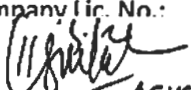




PT. SMART CAKRAWAI A AVIATION

WORK ORDER

Form: SCA/MTC/030

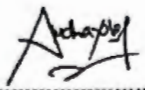
Subject : Inspection 100 Hours / Annual & Add Task Due at 300 FH.	No.	WO/013-SNE/X/2022
	Date	18 Oct 2022
	A/C Reg.	PK-SNE MSN 1017
Reference : MP PILATUS PC-6 Rev. 04	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hours / Annual & Add Task Due at 300 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 : 		
Compliance Statement CARRIED OUT 100 HRS INSPECTION	Sign & Date Company Lic. No.:  (Engineer In Charge) 31 OCT 2022 SCA 019 AGUS SULAEMAN	Signature  (Technical Manager)

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
18 Oct 2022	WO/013-SNE/X/2022	Inspection 100 Hrs / Annual	30 OCT 2022	
A/C Type		Mfg. Serial Number	A/C Registration	
PILATUS PORTER PC-6		1017	PK-SNE	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-PG0568	30A:51 / 427	
	#2	-		
Propeller/Rotor	#1	FY5100	30A:51 / 427	
	#2	-		
Landing Gear	MLG TAIL		30A:51 / 427	
	LH MLG		30A:51 / 427	
	RH MLG		30A:51 / 427	
PACKAGE COVERED				
No	Subject	Qty	Remark	
1	Non-Routine Card	1		
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				

<u>IC-007</u>					
<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


.....
Dwi M.

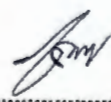
Checked by :
Chief Maintenance


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Dodit

Verified by :
Chief Inspector


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Yanuar

Approved by :
Technical Manager


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Istiono



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

WO Ref: WO/013-SNE/X/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX	ENGINE GROUND RUN CHECK SHEET	30 OCT 2022	1 MHR	AGUS SULAEMAN	
2	APPENDIX	100 HOURS / ANNUAL INSPECTION	30 OCT 2022	90 MHR	AGUS SULAEMAN	
3	APPENDIX	FUEL DISTRIBUTION SYSTEM – ADJUSTMENT TEST	30 OCT 2022	3 MHR	AGUS SULAEMAN	
4	APPENDIX	FUEL INDICATING SYSTEM – ADJUSTMENT	30 OCT 2022	8 MHR	AGUS SULAEMAN	
5	APPENDIX	FUEL SYSTEM UNDERWING TANK INSPECTION TRANSFER PUMP FILTERS	30 OCT 2022	2 MHR	AGUS SULAEMAN	
6	APPENDIX	WHEEL AND BRAKES INSPECTION	30 OCT 2022	20 MHR	AGUS SULAEMAN	
7	NRC-01	EMERGENCY BATTERY OPS CHECK	30 OCT 2022	0.5 MHR	AGUS SULAEMAN	
8	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	30 OCT 2022	0.5 MHR	AGUS SULAEMAN	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: PILATUS PORTER PC-6	TTSN	: 304:51
A/C REG	: PK-SNE	TCSN	: 427
MSN	: 1017	DATE	: 28 OCT 22

TYPE OF INSPECTION	: INSPECTION 100 HOURS / ANNUAL
DUE AT	: 300 HOURS
REFF	: MP PILATUS PC-6 REV. 04

EXCEPTION

- NO EXCEPTION -

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
AGUS SULAEMAN	AIRFRAME & POWER PLANT	6444 / SCA 019		30 OCT 2022
/	EIRA	/	/	

THE NEXT DUE TYPE OF INSPECTION	: 100 HS INSPECTION
DUE AT	: 400:00

Form: SCA/MTC/049



INSPECTION CARD

(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
6. A/C REG/MSN PK-SNE / 1017	7. A/C TYPE PILATUS PC6	8. TRADE	12. VENDOR ORDER #	
9. ZONE	10. STA	11. MTC TYPE		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Performed at A/C TT : A/C TC /LDG :			

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					
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

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS

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

WORK ORDER NO. WO/013-SNE/X/2022		:	
Aircraft Registration	PK-SNE	Aircraft Total Hours	304:51
Aircraft Serial No.	1017	Aircraft Total Landings	427
Engine Serial No.	PCE-PG0568	Engine TSN / TSO	304:51 / 427
Propeller Serial No	FY5100	Propeller TSN / TSO	304:51 / -
Ambient Temp	36 °C	FBP (Field Barometric Pressure)	1006 HPA 4m.Hg
Date	30 OCT 22	Time	08:35
Mechanic / Engineer	AGUS	Authorized Engineer	AGUS SULAERMAN
Reason For Ground Run		100 HRS INSP. TOTAL TIME=304:51	

Checks to be carried out. No:	1 2 4 5 7 8 9 10 11 12 13 14 15
--------------------------------------	---------------------------------

Engine Ground Run Check Frequency

Check Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Each 100 / Yearly ✓	x✓	x✓		x			x	x			x	x	x	x	x
Each 200									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											
Suction Components														x	



MAINTENANCE PROGRAM PILATUS PORTER PC6

Appendix – Engine Ground Run Check Sheet

Use this sheet's to record engine run result, use in conjunction with task cards.

NO.	CHECK	TARGET	ACTUAL
ENGINE START			
	ITT (Troubleshoot If More Than 925°C)	Max. 1090 °C	670 °C
	Cabin Heat	OFF	✓ OK?
1	Low Idle (Minimum Governing) Speed	51 - 53 % Ng	52.4 % Ng
	Fuel Pressure / Boost Pump OFF	Light out or 25 ± 5 psi	✓ OK?
	ITT		538 °C
	Oil Pressure		89 psi
	Oil Temperature		60 °C
2	Propeller Governor		
	Maximum Np	1980 - 2000 rpm (90.0 - 90.9 %)	1990 rpm
	Py Disconnected		90.4 % Ng
	Py Connected		90.4 % Ng
	Difference	Maximum 0.3% Ng	0 %
	Airbleed Link at Minimum	1900 - 1950 rpm (86.4 - 88.6 %)	1920 rpm
3	Aircraft with SB 161:		
	Propeller Control Lever at Minimum	1880 - 1900 rpm (85.5 - 86.4 %)	1900 rpm
	Propeller Fine Pitch Setting (High Idle)		
	Target Torque	psi	psi
	Power Lever to Give Np	1694 rpm (77 %)	rpm
	Basic High Idle	68 - 72% Ng	%Ng
4	Propeller Low Pitch Warning		
	PCL from Reverse to Detent	Light OFF 1 to 2 mm before Detent	. 2 mm
5	Minimum Pitch in Flight		
	Ng	67 - 73 %	% Ng
	Np	1800 - 1950 rpm (81.8 - 88.6 %)	rpm
	Torque	4 - 7 psi	psi
6	FCU Maximum Governing Speed (Ng) (Trim stop deployed)	97.1 % Ng	% Ng

MAINTENANCE PROGRAM PILATUS PORTER PC6

Appendix – Engine Ground Run Check Sheet

NO.	CHECK	TARGET	ACTUAL
7	Engine Performance Target Torque Pressure Fuel flow (Actual minus 23 lb / hr or 3.4 gal / hr) Target Ng Maximum ITT	Ref: AMM 71-00-00 41 psi 324 lb / hr 95.6 % Ng 706 °C	41 psi 49 GPH = 302 lb / hr 94.3 % Ng 595 °C
8	Reverse Power Setting Np Torque	1880 - 1925 rpm (85.5 - 87.5 %) 32.5 psi	1900 rpm 26 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 Deceleration 85% to 60% Ng or low idle speed (Whichever comes first)	2.5 – 4 secs Maximum 6-12 sec (Dependent upon altitude)	secs secs altitude (kFt)
11	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	59 % 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			✓ OK
Check Eng. For Signs of Fuel/Oil/Air Leaks		NO LEAKS FOUND	✓ OK?
Safety All Screws, Bolts, Locknuts as Req.			✓ OK?



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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/013-SNE/X/2022		OPS CHECK	PK-SNE/1017
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
01	34		
9. ZONE	10. PANEL	-	

11. DESCRIPTION			
PERFORM EMERGENCY BATTERY OPS CHECK			
REFERENCE	☒ AMM	☐	☐ OTHER
RII (*)	☐ Y	☒ N	MHR:

12. RESULT		MECH	ENG	INSP (*)
PERFORMED EMERGENCY BATTERY OPS CHECK.				
Performed at A/C TT : 30A:51 A/C TC /LDG : 427				
FINDING	☐ Y	☒ N	ACT MHR : DATE/TIME (DD/MM/YY)	
INSPECTION CARD (IC) #		30	OCT	2022

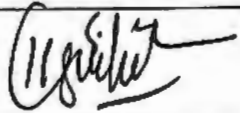
13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 30 OCT 2022	A/C REG : PK-SNE	
A/C TYPE : PILATUS PC6	CHECKER : AGUS SULAEMAN	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest				
2	Co-Pilot Life Vest				
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	FAK / ANC 2	L2110820 E	AUG 2023	GOOD
14	Crash Axe Installed	DIN 1492AA	AS 53	FEB 23	GOOD
15	Fire Extinguisher	BAS1015 R-5	120655	FEB 23	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	S3026-101	182347	JUL 23	GOOD
OTHERS					
18	FLASH LIGHT	8008	NSN	O/C	GOOD



Parts Used Sheet

[illegible]

