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TO HOLDERS OF:

**PC-6 AIRCRAFT MAINTENANCE MANUAL**

**DOCUMENT NUMBER 01975**

**REVISION 29**

**DATED FEB 28/20**

**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	Inspections and P/N data added.
<b>Chapter 05 - Time Limits/Maintenance Checks</b>			
05-LEP	1 and 2	1 and 2	Updated.
05-TOC	1 and 2	1 and 2	Updated.
05-21-00	1	-	Page Block removed.
05-21-01	1 thru 4	-	Page Block removed.
05-21-02	1 and 2	-	Page Block removed.
05-21-03	1 and 2	-	Page Block removed.
05-22-01	1 thru 12	1 thru 12	Item 55A added and Item 31 updated.
05-24-01	1 thru 14	1 thru 14	Item 29 removed.
<b>Chapter 12 - Servicing</b>			
12-LEP	1 and 2	1 and 2	Updated.
12-27-61	301 thru 303	301 thru 304	Procedure updated reference Hartzel HC-SL-61-366.
<b>Chapter 20 - Standard Practices</b>			
20-LEP	1 and 2	1 and 2	Updated.
20-TOC	1 and 2	1 and 2	Updated.
20-31-00	1 thru 36	1 thru 38	Consumables updated.
20-40-20	-	201 and 202	New procedure added.

# PUBLICATION TRANSMITTAL LETTER

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## Chapter 32 - Landing Gear

32-LEP	1 and 2	1 and 2	Updated.
32-TOC	1 and 2	1 thru 4	Updated.
32-42-13	401 thru 406	401 thru 406	Procedure updated.
32-42-14	401 thru 403	401 thru 404	Procedure updated.
32-51-13	601 and 602	601 and 602	Procedure updated.
32-71-13	-	401 thru 410	New procedure added.

## Chapter 53 - Fuselage

53-LEP	1 and 2	1 and 2	Updated.
53-TOC	1 and 2	1 and 2	Updated.
53-00-01	-	601 thru 606	New procedure added.
53-30-00	601 thru 610	601 thru 610	Procedure updated.

## Chapter 57- Wings

57-LEP	1 and 2	1 and 2	Updated.
57-TOC	1 and 2	1 and 2	Updated.
57-00-00	401 thru 408	401 thru 408	Procedure updated.
57-00-01	601 thru 604	601 thru 612	Procedure updated.
57-00-03	-	601 thru 606	New procedure added.

## Chapter 61- Propeller

61-LEP	1 and 2	1 and 2	Updated.
61-10-01	401 thru 406	401 thru 406	Procedure updated.

## Chapter 71- Powerplant

71-LEP	1 and 2	1 and 2	Updated.
71-00-00	401 thru 440	401 thru 440	Procedure updated.
71-00-00	501 thru 558	501 thru 560	Procedure updated.

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

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

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**CHAPTER 04 - AIRWORTHINESS LIMITATIONS**  
**LIST OF EFFECTIVE PAGES**

<b>Chapter Section Subject</b>	<b>Pages</b>	<b>Date</b>
List of Effective	1	Feb 28/20
Pages	2	Feb 28/20
Table of Contents	1	Feb 28/10
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## 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)
Fuselage Wing Fittings	Examine (Ref. 53-00-01, Page Block 601)	7000 flying hours or 14 years (whichever comes first)

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Item	Maintenance Requirement	Interval
<b>Chapter 55 - Stabilizers</b>		
Trim Actuator Attachment	Examine (Ref. 55-11-11, Page Block 601)	1100 flying hours or 12 months (whichever comes first) See NOTE C and NOTE G below
<b>Chapter 57 - Wings</b>		
Left and Right Wing-Strut Fitting (All P/Ns)	Examine (Ref. 57-00-02, Page Block 601 - Check 1 - Visual Inspection)	Aircraft registered in the USA (N-registration): 3 months  All other aircraft: 3 months (See NOTE 1) 6 months (See NOTE 2) 12 months (See NOTE 3)  <b>NOTE 1:</b> For aircraft that operate in a severe Corrosion Severity Zone (Ref. AMM, 20-40-00, Page Block 1)  <b>NOTE 2:</b> For aircraft that operate in a moderate Corrosion Severity Zone (Ref. AMM, 20-40-00, Page Block 1)  <b>NOTE 3:</b> For aircraft that operate in a mild Corrosion Severity Zone (Ref. AMM, 20-40-00, Page Block 1)  See NOTE D and NOTE G below
Left Wing-Strut Fitting (P/N 6102.0041.00, 111.35.06.055, 111.35.06.184 or 111.35.06.185)	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
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

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Item	Maintenance Requirement	Interval
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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