PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : **Inspection 100 Hours / Annual Due at 100 FH.**	No.	WO/001-SNC/XI/2021
	Date	24-Nov-2021
	A/C Reg.	PK-SNC MSN 1016
Reference : MP PILATUS PC-6 Rev. 0	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection 100 Hours / Annual Due at 100 FH..
2. Make an entry in Maintenance Log.
3. Return the Completed Work Order and Form to PPC.

#If any finding, please close the routine card, and transferred to inspection card.

Additional Work :

-NIL-

Compliance Statement	Sign & Date	Signature
NEXT INSPECTION DUE @ 200 HOURS	Company Lic. No.: SCA 29 05-12-2021 (Engineer In Charge) ARIS KURNIAWAN	(Technical Manager)

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AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
24-Nov-2021	WO/001-SNC/XI/2021	Inspection 100 Hrs / Annual	05/12-2021

A/C Type	Mfg. Serial Number	A/C Registration
PILATUS PORTER PC-6	1015	PK-SNC

AIRCRAFT DATA

Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-PG0567	97:47/54
	#2	-	
Propeller/Rotor	#1	FY4989	97:47/54
	#2	-	
Landing Gear	NLG		97:47/54
	LH MLG		97:47/54
	RH MLG		97:47/54

PACKAGE COVERED

No	Subject	Qty	Remark
1	Non-Routine Card	-	
2	Inspection Card	-	
3	Work Order	1	
4	Summary Inspection List	1	
5	Material and Tool List	-	
6	Escalation form	-	
7	CRS (SMI / Unscheduled Maintenance)	1	

INSPECTION CARD (IC) LIST (Finding during maintenance)

No	Taskcard Ref	Subject	Status		Name/ Sign & Stamp
			Open	Close	
IC-001					
IC-002					
IC-003					
IC-004					
IC-005					
IC-006					

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SUMMARY INSPECTION ITEMS
(Form: SCA/MTC/050)

WO Ref: WO/001-SNC/XI/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX	ENGINE GROUND RUN CHECK SHEET	05/DEC 2021		ARIS KURNIAWAN	
2	APPENDIX	100 HOURS / ANNUAL INSPECTION	03/DEC 2021		ARIS KURNIAWAN	
3	APPENDIX	FUEL DISTRIBUTION SYSTEM – ADJUSTMENT TEST	04/2021 DEC		FEBRI HERMAWAN	
4	APPENDIX	FUEL INDICATING SYSTEM – ADJUSTMENT	04/2021 DEC'		FEBRI HERMAWAN	
5 ✓	APPENDIX	FUEL SYSTEM UNDERWING TANK INSPECTION TRANSFER PUMP FILTERS	04/DEC 21		ARIS KURNIAWAN	
6	APPENDIX	WHEEL AND BRAKES INSPECTION	03/2021 DEC'		FEBRI HERMAWAN	
7	APPENDIX	MAIN WHEEL INSPECTION	N/A	–	N/A	
8	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	05/2021 DEC		ARIS KURNIAWAN	

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PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE	: PILATUS PORTER PC-6	TTSN	: 5711.2
A/C REG	: PK-SNC	TCSN	: 641
MSN	: 1016	DATE	: 03/12-2021

TYPE OF INSPECTION	: INSPECTION 100 HOURS / ANNUAL
DUE AT	: 100 HOURS
REFF	: MP PILATUS PC-6 REV. 0

EXCEPTION

- NIL -

AUTHORIZED PERSON

I hereby certify that this aircraft has been maintained accordance with CASR and Maintenance Program.
Aircraft safe and airworthy for flight

NAME	CAT	AMEL/OTR NO	SIGN&STAMP	DATE
ARIS KURNIAWAN	AIRFRAME & POWER PLANT	9523/SCA29		05/12-2021
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 100 HOURS INSPECTION

DUE AT : 200 HOURS

Form: SCA/MTC/049

Appendix B - Form: **SCA/MTC/049**

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(2)

MAINTENANCE PROGRAM
PILATUS PORTER PC6

Appendix – 100 Hours / Annual Inspection

Ref. AMM Pilatus Porter PC6 Chapter 05-22-01, P&WC Maintenance Manual Model PT6A-27 Manual Part No. 3013242Chapter 72-00-00, Propeller Owner's Manual Hartzell (Manual 149)

100 HOURS / ANNUAL INSPECTION

Reg. Mark : PK - SNC
MSN : 1016
TSN / CSN : 97:47 / 54

Date : 03 - DEC' - 2021
Station : RERAU
WO No. : WO/001-SNC/XI/2021.

NO	TASK	SIGNATURE	
		SIGN	STAMP
1	Aircraft document Perform inspection document folder (onboard). Check content completeness of aircraft document. (Ref. CASR 91.25)		29
2	Emergency equipment list Perform emergency equipment list. Form SCA/MTC/023. Make one copy and insert into the aircraft document folder.		09
3	After engine run safety all screws bolts locknuts as applicable (duplicate inspection). Perform after engine run safety all screws bolts locknuts as applicable.		29
4	After engine run check engine for signs of fuel, oil, air leaks. Perform after engine run check engine for signs of fuel, oil, air leaks.		29
B. AIRFRAME			
Aircraft - General			
1	External surfaces Examine, particularly for fuel, oil and hydraulic leaks.		29
2	Aircraft external Wash.		29
3	Aircraft preparation Remove and examine the protective covers, blanks and restraints. Replace if damaged, torn or is not properly install.		09
4	Placard and markings Examine and replace as necessary.		09
5	Aircraft lifting Put the aircraft on jacks.		09
6	Fuselage Remove access panels and fairings.		09
7	Fuselage - internal Remove cockpit and cabin seats and interior fuselage linings.		09

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NO	TASK	SIGNATURE	
		SIGN	STAMP
8	Wings Remove access panels and fairings (not fuel tanks).		
9	Engine cowls Remove.		
10	Empennage Remove access panels and fairings.		
Chapter 21 - Air Conditioning			
1	Engine bleed air line and hoses Examine.		
2	Air inlet screens, filters and hoses Clean and examine.		
3	Mixer unit Examine.		
4	Butterfly vents - passenger cabin Examine.		
5	Emergency shut-off valve Examine.		
6	System component, pipes, cables, controls and linkages. Examine.		
7	System cables, controls and linkages Lubricate (Material No. P04-037).		
8	Air conditioning system Check operation during engine ground run checks.		
Chapter 24 - Electrical Power			
1	Generator voltage Check generator voltage at high idle under load 28.1 VDC.		
Chapter 25 - Equipment and Furnishings			
1	Pilot and Co-pilot seats Examine seat and seat attachments. Make sure that the seat adjustment mechanism operates correctly. Lubricate moving parts. (Material No. P04-011).		
2	Pilot and Co-pilot seats harnesses Examine. Inertial reel system - Operational test.		

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NO	TASK	SIGNATURE	
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3	Passenger seats Examine seats, seat attachments and seat harnesses. If seats with Torso Restraint System are installed, make sure the backrest release mechanism operates correctly. Lubricate moving parts (Material No. P04-028).		
4	Linings and curtains Examine.		
5	Emergency locator transmitter Examine Check battery expiry date 06/2026.		
6	Fire extinguisher Examine Check expiry date 18-NOV-2023.		
7	First aid kit Examine Check expiry date 18-NOV-2023		
8	Crash axe Make sure it is stored correctly. ok -		
9	Stretchers (if Installed) Examine stretchers and mountings.	N/A.	
10	Parachute dispatch system (if Installed) Examine. Signal light system - Operational test.	N/A	
Chapter 27 - Flight Controls - General			
1	Control column Examine. Check for excessive play at Teflon bearing at base of column by pulling up and pushing down on column. Maximum play is 0,2 mm (0.008 in.).		
2	Control lock Examine.		
3	Rudder pedals Examine. Check for excessive play and full and free range of movement. Especially examine the brake pedal at the weld for cracks		
Chapter 27 - Flight Controls - Ailerons			
1	Aileron control system Examine system including stops, cables, pulleys, guides, and bellcranks.		
2	Aileron controls Do a functional test.		
3	Aileron to rudder interconnect spring Examine.		

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NO	TASK	SIGNATURE	
		SIGN	STAMP
4	Aileron trim tab electrical actuator (Electrical system) Examine.		
5	Aileron trim system (~~Mechanical~~ or Electrical trim tab systems) Check neutral settings, sense and range of movement. Check cockpit indicator.		
Chapter 27 - Flight Controls - Rudder			
1	Rudder control system Examine system including stops, cables, pulleys, guides, and bellcranks.		
2	Rudder Do a functional test.		
3	Rudder trim Tab electrical actuator (Electrical system) Examine.		
4	Rudder trim tab (~~Mechanical~~ or Electrical trim tab systems) Do an inspection / check. Check neutral settings and range of movement. Check cockpit indicator.		
Chapter 27- Flight Controls - Elevator			
1	Elevator control system Examine system including stops, cables, pulleys, guides, and bellcranks.		
2	Elevator control system Do a functional test.		
3	Elevator balance tabs Check neutral settings, sense and range of movement.		
Chapter 27 - Flight Controls - Stabilizer			
1	Horizontal stabilizer trim actuator Electrical system Examine.		
2	Horizontal stabilizer trim actuator attachments Examine. On the Lugs, look for cracks and signs of excessive asymmetrical wear.		
3	Horizontal stabilizer trim system Examine.		
4	Electrical system Do a functional test.		
Chapter 27 - Flight Controls - Flaps			
1	Flap actuator and support bracket (Electrical system) Examine		

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NO	TASK	SIGNATURE	
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2	Flap control system – Bellcranks, levers and push/pull rods (Elect. Sys) Examine		29
3	Flaps Do a functional test.		29
Chapter 28 - Fuel System			
1	Water collector tank and fuel filter Drain a minimum of 0,25 liters (0.5 pint) of fuel from each drain valve. Make sure that there is no water in the fuel.		09
2	Fuel filter Examine.		09
3	Fuel shut-off valve Examine.		09
4	Main fuel tanks Examine vents, filler caps and seals.		09
5	Fuel pipes and hoses Examine.		09
6	Air maze fuel filter Examine inlet pipe and adjacent oil hose for chafing.		29
7	Perform fuel filter clean (Airmaze). P/N: 968.35.21.147 S/N: NSN. P/N OFF : ..... P/N ON :		29
8	Fuel flow transmitter Examine.		29
9	Engine driven fuel pump (EDP) Examine.		29
10	Fuel system Set shut-off valve to OPEN and then set the AUX F PUMP to ON. Look for leaks on complete fuel system and unusual noise from the fuel pump. Set AUX F PUMP to OFF and then set shut-off valve to CLOSE.		29
11	Fuel System Fuel distribution system test or adjustment.		09
12	Fuel Indicating System Fuel indicating system test or adjustment.		09

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Chapter 28 - Fuel System - Underwing Tanks			
1	Underwing tanks Examine.		
2	Transfer pump filters Examine and clean.		
3	Underwing tank system Check operation.		
4	Underwing Tank Fuel System Fuel system underwing tank inspection (if installed).	N/A	
5	Underwing Tank Fuel System Fuel system underwing tank inspection transfer pump filter.		
Chapter 32 – Landing Gear and Brakes			
1	Brakes Check brake pad wear. Visual Insp. Beringer.		
2	Main wheels rotation and debur discs. Perform main wheels LH and RH rotation and debur discs.		
3	Hydraulic pipes Examine.		
4	Brake system Check brake fluid level. Apply brakes, examine system for leaks.		
5	Park brake system Examine. Make sure system operates correctly		
6	Main wheel tires Examine.		
7	Main wheels Remove. Examine bearings, axles and wheels. Lubricate bearings and axels with grease (MIL - G - 81322). On installation rotate the wheel position LH to RH and vice versa		
8	Main wheels Perform main wheels inspection fill out the main wheel's inspection.		
9	Brake discs Examine. Check for wear.		

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NO	TASK	SIGNATURE	
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10	V-struts Examine. Note: If you find damage that is more than 0,127 mm (0.005 in.) deep, reject the V-strut.		
11	V-struts If you find damage that is 0,127 mm (0.005 in.) deep or less, refer to Pilatus CMM 02270 for minor repair procedures.		
12	V-struts attachments Examine. Lubricate (Material No. P04-002)		
13	Main landing gear shock struts Examine. Lubricate (Material No. P04-002). Check fluid level.		
14	Main wheels Install. Inflate tire.		
15	Main wheel - dirt scraper Examine.		
16	Tail landing gear Examine. Make sure there are no cracks in the welded seams. Check the locking-lever pivot pins. Lubricate (Material No. P04-002)		
17	Tail wheel tire Examine.		
18	Tail wheel Remove. Examine bearings, axle and wheel. Lubricate bearings with grease (Material No. MIL-G-81322; Aeroshell 22, Royco22, Mobil 28)		
19	Tail wheel Install. Inflate tire.		
20	Steering system Examine. Check cable tension and range of movement.		
21	Debris guard Examine.		
22	Steering system Inspect steering cable tension with a turn buckle installed in the steering cable – adjust the turnbuckle to give a cable tension of minimum 32 lbs., maximal 35 lbs. and install two new locking clips.		

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NO	TASK	SIGNATURE	
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Chapter 35 - Oxygen System			
1	Oxygen bottle(s) and attachment brackets (if installed) Examine.	N/A	09
2	Oxygen system pipes, flexible tubes and fittings (if installed) Examine.	N/A	09
3	Oxygen regulators (if installed) Examine.	N/A	09
Chapter 52 - Doors			
1	Pilot, Co-pilot doors Examine. Remove safety wire. Make sure that the emergency release mechanism and latching mechanism operate correctly. Do the check of vertical play of the door Lubricate mechanism (Material No. P04-011). Install safety wire. (Material No. P02-021)		29
2	Cabin RH / LH sliding door Examine door, sliding rails, rollers, stops and seals Make sure that the latching mechanism operates correctly. Lubricate mechanism. (Material No. P04-037)		29
3	Cabin trap-door (if Installed) Remove trap-door hatch cover. Examine doors, hinges, seal, and structural damage. Make sure that the latching mechanism and door release mechanism operate correctly. Test door for correct operation. Lubricate mechanism (Material No. P04-037)		29
Chapter 53 - Fuselage			
1	Access panels and fasteners Examine.		29
2	Fuselage - external Examine.		29
3	Fuselage - internal Examine these structures as follows: - cockpit floor - cabin floor - cabin floor T-rails - door frames - accessible frames, stringers, and skin.		29
4	Fuselage Make sure that the drain holes are not blocked.		29
Chapter 55 - Stabilizers			

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NO	TASK	SIGNATURE	
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1	Empennage Examine internal skin and structures as far as possible. Examine panels and fasteners. Make sure that the water drain holes are not blocked.		
2	Dorsal fin Examine.		
3	Vertical stabilizer Examine.		
4	Rudder - support structure Examine rudder support brackets, torque tube, control rod attachment points and attaching parts.		
5	Rudder Examine rudder skin and structure, balance weight attachment and mountings for static discharge wicks		
6	Rudder upper attachment Remove access panel EL4. Examine the attachment bolt and lockwire for security. Install access panel EL4.		
7	Rudder trim tab Examine tab. hinge, control rod attachment point and attaching parts.		
8	Horizontal stabilizer Inspection/ Check.		
9	Horizontal stabilizer actuator Examine the attachment brackets		
10	Elevator support structure Examine elevator support brackets, hinge bearings, control rod attachment points, control lever and attaching parts		
11	Elevator Examine skin and structure, fixed tab (H4 only) and mountings for static discharge wicks		
12	Elevator attachments Remove access panels ET1 and EB1 Examine the attachment bolts and lock wire for security. Install access panels ET1 and EB1		
13	Elevator balance tab Examine tab, hinges, control attachment points and attaching parts. Lubricate hinges. (Material No. P04-011)		
Chapter 56 - Windows			
1	Windows and windshields Examine.		

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NO	TASK	SIGNATURE	
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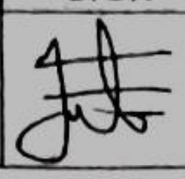
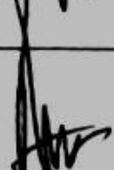
2	Emergency window Examine.		
Chapter 57 - Wings			
1	Access panels and fasteners Examine.		
2	Wing - external Examine skin and structure, particularly in area of fuel tanks, all access hole and external component or equipment attaching points. Look for loose rivets along the main spar (this can indicate advanced corrosion of the spar cap).		
3	Wing - internal Examine internal skin and structure, particularly in the area of fuel tank, as far as possible. Look for signs of corrosion on the upper and lower main spar caps.		
4	Wings Make sure that the drain holes are not blocked.		
5	Wing struts - external Examine attachment brackets. Examine strut exterior.		
6	Wing struts - internal Examine.		
7	Wing tips Examine.		
8	Aileron support structure Examine aileron support brackets, hinge bearings, control rod attachment points and attaching parts.		
9	Ailerons Examine aileron skin and structure, balance arms and static discharge wicks.		
10	Aileron - balance tabs Examine balance tabs, tab control rods, rod ends, support brackets, hinges and attaching parts. Lubricate hinges (Material No. P04-011).		
11	Flap support structure Examine flap support brackets, hinge bearings, control rod attachments, actuator support bracket and attaching parts.		
12	Flaps Examine structure and skin. Use a mirror and light to examine the skin of the flaps and slats for cracks in the areas where the angles are attached.		
General - Close Up NOTE: Do these steps when the engine, electrical and avionic inspections are complete			

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NO	TASK	SIGNATURE	
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1	Access panels and fairings Install.		
2	Fuselage - internal Install internal linings.		
3	Engine cowls Install.		
4	Aircraft Remove the aircraft from jacks.		
5	Aircraft Make sure that the work area is clean and clear of tools and other items.		
C. PROPELLER & ENGINE **Chapter 61 - Propeller**			
1	Spinner dome Remove.		
2	Propeller de-ice boots, slip-ring and brushes Examine.		
3	Slip-ring (Beta) Examine. Check gap between slip-ring and carbon block is no more than 0,50 mm (0.02 in.). Found 0.13mm		
4	Spinner body and backplate Examine.		
5	Blades Examine.		
6	Spinner Dome Install.		
Chapter 71 - Powerplant			
1	Power Recovery Wash Perform power recovery wash.		
2	Engine Run Perform engine run IAW HARTZELL STC SA377CH.		
3	Engine compartment Clean engine, engine compartment and cowlings.		
4	Engine compartment Examine. Make sure water drain holes are not blocked.		

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NO	TASK	SIGNATURE	
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5	Powerplant and accessories Examine		
6	Powerplant and accessories Inspect and pay particular attention to rear linkage cam box, fuel control unit arm, telescopic rod and rod end fittings. Disconnect rod ends and clean using solvent (PWC11-027) or (PWC11-031). Examine rod end for corrosion, roughness in rotation, side play and radial play. Lubricate with light grease (PWC04-001) or MIL-G-23827 after engine external wash. Reinstall rod ends and torque to specified value. (Ref.76-10-00) Check free movement and linkages.		
7	Powerplant and accessories Air inlet screen - Inspect cleanliness. (Ref.72-20-00) Inspect the air inlet screen wire mesh for cleanliness and/or damage. Screens with broken wire mesh must be replaced. Clean undamaged screens (Ref. Cleaning / Painting). Inspect the rubber sealing rims and flanges of the screen for security and damage.		
8	Powerplant and accessories Gas Generator Case - Inspect External surface, and fire seal mount ring brackets for cracks, distortion and corrosion. (Ref. 72-30-04) Examine for general condition, including cracks, distortion, corrosion and evidence of overheating. Minor corrosion on exposed surface of gas generator case may be removed. (Ref. Approved Repairs). If the condition of the corrosion exhibited on the exposed surfaces of the gas generator case indicates that further examination of the fuel manifold and igniter bosses is required, remove the fuel manifold adapters (Ref. 73-10-05, Removal/Installation) and spark igniters. (Ref. 74-20-00, Removal/Installation). Examine the mounting pads, fuel nozzle bosses and machined surfaces for corrosion and wear. Isolated corrosion pitting not closely grouped, less than 0.010 inch deep, not covering more than 75 percent of the surface is acceptable without repair.		
9	Powerplant and accessories Fireseal Mount Rings - Inspect Cracks and attachment of brackets and seals (Ref. 72-30-01/-02) Examine the rear fireseal mount ring halves for attachment, damage and condition. NOTE: For the external tubes/lines passing through the mount rings, refer to the relevant chapters in this manual. Examine the circumferential insulating strips for attachment. Loosened strips may be rebonded.		

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NO	TASK	SIGNATURE	
		SIGN	STAMP
10	Powerplant and accessories Exhaust Duct - Inspect cracks and distortion. (Ref. 72-50-05, Maintenance practices) Examine the outer surface condition for buckling, ripples or similar distortion. Inspect outer surface, particularly in vicinity of flanges A and C for cracking in metal skin, welds, or flange bolt holes. Inspect exhaust port flanges for cracking. Cracks not exceeding 0.500 inch in length and do not progress into the stitch weld or cracks in a tangential direction not exceeding 1.000 inch long are acceptable provided they are stop drilled with a 1/16 (0.0625) inch drill. Check for the integrity of internal structure through the exhaust ports. NOTE: Refer to the Aircraft Maintenance Manual for removal/ installation of the exhaust stubs. Examine the internal structure as far as possible for cracks, looseness and distortion. Inspect Engines that exhibit interior welds (Ref. 72-50-05, Maintenance Practices) visually inspect the forward area of the exhaust duct for cracks, from the propeller reduction gearbox mounting flange to 2 inches aft around the entire circumference of the duct. Exhaust ducts are considered serviceable provided.		
11	Powerplant and accessories Accessories - Inspect attachment of accessories and linkages, air, oil, fuel lines (Ref. 73-10-07/-08) or (Ref. 70-00-00, Standard Practices Inspection). Inspect Fuel, Oil and Air Tubes from scratches, Nick, chafing, dents, pitting, rust and strainer. Inspect Security of pneumatic lines (Ref. 73-10-07/-08) Examine tube assemblies (Ref. 70-00-00, STANDARD PRACTICES - INSPECTION). Blend out minor damage that does not exceed specified limits. Replace the tube assemblies damaged beyond specified limits. Inspect heated rear pneumatic line.		
12	Engine External Examine.		
13	Engine flexible and rigid pipes Examine.		
14	Engine cowling and seals Examine.		
15	Fireshields and seals Examine.		
16	Shock mounts Examine.		

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NO	TASK	SIGNATURE	
		SIGN	STAMP
17	Support ring Examine.		
18	Support struts Examine.		
19	Electrical harnesses Examine.		
Chapter 72 - Engine			
1	Compressor inlet screen Clean. Examine.		
2	Gas generator case Examine.		
3	Propeller shaft oil seal Examine, look for oil leaks		
4	Accessories Examine.		
Chapter 73 - Engine Fuel and Control			
1	HP fuel pump Examine.		
2	HP fuel pump outlet filter Examine, replace if contaminated		
3	Fuel HP Outlet Filter Perform fuel HP outlet filter replacement. P/N : AN6235-3A or ALTERNATIVE P/N. P/N OFF : AN6235-3A P/N ON : AN6235-A		
4	Fuel control unit Examine Check for leaks from vent. (Ref. P&WC EMM 73-20-00) Check flow divider and dump valve for installation and leaks (Ref. EMM 73-10-06). Check FCU for installation, linkages and pneumatic tubes (Ref. EMM 73-20-00). Evidence of FCU bearing washout indicated by traces of blue dye effluent is caused by a mixture of bearing grease and fuel. For post-SB1472 engines fitted with a manual override on the fuel control, check FCU Manual Override System for static operation (Ref.EMM 71-00-00).		

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NO	TASK	SIGNATURE	
		SIGN	STAMP
5	Fuel control unit Perform SIL NO. PT6A-221R01 – FCU Health Monitoring - Deceleration Check. Ref. P&WC PT6A-27 MM 71-00-00		
6	Pneumatic System Check P3 filter for installation. Clean or replace filter, dependent on condition, service experience or environment.		
7	Starting flow control unit Examine.		
8	Propeller governor Examine.		
9	Air pipes Examine.		
10	Fuel pipes Examine.		
11	Gas generator case drain valves Examine.		
12	Igniter exciter Examine and check ignition system/current regulator for installation and condition (Ref.74-10-01 and 74-10-02) Inspect the ignition exciters for signs of damage and general condition. Inspect the input and output connectors for damage, paying particular attention to the connector threads for corrosion. Inspect the cover and box of the regulator for general condition. A cracked or distorted mounting bracket on the box, or loose components on the box or cover, must be repaired at an overhaul facility. Inspect the seal on the box and the sealing gasket on the cover for general condition. A loose seal or gasket may be rebonded using adhesive cement (PWC08-010).		
13	Ignition cables Examine and check ignition cable for chafing, wear and installation (Ref.74-20-01) Inspect cables for signs of damage to braiding and general condition. Inspect cable coupling nuts for corrosion. Inspect central conductor and insulation for contamination and burning. Do retention test on igniter end of cable only: - Connect contact with tool (Ref. Table 201). - Contact must hold a 0.125 lb. weight. - If contact does not hold weight, ship cable to an authorized repair shop for inner cable replacement.		

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NO	TASK	SIGNATURE	
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14	Spark igniters Examine and check spark igniters/glow plugs for cleanliness and erosion. Check function (Ref. 74-20-02 and 74-00-00). Inspect the exterior cylindrical area of the firing end of the igniter shell for chafing wear. Wear is acceptable to a depth of 0.015 inch. Inspect the igniter shell and electrode for erosion (Ref. Fig. 207 and Table 202). If erosion equals or exceeds amounts shown, reject the spark igniter. Do a functional test on acceptable and replacement spark igniters (Ref. 74-00-00, Adjustment/Test).		
15	Interconnect rod Inspect accessible lockwire and safety cable for security and installation of the interconnect rod.		
16	Idle control system Examine.		
17	Power control system Examine.		
18	Propeller control system Examine.		
19	Engine controls Lubricate rod ends with grease. (Material No. P04-002).		
20	Emergency fuel control system Examine. Do a functional test.		
Chapter 78 - Exhaust			
1	Exhaust duct Examine.		
2	Exhaust stubs Examine.		
Chapter 79 - Oil			
1	Oil cooler system Examine. Flap - Do an operational test.		
2	Oil filter Examine and clean.		
3	Chip detector Do a functional test. Check Magnetic Detectors for continuity.		

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