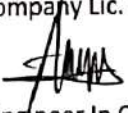




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours / Annual and Add Task Insp. Due at 700 FH.	No.	WO/025-PK-SNC/V/2023
	Date	03 May 2023
	A/C Reg.	PK-SNC MSN 1016
Reference : MP PILATUS PC-6 Issued 01, Rev.00	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hours / Annual and Add Task Insp. Due at 700 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 NEXT DUE 100HRS INSPECTION @ 006:23 Hrs	Sign & Date 02/06-2023 Company Lic. No.: SCA 24  (Engineer In Charge) ARIS KURNIAWAN 	Signature (Technical Manager)



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE	: PILATUS PORTER PC-6	TTSN	: 706:23
A/C REG	: PK-SNC	TCSN	: 1249
MSN	: 1016	DATE	: 02/06/2023

TYPE OF INSPECTION : INSPECTION 100 HOURS / ANNUAL & ADD. TASK INSP.
DUE AT : 700 HOURS
REF : MP PILATUS PC-6 Issued 01, Rev. 00

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 (TUNRIAWAN)	AIRFRAME & POWER PLANT	9523 / SCA 24	 	02 / 06-2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 100 Hours / ANNUAL AND ADD TASK INSPECTION
DUE AT : 806:23

Form: SCA/MTC/049

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	
---	--	--	--	-----------------------------	--

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC-001	WO 1025-AK-SNC/H4			30/05-2023	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
AK-SNC/1016	PG6/B2-H4	AMTFRAME			
9. ZONE	10. STA	11. MTC TYPE			
TAIL	NABIRE	PART REPLACEMENT			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
* FOUND SPOT ON L/H SIDE TAIL WHEEL TIRE	 ARIS	30/05-23

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
* REPLACED TAIL WHEEL TIRE, AND ACT PRESS- URE 47 PSI, REF. PG6/B2-H4 AMTCHAP: 32-71-12-401 Performed at A/C TT: 206:23 A/C TC/LDG: 1249		 ARIS	31/05-2023

20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment		
	☐ Internal Leakage		
CORROSION ☐ Isolated ☐ Widespread	☐ Chemical Spill		
CORROSION LVL ☐ 1 ☐ 2 ☐ 3	☐ LAV/Galley Spill		
PROPOSED ACTION ☐ Doublers	☐ Blocked Drain		
☐ Others	☐ Wet Insulation Blanket		
	☐ Other		
21. If the defect is RII, Please Sign this card finally by RII Inspector		INSP	DATE
NOTICE OF INSPECTOR			

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
TAIL WHEEL TIRE	504C61-2	1EA	12750160	12750160	✓	
				83432003		
TAIL WHEEL INNER TUBE	D302-005-400D	1EA	NSN	NSN	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
TORQUE WRENCH	56212/SN:22101	AUG 2023	SERVICEABLE
PRESSURE GAUGE			SERVICEABLE



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

WO Ref: WO/025-PK-SNC/V/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX	ENGINE GROUND RUN CHECK SHEET			<i>[Signature]</i>	
2	APPENDIX	100 HOURS / ANNUAL INSPECTION			ARIS	
3	APPENDIX	FUEL DISTRIBUTION SYSTEM – ADJUSTMENT TEST			ARIS	
4	APPENDIX	FUEL INDICATING SYSTEM – ADJUSTMENT			ARIS	
5	APPENDIX	FUEL SYSTEM UNDERWING TANK INSPECTION TRANSFER PUMP FILTERS			ARIS	
6	APPENDIX	WHEEL AND BRAKES INSPECTION			ARIS	
7	NRC-001	3M-OPS TEST EMERGENCY BATTERY			ARIS	
8	NRC-002	4500 HOURS / 18 MONTHS HAWKER LEAD ACID BATTERY CAPACITY TEST			ARIS	
9	APPENDIX	200 HOURS/ 6 MONTHS – AGB INLET SCREEN INSPECTION			ARIS	
10	APPENDIX	6 MONTHS - VISUAL INSPECTION LEFT & RIGHT WING STRUT FITTING			ARIS	
11	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK			ARIS	

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
03 May 2023	WO/025-PK-SNC/V/2023	Inspection 100 Hrs / Annual and Add. Insp.	02/06/2023		
A/C Type		Mfg. Serial Number	A/C Registration		
PILATUS PORTER PC-6		1016	PK-SNC		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-PG0567	706:23/1249		
	#2	-			
Propeller/Rotor	#1	FY4989	706:23/1249		
	#2	-			
Landing Gear	NLG		706:23/1249		
	LH MLG		706:23/1249		
	RH MLG		706:23/1249		
PACKAGE COVERED					
No	Subject	Qty	Remark		
1	Non-Routine Card	2			
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	APPENDIX 06	TAIL WHEEL TIRE REPLACEMENT		✓	
IC-002					
IC-003					
IC-004					
IC-005					
IC-006					

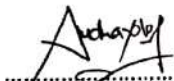
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<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

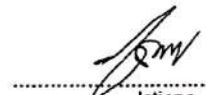
Verified by :
Chief Inspector

Approved by :
Technical Manager


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NON ROUTINE CARD
(Form: SCA/MTC/047)

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/025-PK-SNCV/2023	01-05-2023.	INSPECTION	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
002	24	AVIONIC	NABIRE
9. ZONE	10. PANEL		
FIREWALL			

11. DESCRIPTION			
4500 HOURS / 18 MONTHS HAWKER LEAD ACID BATTERY CAPACITY TEST			
REFERENCE	☒ AMM 24-43-11	☐	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
Satisfies, Passed 90%.			Cl.	
Performed at A/C TT : 706:23: A/C TC/LDG : 1249				
FINDING	☐ Y	☒ N	ACT MHR :	
INSPECTION CARD (IC) #		01	05	23.

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
Batt Capacity Tester	BC 8000	-	Serviceable.



NON ROUTINE CARD
(Form: SCA/MTC/047)

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/025-PK-SNCV/2023	31/05-2023	INSPECTION	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
001	24	AIR FRAME ^{AVIONIC}	NABIRE
9. ZONE	10. PANEL		
COCKPIT	-		

11. DESCRIPTION

EMERGENCY BATTERY - OPERATIONAL TEST

REFERENCE	☐	☒ AMM 24-00-00	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT

PERFORMED OPERATIONAL TEST EMERGENCY
BATTERY FOUND GREEN LIGHT APPEAR/SATIS
REF: KUERZI AVIONICS 1CA-20830764 REV.C
PAGE 1941

Performed at A/C TT : 706:23 A/C TC/LDG : 1249

FINDING	☐ Y	☒ N	ACT MHR :	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #				01 JUNE 2023

13. PARTS REQUIRED

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

14. TOOLS REQUIRED

DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS



Parts Used Sheet

WO# N1: WO/025-PK-SNC/V/2023

Engineer

Special Tool Used			Engineer
No.	Description	Due Date	
1.	TORQUE WRENCH <P/N: 9X212>	AUG 2023	ARIS
2.	VENNIER CALIPER <P/N: 60-6-PX>	NOV 2023	ARIS
3.	MICROMETER <P/N: SCA MM-002> <SN: H1913591>	AUG 2023	ARIS
4.	PRECISE GAUGE	-	ARIS
5.	DEHNIGHT TOOL - GAUGE <P/N: 4V-PL-101 (H1)>	NOV 2023	ARIS
6.	TORQUE WRENCH <P/N: 1A-0250>	UC	ARIS
7.	TURIN CHUTE		



Aircraft Registration: **PK-SNC**

WO# N°: WO/025-PK-SNC/V/2023

Parts Used Sheet

Scanned with OKEN Scanner



MAINTENANCE PROGRAM PILATUS PORTER PC6

Appendix – Engine Ground Run Check Sheet

	ENGINE GROUND RUN CHECK SHEET - PT6A-27 ENGINE WITH FOUR BLADE PROPELLER (HARTZELL STC SA377CH)

WORK ORDER NO.		: W0/025-PK-SNC / V / 2023	
Aircraft Registration	PK-SNC	Aircraft Total Hours	706:23
Aircraft Serial No.	1016	Aircraft Total Landings	1249
Engine Serial No.	PCE-PG0567	Engine TSN / TSO	706:23
Propeller Serial No	FY4383	Propeller TSN / TSO	706:23
Ambient Temp	36 °C	FBP (Field Barometric Pressure)	In.Hg
Date	14 / JUNE -23	Time	08:30
Mechanic / Engineer		Authorized Engineer	
Reason For Ground Run		100 Hours / ANNUAL INSPECTION	

Checks to be carried out. No:	1 2 4 7 8 10 11 12 13 14 15 every 100 Hrs In additional check 9 in every interval 200 Hrs
-------------------------------	--

Engine Ground Run Check Frequency

Check Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Each 100 Hrs/ Annual	X	X		X			X	X		X	X	X	X	X	X
Each 200 Hrs									X						
Pre-Complete Overhaul	X	X	X	X		X	X	X	X	X	X	X	X	X	X
After Short Term Storage															X
After Long Term Storage	X	X	X	X		X	X	X	X	X	X	X	X	X	X

In additional the following check must be carried out after Installation, Repair and Adjustment of any of the following components.

Check Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Engine Installation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Propeller Installation		X	X	X	X			X							
Fuel Control Unit	X				X	X	X	X		X	X				
HP Fuel Pump						X	X								
Fuel Nozzle						X	X								
Starting Flow Control	X				X		X	X							
Emer Fuel Control Actuator											X				
Prop Governor	X		X	X	X		X	X							
Prop Overspeed Governor									X						
Compressor Bleed Valve						X	X								
Engine Controls	X			X	X			X	X						
Low Pitch Warning Switch				X											

MAINTENANCE PROGRAM PILATUS PORTER PC6

Appendix – Engine Ground Run Check Sheet

NO.	CHECK	TARGET	ACTUAL
7	Engine Performance	Ref: AMM 71-00-00	
	Target Torque Pressure	41 psi	41 psi
	Fuel flow (Actual minus 23 lb / hr or 3.4 gal / hr)	324 lb / hr	43 GPH = 302 lb / hr
	Target Ng	95.6 % Ng	94.3 % Ng
	Maximum ITT	706 °C	595 °C
8	Reverse Power Setting		
	Np Torque	1880 - 1925 rpm (85.5 - 87.5 %) psi	rpm psi
9	Propeller Overspeed Governor		
	Test Lever Selected to:		
	TEST NORMAL	1880 - 1920 rpm (85.5 - 87.3 %) 1980 - 2000 rpm (90.0 - 90.9 %)	rpm rpm
10	Acceleration	64 % – 90 % Ng	2.5 – 4 secs
	Deceleration	85% to 60% Ng or low idle speed (Whichever comes first)	Maximum 6-12 sec (Dependent upon altitude)
			secs altitude (kFt)
	Manual Override (MOR) (Aircraft with SB 164)		
	Use Toggle Switch In Small Increment (REF. to WARNINGS and CAUTIONS in Check 11)	Increase to 15% above Idle (Max Increase less than 4 % per Second) Decrease To Idle (Max Decrease less Than 4% per Second)	✓ OK? ✓ OK?
12	Oil Pressure	80 -100 psi	87 psi
13	Generator (Ref. 24-30-00)	Online by 60% Ng	54 % Ng
14	Suction (High Idle)	4.5 – 5.2 in. Hg	N/A in. Hg
15	Engine Rundown Time After Stop	MIN 30 secs	36 secs
Additional			
Generator Check (High Idle Under Load)		27.75 – 28.25 VDC	28.3 VDC
After Engine Run			
Check Eng. For Signs of Fuel/Oil/Air Leaks		NO LEAKS FOUND	✓ OK?
Safety All Screws, Bolts, Locknuts as Req.			✓ OK?



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

**PT. SMART CAKRAWALA
AVIATION
DEPARTMENT TEKNIK
Form: SCA/MTC/023**

DATE : 01 JUN 2023

A/C REG : PK-SNC

A/C TYPE : PILATUS PORTER
PC6

CHECKER : ARIS K.

SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	PD1674-101W	17060500025	4 NOV 2023	SERVICEABLE
2	Co-Pilot Life Vest	D21343-195	L849507	4 NOV 2023	SERVICEABLE
3	Pax Life Vest				
4	Pax Life Vest				
5	Pax Life Vest				
6	Pax Life Vest				
7	Pax Life Vest				
8	Pax Life Vest				
9	Pax Life Vest				
10	Pax Life Vest				
11	Pax Life Vest				
12	Pax Life Vest				
13	Firt Aid Kit	AMCI NCO-1PEA.145	LI110820D	31 AUG 2023	SERVICEABLE
14	Crash Axe Installed	LOCAL	NSN	0%	SERVICEABLE
15	Fire Extinguisher	BA51015R-5	119254	4 NOV 2023	SERVICEABLE
16	Life Raft (If Installed)	-	-	-	-
17	Survival Kit (If Installed)	10001-1	NSN	APRIL 2024	SERVICEABLE
OTHERS					
18.	EMERGENCY LAMP	LOCAL	NSN	0%	GOOD
-	-	-	-	-	-