Pilatus Service Center, or: .

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