

PC-6 Overhaul Replacement

OVERHAUL AND REPLACEMENT SCHEDULE - SCHEDULED INSPECTIONS

Revision No.: 13 / Issue date: 31-October-2010

Description	Inspection requirements	Interval		Partno.	Serial No.	Comp. Hrs.	last done at/ at		next due at/ at		Sign. / Date	
		hours	cycles				calendar	calendar	hours	cycles		calendar
HB-FLK ; SIN: 779	PILCAMOPUS											
Aircraft HRS., Cycles and Calendar data							14534:03	17945	19.09.11			
Pre Calculation							14434:03	17845	21.07.11			

06 TIME LIMITS

12 SERVICING

21 AIR CONDITIONING

22 AUTO FLIGHT

23 COMMUNICATIONS

24 ELECTRICAL POWER

Starter-Generator
Remove for Overhaul
Ref. 24-31-11, Page Block 401 CONFIG 1 or 2

1000							13776:59	16425	24.07.09	14776:59		
------	--	--	--	--	--	--	----------	-------	----------	----------	--	--

26 EQUIPMENT AND ACCESSORIES

Safety Harnesses

Discard, max Life
Ref. 05-10-10, Page Block 1

							12296:09	9891	14.02.05			14.02.15
--	--	--	--	--	--	--	----------	------	----------	--	--	----------

EL T battery (if inst.)

Discard, max Life
Ref. 05-10-10, Page Block 1

as stc							13977:42		07.05.10			28.02.13
--------	--	--	--	--	--	--	----------	--	----------	--	--	----------

First aid kit (if inst.)

Remove for Overhaul
Ref. 05-10-10, Page Block 1

									25.02.11			25.02.12
--	--	--	--	--	--	--	--	--	----------	--	--	----------

Powder fire extinguisher P/N 959.08.01.352 (if installed)

Discard, max Life
Ref. 05-10-10, Page Block 1

									25.02.11			25.02.14
--	--	--	--	--	--	--	--	--	----------	--	--	----------

26 FIRE PROTECTION

27 FLIGHT CONTROL

Rudder bearing

Discard, max Life
Ref. 05-10-10, Page Block 1

3500							12296:09		14.02.05	15796:09		14.02.12
------	--	--	--	--	--	--	----------	--	----------	----------	--	----------

Control column aileron/pitch trim switch

Discard, max Life
Ref. 05-10-10, Page Block 1

3500							12922:07		23.03.07	16422:07		23.03.17
------	--	--	--	--	--	--	----------	--	----------	----------	--	----------

Aileron trim actuator (electrical system)

Remove for Overhaul
Ref. 27-15-13, Page Block 401

3500										3500:00		?
------	--	--	--	--	--	--	--	--	--	---------	--	---

Rudder trim actuator (electrical trim)

Remove for Overhaul
Ref. 27-25-13, Page block 401

3500										3500:00		?
------	--	--	--	--	--	--	--	--	--	---------	--	---

28 FUEL

Flexibel hoses (P/N 115.55.06.135, 115.55.06.136, 6538.0043.00)

Discard, max Life
Ref. 05-10-10, Page Block 1

							12296:09		14.02.05			14.2.15
--	--	--	--	--	--	--	----------	--	----------	--	--	---------

Fuel filter element (airmaze) - cleanable type

Discard, max Life
Ref. 28-21-12, Page Block 401

600							14079:18	17378	13.07.10	14679:18		
-----	--	--	--	--	--	--	----------	-------	----------	----------	--	--

Fuel filter element (Zenith) - disposable type

Discard, max Life
Ref. 28-21-11, Page Block

100										100:00		N/A
-----	--	--	--	--	--	--	--	--	--	--------	--	-----

Transfer pumps - underwing tanks (if installed)

Discard, max Life
Ref. 28-25-11, Page Block 401 CONFIG 1 or 2

7000										7000:00		Installed ?
------	--	--	--	--	--	--	--	--	--	---------	--	-------------

Engine driven fuel pump

Remove for Overhaul
Ref. 28-20-03, Page Block 401

3500							11997:25		02.06.04	15497:25		
------	--	--	--	--	--	--	----------	--	----------	----------	--	--

Auxiliary fuel pump

Remove for Overhaul
Ref. 28-23-12, Page Block 401

1200							13683:14		03.06.09	14883:14		3.6.16
------	--	--	--	--	--	--	----------	--	----------	----------	--	--------

29 HYDRAULIC

30 ICE AND RAIN PROTECTION

31 INDICATING AND RECORDING SYSTEM

32 LANDING GEAR

PC-6 Overhaul Replacement

Description	Inspection requirements	Interval		Partno	Serial No.	Comp. Hrs.	Aircraft HRS., Cycles and Calendar data		next due at a/c		Sign./ Date		
		hours	cycles				hours	cycles	calendar	hours		cycles	calendar
Flexibel hoses	Discard, max Life Ref. 05-10-10, Page Block 1						12296:09	9891	14.02.05	14434:03	17845	21.07.11	
Main landing gear assembly LH	Remove for Overhaul Ref. 32-1-1-1, Page Block 401 CONFIG 1 or 2	7000					9062:31		04.03.97	7000:00		4.3.11	Overhaul Extension until 31.10.2011
Main landing gear assembly RH	Remove for Overhaul Ref. 32-1-1-1, Page Block 401 CONFIG 1 or 2	7000					9062:31		04.03.97	7000:00		4.3.11	Overhaul Extension until 31.10.2011
Main gear shock struts LH	Remove for Overhaul Ref. 32-1-1-12, Page Block 401		10000				12296:09	9891	14.02.05		19891	14.2.12	
Main gear shock struts RH	Remove for Overhaul Ref. 32-1-1-12, Page Block 401		10000				12296:09	9891	14.02.05		19891	14.2.12	
Tail shock strut	Remove for Overhaul Ref. 32-7-1-12, Page Block 401 CONFIG 1 or 2		10000				12296:09	9891	14.02.05		19891	14.2.12	
Tail landing gear assembly	Remove for Overhaul Ref. 32-7-1-11, Page Block 401		3500				12296:09	9891	14.02.05	15796:09		14.2.12	
Tail landing gear assy	Remove for Overhaul Ref. 32-7-1-11, Page Block 401		3500				12296:09	9891	14.02.05	15796:09		14.2.12	
Brake unit LH	Remove for Overhaul Ref. 32-42-1-1, Page Block 401		3500				12296:09	9891	14.02.05	15796:09		14.2.12	
Brake unit RH	Remove for Overhaul Ref. 32-42-1-1, Page Block 401		3500				12296:09	9891	14.02.05	15796:09		14.2.12	
Brake unit LH (nur Beringer)	Remove for Partial Overhaul Ref. Manual BRG-AL-TP-01											31.12.03	N/A
Brake unit RH (nur Beringer)	Remove for Partial Overhaul Ref. Manual BRG-AL-TP-01											31.12.03	N/A
Main wheel unit (nur Beringer)	Remove for Partial Overhaul Ref. Manual BRG-AL-TP-01		3500				3500:00		31.12.06	7000:00		31.12.13	N/A
Main wheel unit (nur Beringer)	Remove for Overhaul Ref. Manual BRG-AL-TP-01		7000				7000:00		31.12.13	7000:00		31.12.13	N/A
Tail wheel unit (nur Beringer)	Remove for Partial Overhaul Ref. Manual BRG-AL-TP-01		3500						31.12.06	3500:00		31.12.06	N/A
Tail wheel unit (nur Beringer)	Remove for Overhaul Ref. Manual BRG-AL-TP-01		7000						31.12.13	7000:00		31.12.13	N/A
33 LIGHTS													
34 NAVIGATION													
35 OXYGEN													
Oxygen Cylinder DOT3AAV1800	Remove for Overhaul Ref. 35-00-00, Page Block 201												N/A
Oxygen Cylinder DOT3AAV1800	Remove for Overhaul Ref. 35-00-00, Page Block 201												N/A
Oxygen Cylinder DOT3HTT1850	Remove for Overhaul Ref. 35-00-00, Page Block 202												N/A
Oxygen Cylinder DOT3HTT1850	Remove for Overhaul Ref. 35-00-00, Page Block 203												N/A
Oxygen Cylinder DOT3HTT1850	Discard, max Life Ref. 35-00-00, Page Block 204												N/A
Oxygen Cylinder DOT3HTT1850	Discard, max Life Ref. 35-00-00, Page Block 205												N/A
37 VACUUM													

PC-6 Overhaul Replacement

Description	Inspection requirements	Interval		Partno.	Serial No.	Comp. Hrs.	last done at etc		next due at etc		Sign. / Date
		hours	Cycles				hours	Cycles	calendar	hours	
HB-FLK : SIN: 779	PILCAMPPlus										
Vacuum system air filter (D9-18-1)	Discard, max Life Ref: 37-10-02, Page Block 401	500		1 year			14252:08		25.02.11	14752:08	25.2.12
62 DOORS											
63 FUSELAGE											
65 STABILIZER											
66 WINDOWS & CANOPIES											
67 WINGS											
61 PROPELLER											
Propeller (with attachment bolts)	Remove for OH - Hartzell SIL 61 Ref: 61-10-01, Page Block 401	3000		5 years						3000:00	31.12.04
Propeller 4 blade (with attachment bolts)	Remove for OH - Hartzell SIL 61 Ref: 61-10-01, Page Block 401	4000		6 years			12922:07		23.03.07	16922:07	23.3.13
Propeller overspeed governor (PT6A-27)	Remove for OH Ref: 71-00-00, Page Block 401	4100					11893:16		12.02.04	15993:16	
Propeller overspeed governor (PT6A-34)	Remove for OH Ref: 71-00-00, Page Block 401	4500								4500:00	
71 POWER PLANT											
Engine	Remove for OH - P&W SB 1803 Ref: 71-00-00, Page Block 401	3600					11893:16	8762	12.02.04	15493:16	
Engine Accessories	Overhaul Intervals Ref: P&W SB 1803										
Engine Rotor Components	Life Limits Ref P&W SB 1002										
Engine Hot Section (HSI)	Engine Hot Section Inspection Ref. P&W SB 1803	1800					13703:32	16199	26.08.09	15503:32	
Engine Shockmounts	Remove for Overhaul Ref: 71-00-00, Page Block 401	3600					11893:16	8762	12.02.04	15493:16	
72 ENGINE											
73 ENGINE FUEL AND CONTROL											
74 IGNITION											
76 ENGINE CONTROL											
77 ENGINE INDICATING											
Flexible Hose (P/N 6501.0131.00)	Discard, max Life Ref: 77-11-01, Page Block 401 Config 1 and 2			10 years			12922:07	14033	23.03.07		23.3.17
78 EXHAUST											
79 OIL											
Oil cooler	Remove for Overhaul Ref: 79-11-11, Page Block 401	3500					12576:27		15.09.05	16076:27	
Oil cooler shockmounts	Discard, max Life Ref: 79-11-11, Page Block 401	3500		7 years			12576:27		15.09.05	16076:27	15.9.12
Flexible hoses (P/N 115.60.06.054, 115.60.06.045, 6543.0111.00)	Discard, max LifeRef: 71-00-00, Page Bloc			10 years			12922:07		23.03.07		23.3.17
80 STARTING											
91 AIR VEHICLE WIRING											
95 CREW ESCAPE& SAFETY											
OVERHAUL AND REPLACEMENT SCHEDULE	AMM 01975 Chapter 4/5						14434:03	17845	19.8.11		no maintenance required

PC-6 Time Limited Inspections

TIME LIMITED INSPECTION REQUIREMENTS - SCHEDULED INSPECTIONS

ACCORDING Aircraft Maintenance Manual No. 01975 Chapter 5

Revision No: 13 / Issue date: 31-October-2010

Description	Inspection requirements	Interval		Partno.	Serial No.	Comp. Hrs	last done at etc		next due at etc		Sign. / Date	
		hours	cycles				calendar	calendar	hours	cycles		calendar
Aircraft HRS., Cycles and Calendar data Pre Calculation												
HB-FLK ; S/N: 779		Piatus CAMOpilus		14534:03		17945		21.07.11		10.09.10		
06 TIME LIMITS												
100 Hrs / Annual inspection	100 Hrs. Inspection Ref: 05-22-00, Page Block 1	100		1 year			14434:03	17945	22.07.11	14534:03	22.07.12	
Partial overhaul	Inspection Ref: 05-23-00, Page Block 1	3500		7 years			12296:00	9991	14.02.05	15796:00	14.02.12	
Complete overhaul	Inspection Ref: 05-24-00, Page Block 1	7000		14 years			9062:00	04.03.07	16062:00	04.03.11	Overhaul Extension until 31.10.2011	
Periodic weight and balance check	Every 4 Years for Commercial OPS Every 10 Years for Private OPS I.a.w. FOCA TM 73.920-12			10 Years					25.02.11		25.02.21	
12 SERVICING												
ARC / Lufttuchtigkeit	Last day			1 year					24.02.11		24.02.12	
Pil CAMO ARC Form 15b; (full ARC)	Last day			3 years					24.02.11		24.02.14	
Pil CAMO ARC Form 15b; Extension (2x)	Last day			1 year					24.02.11		24.02.12	
21 AIR CONDITIONING												
22 AUTO FLIGHT												
23 COMMUNICATIONS												
24 ELECTRICAL POWER												
Hawker NiCad Battery (if installed)	Remove and service Ref: 24-32-11, Page Block 401 and Battery CMM	300		3 mth					300:00		31.03.00	N/A
Marathon NiCad Battery (if installed)	Remove and service Ref: 24-32-11, Page Block 401 and Battery CMM	100		3 mth					100:00		31.03.00	N/A
Hawker Lead Acid Battery (if installed)	Remove and service (initial) Ref: 24-32-11, Page Block 401 and Battery CMM	4500		18 mth					4500:00		30.06.01	Neuinstall. Checken
Hawker Lead Acid Battery (if installed)	Remove and service (if the capacity is more than 90% of the new capacity do the subsequent test) Ref: 24-32-11, Page Block 401 and Battery CMM	1500		6 mth			14252:08		25.02.11	15752:08	25.06.11	
Hawker Lead Acid Battery (if installed)	Remove and service (if the capacity is between 81% and 90% of the new capacity do the subsequent test) Ref: 24-32-11, Page Block 401 and Battery CMM	750		3 mth					750:00		31.03.00	n/A
Concorde Lead Acid Battery (if installed)	Remove and service (initial) Ref: 24-32-11, Page Block 401 and Battery CMM	600		12 mth					600:00		31.12.00	N/A

PC-6 Time Limited Inspections

Description	Inspection requirements	Interval		Partno.	Serial No.	Comp. Hrs.	Aircraft HRS., Cycles and Calendar data		Sign. / Date	
		hours	calendar				hours	calendar		
HB-FKL :S/N: 779	Pilatus CAMOpus									
Concorde Lead Acid Battery (if installed)	Remove and service (Subsequent test) Ref. 24-32-11, Page Block 401 and Battery CMM	200	4 mth						N/A	
Emergency Battery (if installed)	Remove and service capacity Rev. CMM		12 mth						N/A	
Starter/Generator Brushes	Check for Wear Ref. 24-31-11, Page Block 601	200				14350:17	17.06.11	14550:17		
26 EQUIPMENT AND ACCESSORIES										
Halon Fire Extinguisher P/N 959.08.06.211 (if installed)	Examine and Check Contents Ref. 05-10-20, Page Block 1		1 year						31.12.00	
Powder Fire Extinguisher	Examine and weigh - Max permitted weight loss is 10 grams (0.35 oz) Check pressure Ref. 05-10-20, Page Block 1		1 year	PM1					31.12.00	
Halon Fire Extinguisher P/N 959.08.06.211 (if installed)	Hydrostatic Test Ref. 05-10-20, Page Block 1		12 years						31.12.11	
ELT (if installed)	Operational Test Ref. 25-63-00, Page Block 501		1 year						31.12.00	
27 FLIGHT CONTROL										
Alleron Control Cables and Pulleys	Examine Ref. 27-00-00, Page Block 601	3500	7 years			12296:09	14.02.05	15796:09	14.02.12	
Rudder cables & Pulleys	Examine Ref. AMM 27-00-00, page 601	3500	7 years			12296:09	14.02.05	15796:09	14.02.12	
Elevator Control Cables and Pulleys	Examine Ref. AMM 27-00-00, page 601	3500	7 years			12296:09	14.02.05	15796:09	14.02.12	
Trim cables (if installed)	Examine Ref. AMM 27-00-00, page 601	3500	7 years			12296:09	14.02.05	15796:09	14.02.12	
28 FUEL										
Fuel filter element (airmaze P/N: OW1702-231)	Clean Ref. AMM 28-21-12, page 701)	50				14434:03	22.07.11	14484:03	N/A	
Fuel filter element (airmaze P/N: OW2440-231)	Clean Ref. AMM 28-21-12, page 701	100				14434:03	22.07.11	14534:03		
Engine driven fuel pump	Check drive shaft for backlash Ref. 28-20-03, Page Block 601	400				14183:07	25.06.10	14583:07		
30 ICE AND RAIN PROTECTION										
31 INDICATING AND RECORDING SYSTEMS										
32 LANDING GEAR										
Main and Tailwheels	Crack detect the wheel halves as given in the latest revision of ABSC CMM AP 440 Magnetic particle inspect the tie bolts	each tire change				13884:33	11.09.09			

PC-6 Time Limited Inspections

Description	Inspection requirements	Interval		Partno.	Serial No.	Comp. Hrs.	hours		last done at a/c		hours		next due at a/c		Sign. / Date
		hours	Cycles				calendar	calendar	calendar	calendar	hours	cycles	calendar	calendar	
HB-FLK -S/N- 779	Pilatus CAMOplus	Aircraft HRS., Cycles and Calendar data													
100 Hrs. Inspection Beringer Brakes & Wheels	100 Hrs. Inspection Beringer Brakes & Wheels performed i.a.w. MC-STC-002, chapter 3.2, Rev.0	100										14434:03	17845	21.07.11	N/A
Annual Inspection Beringer Brakes & Wheels	Annual Inspection Beringer Brakes & Wheels performed i.a.w. MC-STC-002, chapter 3.2, Rev. 0			1 year										31.12.00	N/A
33 LIGHTS															
34 NAVIGATION															
Pilot static system	Leak check Ref. 34-11-00, Page Block 501	600		2 years			13977:42		07.05.10		14577:42			07.05.12	
Pilot static system	Drain Ref. 34-11-00, Page Block 501			2 years			13977:42		07.05.10					07.05.12	
Standby Magnetic Compass	Check swing i.a.w. FOCA TM-W-F20.040-00 Ref. 34-21-00, Page Block 501			2 years			14252:08		25.02.11					25.02.13	
Allimeter encoding IFR	Functional test of system (Benchmark i.a.w. TM-W 20.020-20 and FAA FAR 91.411 and FAR 43 Appx E)			2 years										31.12.01	no IFR
2nd altimeter IFR	Functional test of system (Benchmark i.a.w. TM-W 20.020-20 and FAA FAR 91.411 and FAR 43 Appx E)			2 years										31.12.01	no IFR
Allimeter encoding VFR	Functional test of system (Benchmark i.a.w. TM-W 20.020-20 and FAA FAR 91.411 and FAR 43 Appx E)			o/c											o/c
2nd altimeter VFR	Functional test of system (Benchmark i.a.w. TM-W 20.020-20 and FAA FAR 91.411 and FAR 43 Appx E)			o/c											o/c
Transponder system	Functional test of system (i.a.w. TM 20.100.20 and EASA AD 2006 265)			2 years			13977:42		07.05.10					07.05.12	
Annual radio check IFR	Ref. BAZL guidelines TM-R LT02.020-10			1 year										31.12.00	no IFR
35 OXYGEN															
37 VACUUM															
51 STRUCTURES															
Complete structure internal and external	Look for corrosion Ref. 05-10-20, Page Block 1			1 year			14252:08		25.02.11					25.02.12	
53 FUSELAGE															
Fuselage: Seat attachments and surrounding structure	Examine Ref. 05-10-20, Page Block 1			2 years			13977:42		07.05.10					07.05.12	
55 STABILIZER															
56 WINDOWS & CANOPIES															
Emergency windows (Aircraft without pilot/co-pilot doors)	Check operation, lubricate seals (Material No. P04-018) Ref. 05-10-20, Page Block 1	300		1 year							300:00			31.12.00	N/A
57 WINGS															
61 PROPELLER															

PC-6 Time Limited Inspections

Description	Inspection requirements	Interval			Partno	Serial No.	Camp. Hrs	hours done at d/c			next due at d/c			Sign./Date	
		hours	cycles	calendar				hours	cycles	calendar	hours	cycles	calendar		
HB-FLK - S/N: 779	Pilatus CAMOpilus	Aircraft HRS., Cycles and Calendar data													
Propeller	Lubricate Ref. AMM 12-27-61, Page Block 301	100		1 year								100:00		31.12.00	N/A
Propeller Hartzell 4 blade	Lubricate Ref. AMM 12-27-61, Page Block 301	400		1 year			14350:17			17.06.11		14750:17		17.06.12	
Propeller Overspeed Governor	Check operation Ref. 71-00-00, Page 501	200					14434:03			22.07.11		14634:03			
71 POWERPLANT															
Sand filters (if installed)	Clean Ref. AMM 71-12-00, Page 701	25										25:00			N/A
72 ENGINE															
73 ENGINE FUEL AND CONTROL															
74 IGNITION															
76 ENGINE CONTROL															
77 ENGINE INDICATING															
78 EXHAUST															
79 OIL															
Oil separator (if installed)	Drain Ref. 05-10-20, Page Block 1	50										50:00			N/A
80 STARTING															
91 AIR VEHICLE WIRING															
96 CREW ESCAPE& SAFETY															
TIME LIMITED INSPECTION REQUIREMENTS	AMM 01975 Chapter 5						14434:03	17845	19.08.11			no maintenance required			