

PILATUS
PC-7
MAINTENANCE MANUAL

Component	Maximum Life	Overhaul Interval
Brake fluid reservoir bellows Brake units	1000 flying hours or 3 years	Overhaul when brake linings are worn beyond limits. (Ref. BF Goodrich CMM, Chap 32)
Chapter 35 - Oxygen Oxygen cylinder and pressure reducer Deleted Deleted Regulator panels Flexible hoses	15 years (Only if Part No. EROS GCD 1411 is installed) 4 years	5 years (hydrostatic test) 5 years
Chapter 55 - Stabilizers Bolts, horizontal stabilizer spar / fuselage attachment Nuts, horizontal stabilizer spar / fuselage attachment	1000 flying hours 1000 flying hours	
Chapter 57 - Wings Deleted Bolts, wing attachment (U bracket, main and auxiliary spars) Deleted Nuts, wing attachment (U bracket, main and auxiliary spars)	5000 flying hours 5000 flying hours	
Chapter 61 - Propeller Propeller (with attachment bolts) Propeller blades Propeller overspeed governor	 9795 flying hours	3000 flying hours or 5 years whichever comes first (Ref. Hartzell SL 61, Latest Revision) Engine TBO + 500 hours
Chapter 71 - Powerplant Engine Engine accessories Engine hot section Engine rotor components Engine shockmounts	 Refer to P&WC SB 1402	3000 flying hours (Ref. P&WC SB 1003) 3000 flying hours (Ref. P&WC SB 1003) 1500 flying hours (Ref. P&WC SB 1003) 3000 flying hours

EFFECTIVITY: All

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Item	Inspection Requirement	Interval
Deleted Deleted Flap pivot arm assembly	Examine (Ref. 27-50-00, Page Block 601)	Threshold inspection at 30 April 2021 if installed before 30 April 2016, then every 5 years. 5 years if installed after 29 April 2016.
Chapter 28 - Fuel Contents indication system and low level switch	Do the adjustment / test (Ref. 28-40-00, Page Block 201)	2 years
Chapter 31 - Indicating and Recording Deleted Deleted		
Chapter 32 - Landing Gear Nose landing gear folding strut assembly, upper (Part No. 114.48.07.142) Main landing gear rotary actuator Main landing gear screw actuators Nose landing gear screw actuator Nose landing gear screw actuator Main and nose wheels Main and nose gear struts	Magnetic particle inspection crack detect the drive axle Examine the brushes for wear (Ref. 32-30-01, Page Block 601) Do a check of the axial play (Ref. CMM 32-31-01, Page Block 5001) Do a check of the axial play (Ref. CMM 32-31-02, Page Block 5001) Do the Inspection / Check (Ref. 32-30-02, Page Block 601) Examine (Ref. BFG CMM) Replace the hydraulic fluid (Ref. CMM 02069 / 02070)	7000 landings 3000 landing gear cycles 1500 landing gear cycles 1500 landing gear cycles 500 landing gear cycles At each tire replacement 5 years (Do with High Time Inspection) Initial compliance for aircraft more than 5 years old: At the next Detailed Inspection

EFFECTIVITY: All