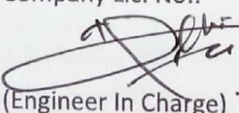
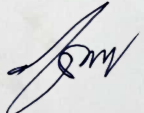




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours / Annual Inspection & Added Task	No.	WO/007-PK-SND/VI/2023
	Date	13-Jun-2023
	A/C Reg.	PK-SND MSN 1018
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 100 Hours / Annual Inspection and Added Task PK-SND 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 <i>CARRIED OUT</i>	Sign & Date Company Lic. No.:  (Engineer In Charge) <i>SCA 20</i> <i>DENI SOBALI</i>	Signature  (Technical Manager)

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

WO Ref: WO/002-PK-SND/IV/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX	ENGINE GROUND RUN CHECK SHEET	21/06/23		DENI.S	
2	APPENDIX	100 HOURS / ANNUAL INSPECTION - PILATUS	19/06-23		DENI	
3	APPENDIX	FUEL INDICATING SYSTEM - ADJUSTMENT TEST	19/06-23		NINDU	
4	APPENDIX	FUEL SYSTEM UNDERWING TANK INSPECTION	19/06-23		NINDU	
5	APPENDIX	FUEL SYSTEM UNDERWING TANK INSPECTION TRANSFER PUMP FILTERS	19/06-23		NINDU	
6	APPENDIX	WHEEL AND BRAKES INSPECTION	19/06-23		NINDU	
7	APPENDIX	FUEL DISTRIBUTION SYSTEM - ADJUSTMENT TEST	19/06-23		NINDU	
8	APPENDIX	6 MONTHS - VISUAL INSPECTION LEFT & RIGHT WING STRUT FITTING	20/06-23		DENI.S	
9	APPENDIX	200 HOURS/ 6 MONTHS - INSPECTION AGB INLET SCREEN INSPECTION	20/06-23		DENI.S	
10	NRC-001	200 HOURS - STARTER GENERATOR BRUSHES CHECK FOR WEAR	20/06-23		DENI.S	
11	NRC-002	200 HOURS - OPERATIONAL CHECK PROPELLER OVERSPEED GOVERNOR	21/06-23		DENI.T	
12	NRC-003	3 MONTHS - OPERATIONAL TETS EMERGENCY BATTERY - OPERATIONAL TEST	21/06/23		DENI.T	
13	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	21/06/23		DENI.S	

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
13-Jun-2023	WO/007-PK-SND/VI/2023	100H/Annual Inspection	21 June 2023	
A/C Type		Mfg. Serial Number	A/C Registration	
PILATUS PORTER PC-6		1018	PK-SND	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-PG0569	198:51 / 210	
	#2	-		
Propeller/Rotor	#1	FY5110	198:51 / 210	
	#2	-		
Landing Gear	TAIL MLG		198:51 / 210	
	LH MLG		198:51 / 210	
	RH MLG		198:51 / 210	
PACKAGE COVERED				
No	Subject	Qty	Remark	
1	Non-Routine Card	3		
2	Inspection Card	1		
3	Work Order	1		
4	Summary Inspection List	1		
5	Material and Tool List	1		
6	Escalation form	-		
7	CRS (SMI / Unscheduled Maintenance)	1		
INSPECTION CARD (IC) LIST (Finding during maintenance)				
No	Taskcard Ref	Subject	Status Open Close	Name/ Sign & Stamp
<u>IC-001</u>				
<u>IC-002</u>				
<u>IC-003</u>				
<u>IC-004</u>				
<u>IC-005</u>				
<u>IC-006</u>				

<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

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


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Dwi M.


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Dodit


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Yanuar


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Istiono

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

WORK ORDER NO. WO/002-PK-SND/IV/2023 :	
Aircraft Registration	PK-SND
Aircraft Serial No.	1018
Engine Serial No.	PCE-PG0569
Propeller Serial No	FY5110
Ambient Temp	29 °C
Date	21 Jun 2023
Mechanic / Engineer	NINDO
Reason For Ground Run	100 HOURS / ANNUAL INSPECTION
Aircraft Total Hours	198:51
Aircraft Total Landings	210
Engine TSN / TSO	198:51 / 0
Propeller TSN / TSO	198:51 / 0
FBP (Field Barometric Pressure)	29.71 In.Hg
Time	8:30 UTC
Authorized Engineer	DEWI SORALI

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 addition 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	

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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 685 C.	315 °C
	Cabin Heat	OFF	OK?
1	Low Idle (Minimum Governing) Speed	51 - 53 % Ng	53.8 % Ng
	Fuel Pressure / Boost Pump OFF	Light out or 25 ± 5 psi	✓ OK?
	ITT		526 °C
✓	Oil Pressure		91 psi
	Oil Temperature		61 °C
Propeller Governor			
✓	Maximum Np	1980 - 2000 rpm (90.0 - 90.9 %)	2000 rpm
	Py Disconnected		% Ng
	Py Connected		% Ng
2	Difference	Maximum 0.3% Ng	%
	Airbleed Link at Minimum	1900 - 1950 rpm (86.4 - 88.6 %)	rpm
	Aircraft with SB 161:		
	Propeller Control Lever at Minimum	1880 - 1900 rpm (85.5 - 86.4 %)	rpm
Propeller Fine Pitch Setting (High Idle)			
3	Target Torque		psi
	Power Lever to Give Np	1694 rpm (77 %)	rpm
	Basic High Idle	68 - 72% Ng	%Ng
Propeller Low Pitch Warning			
4	PCL from Reverse to Detent	Light OFF	
✓		1 to 2 mm before Detent	2 mm
Minimum Pitch in Flight			
5	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

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 40.4 psi 320 lb / hr 94.7 % Ng 689 °C	40.3 psi 302 lb / hr 93.5 % Ng 588 °C
8	Reverse Power Setting Np Torque	1880 - 1925 rpm (85.5 - 87.5 %) psi	1880 rpm 24 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 %)	1830 rpm 2000 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	90 psi
13	Generator (Ref. 24-30-00)	Online by 60% Ng	60 % Ng
14	Suction (High Idle)	4.5 – 5.2 in. Hg	N/A in. Hg
15	Engine Rundown Time After Stop	MIN 30 secs	secs
Additional			
Generator Check (High Idle Under Load)		27.75 – 28.25 VDC	28.2 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?

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SCA/TEK/1-004
12 April 2021

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PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE : PILATUS PORTER PC-6
A/C REG : PK-SND
MSN : 1018
TTSN : 198-51
TCSN : 210
DATE : 20 June 2023

TYPE OF INSPECTION : 100 HOURS / ANNUAL INSPECTION
DUE AT : 200:00 H
REFF : 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
DENI SOBALI	AIRFRAME & POWER PLANT	3632 SCA 20		20 June 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 100:00 FH
DUE AT : 300:00 FH.

Form: SCA/MTC/049

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/007-PK-SND/VI/2023	21-06-2023	OPERATIONAL TEST	PK-SND/1018
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
003	24		LN4
9. ZONE	10. PANEL	-	

11. DESCRIPTION			
OPERATIONAL TEST EMERGENCY BATTERY			
REFERENCE	☒ AMM	☐	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
PERFORMED OPERATION TEST EMERGENCY BATTERY FOUND SATISFY Performed at A/C TT : 198:51 A/C TC /LDG : 210		ADTYA.		
FINDING	☐ Y ☐ N	ACT MHR :	DATE/TIME (DD/MM/YY)	
INSPECTION CARD (IC) #		21	06	2023

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

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

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/007-PK-SND/VI/2023	21-06-2023	OPERATIONAL CHECK	PK-SND/1018
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
002	71		LNU
9. ZONE	10. PANEL	-	

11. DESCRIPTION			
OPERATIONAL CHECK - PROPELLER GOVERNOR OVERSPEED			
REFERENCE	☒ MM 71-00-00	☐	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
PERFORMED OPERATIONAL CHECK. PROPELLER GOVERNOR OVERSPEED FOUND SATISFY Performed at A/C TT : 198-51 A/C TC /LDG : 210				
FINDING	☐ Y ☐ N	ACT MHR : DATE/TIME (DD/MM/YY)		
INSPECTION CARD (IC) #		21	06	2023

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

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

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/007-PK-SND/VI/2023	20-06-2023	CHECK	PK-SND/1018
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
001	24		LSU
9. ZONE	10. PANEL		

11. DESCRIPTION

STARTER GENERATOR BRUSHES CHECK FOR WEAR

REFERENCE	☒ MM 24-31-11	☐	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
PERFORMED STARTER GENERATOR BRUSHES CHECK FOR WEAR FOUND ON THE LIMITS. Performed at A/C TT : 098:51 A/C TC /LDG : 216			DESI 	
FINDING	☐ Y	☐ N	ACT MHR :	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #				20 06 2023

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 : 20 June 2023

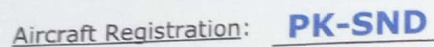
A/C REG : PK - SND

A/C TYPE : PK-SND

CHECKER : DENI SOBATU

SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	PO1202-201	1904166 0002	MAY 2023	(GOOD)
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	First Aid Kit	AMC1 NCO.106A.A.145	LI110890A	MARCH 2024	GOOD
14	Crash Axe Installed	-	-	MARCH 2024	GOOD
15	Fire Extinguisher	HALON 1211	120611	MARCH 2024	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



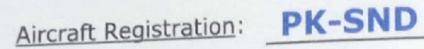
Additional Work Sheet

100 Hours / Annual Inspection

Parts Used Sheet

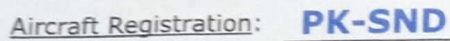
Material Used

 Dipindai dengan CamScanner



Parts Used Sheet

[illegible]



Parts Used Sheet

[illegible]