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TO HOLDERS OF:

**PC-6 AIRCRAFT MAINTENANCE MANUAL**

**DOCUMENT NUMBER 01975**

**REVISION 30**

**DATED OCT 30/20**

**HIGHLIGHTS**

Pages which have been added or revised are given below together with the highlights of the revision. Remove and insert the affected pages as listed.

	<b>Remove</b>	<b>Insert</b>	<b>Reason for Change</b>
<b>Chapter 04 - Airworthiness Limitations</b>			
04-LEP	1 and 2	1 and 2	Updated.
04-00-00	1 thru 6	1 thru 6	Inspection note added.
<b>Chapter 05 - Time Limits/Maintenance Checks</b>			
05-LEP	1 and 2	1 and 2	Updated.
05-10-10	1 thru 4	1 thru 4	Text updated.
05-23-01	1 thru 12	1 thru 12	Text updated.
<b>Chapter 06 - Dimensions and Areas</b>			
06-LEP	1 and 2	1 and 2	Updated.
06-00-00	1 thru 7	1 thru 8	Text updated.
<b>Chapter 20 - Standard Practices</b>			
20-LEP	1 and 2	1 and 2	Updated.
20-10-01	201 thru 206	201 thru 214	Procedures updated.
20-10-06	201 thru 216	201 thru 220	Procedures updated.
20-31-00	1 thru 38	1 thru 38	Consumables updated.
<b>Chapter 27 - Flight Controls</b>			
27-LEP	1 thru 4	1 thru 4	Updated.
27-00-00	601 thru 604	601 thru 604	Procedure updated.

**Chapter 53 - Fuselage**

53-LEP	1 and 2	1 and 2	Updated.
53-00-01	601 thru 606	601 thru 608	Procedure updated.
53-30-00	601 thru 610	601 thru 610	Procedure updated.

**Chapter 57- Wings**

57-LEP	1 and 2	1 and 2	Updated.
57-00-00	401 thru 408	401 thru 408	Procedure updated.
57-00-01	401 thru 403	401 thru 404	Procedure updated.

**Record of Revisions Sheet**      Record incorporation of this revision and date of incorporation.

**Record of Temporary  
Revisions Sheet**                      No changes.

# PILATUS PC-6 MAINTENANCE MANUAL

## AIRWORTHINESS LIMITATIONS

### 1. General

The Airworthiness Limitations section is EASA approved and variations must also be approved.

The Airworthiness Limitations section is also FAA approved for US registered aircraft in accordance with FAR 21.29.

The Airworthiness Limitations section is FAA approved and specifies maintenance required under 14 CFR 43.16 and 91.403 unless an alternate program has been FAA approved.

On any PC-6, do not install the following parts:

Mechanical stabilizer trim system:

Connecting pieces 6232.0026.XX manufactured by Fairchild. The Fairchild part has a rivet in the center that is not on the Pilatus part (refer also to SB 53-001, Rev. 1).

Electrical stabilizer trim system:

Fitting 116.40.06.033 without index after part number (refer also to SB 53-001, Rev. 1).

### 2. Mandatory Structural Inspections

Item	Maintenance Requirement	Interval
<b>Chapter 27 - Flight Controls</b>		
Aileron, Rudder, Elevator and Flap Bellcranks and Levers	Examine (Non Destructive Inspection, see NOTE F below)	7000 flying hours or 14 years (whichever comes first)
Aileron Trim Screw-Actuator (Mechanical System)	Check for backlash. The maximum permitted backlash is 0,3 mm (0.012 in.)	3500 flying hours or 7 years (whichever comes first)
<b>Chapter 53 - Fuselage</b>		
Stabilizer Trim Attachment Components, FR12A	Examine (Ref. 53-30-00. Page Block 601)	1100 flying hours or 12 months (whichever comes first) See NOTE C and NOTE G below
FR12A	Examine (Ref. 53-30-00. Page Block 601)	1100 flying hours or 12 months (whichever comes first) See NOTE C and NOTE G below
Fuselage - Wing-Strut Attachment-Brackets	Examine (Ref. 53-28-00. Page Block 601)	3500 flying hours or 7 years (whichever comes first)

EFFECTIVITY: All

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**MAINTENANCE MANUAL**

Item	Maintenance Requirement	Interval
Right Wing-Strut Fitting (P/N 6102.0041.00, 111.35.06.056, 111.35.06.184 or 111.35.06.186)	Examine (Ref. 57-00-02, Page Block 601 - Check 2 - Eddy Current Inspection (Ref. SRM 51-00-09))	1100 flying hours or 12 months (whichever comes first) See NOTE D and NOTE G below
Left Wing-Strut Fitting (P/N 111.35.06.193, 111.35.06.195, 111.35.06.216 or 111.35.06.217)	Examine (Ref. 57-00-02, Page Block 601 - Check 2 - Eddy Current Inspection (Ref. SRM 51-00-09))	12 months See NOTE D and NOTE G below
Right Wing-Strut Fitting (P/N 111.35.06.194, 111.35.06.195, 111.35.06.216 or 111.35.06.218)	Examine (Ref. 57-00-02, Page Block 601 - Check 2 - Eddy Current Inspection (Ref. SRM 51-00-09))	12 months See NOTE D and NOTE G below
Wing to Fuselage Fittings	Examine (Ref. 57-00-03, Page Block 601)	7000 flying hours or 14 years (whichever comes first)
Aileron/Flap Support-Brackets	Examine (Ref. 57-26-01, Page Block 601 - Non Destructive Inspection, see NOTE F below)	7000 flying hours or 14 years (whichever comes first)

**NOTE A:** Refer to the appropriate engine and propeller maintenance manuals for the applicable airworthiness limitations.

**NOTE B:** If any of the above maintenance tasks were accomplished in accordance with an earlier revision of this AMM, the relevant interval starts from that date, except for items with NOTES C or D.

**NOTE C:** For parts with 1000 flying hours or more since the completion of SB 53-003 part B, the maintenance task must be accomplished within 100 flying hours or 100 landings, whichever comes first.

**NOTE D:** If the maintenance requirement of this task was accomplished as part of SB 57-005 or superordinate ADs, the interval starts from that date.

**NOTE E:** Any maintenance task listed above for which NOTES B, C or D do not apply must be accomplished within 12 months from the effective date of Feb 28/10.

**NOTE F:** You can do a Fluorescent Dye Penetrant Inspection or an Eddy Current Inspection (Ref. SRM 51-00-09).

**NOTE G:** A 10% tolerance only to the calendar time interval is applicable.

**EFFECTIVITY:** All

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**NOTE I:** In accordance with the design, the bush (P/N 6100.0020.01) must be installed with grease. If the bush (P/N 6100.0020.01) has been bonded as instructed in the AMM Doc No. 01975 Revision 29 (Feb 28/20) (Ref. 53-00-01, Page Block 601), the inspection / check of Frame 3 must be done again:

- Within 100 flying hours of the issue date of AMM Doc No. 01975 Revision 30 (Oct 30/20)
- With AMM Doc No. 01975 Revision 30 (Oct 30/20) or later versions of 53-00-01, Page Block 601
- Remove and discard the bonded bush (P/N 6100.0020.01) as described for the bonded bush (P/N 6201.0107.01).

### 3. Life Limited Items

Item	Maintenance Requirement	Interval
<b>Chapter 25 - Equipment and Furnishings</b>		
Halon Fire Extinguisher (if installed)	Replace (discard)	10 years
<b>Chapter 27 - Flight Controls</b>		
Flight Control Chains (Mechanical Trim and Flaps)	Replace (discard)	7000 flying hours or 14 years (whichever comes first)
Aileron Attachment Bolts	Replace (discard)	7000 flying hours or 14 years (whichever comes first)
Elevator Attachment Bolts	Replace (discard)	7000 flying hours or 14 years (whichever comes first)
Rudder Attachment Bolts	Replace (discard)	7000 flying hours or 14 years (whichever comes first)
Flap Attachment Bolts	Replace (discard)	7000 flying hours or 14 years (whichever comes first)
Horizontal-Stabilizer Attachment-Bolts	Replace (discard)	7000 flying hours or 14 years (whichever comes first)
Stabilizer Trim Actuator (Mechanical Trim)	Overhaul	3500 flying hours
Stabilizer Trim Actuator (Electrical Trim)	Overhaul	3500 flying hours
Flap Actuator (Electrical System) All models except P/Ns 978.73.14.101 and 978.73.14.103 (listed below)	Overhaul	3500 flying hours or 7 years (whichever comes first)

**EFFECTIVITY:** All