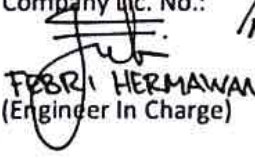




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours / Annual and Add Task Insp. Due at 500 FH.	No.	WO/018-SNC/X/2022
	Date	21 Oct 2022
	A/C Reg.	PK-SNC MSN 1016
Reference : MP PILATUS PC-6 Rev. 02	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 500 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 Company Lic. No.:  FERRY HERMAWAN (Engineer In Charge) 02/2022 NOV' 8CA. 009. 	Signature  (Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
21 Oct 2022	WO/018-SNC/X/2022	Inspection 100 Hrs / Annual and Add. Insp.	05 - NOV' - 2022.		
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	500 : 48 / 884		
	#2	-			
Propeller/Rotor	#1	FY4989	500 : 48 / 884		
	#2	-			
Landing Gear	NLG		500 : 48 / 884		
	LH MLG		500 : 48 / 884		
	RH MLG		500 : 48 / 884.		
PACKAGE COVERED					
No	Subject	Qty	Remark		
1	Non-Routine Card	5	001 THRU 005		
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	
<u>IC-001</u>					
<u>IC-002</u>					
<u>IC-003</u>					
<u>IC-004</u>					
<u>IC-005</u>					
<u>IC-006</u>					

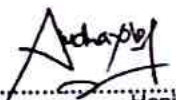
<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

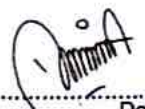
Prepared by :
Technical Support

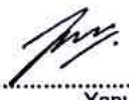
Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


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

WO Ref: WO/018-SNC/X/2022

NO .	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX	ENGINE GROUND RUN CHECK SHEET	04/2022 NOV'		FEBRI HERMAWAN	
2	APPENDIX	100 HOURS / ANNUAL INSPECTION	04/2022 NOV'		FEBRI HERMAWAN	
3	APPENDIX	FUEL DISTRIBUTION SYSTEM – ADJUSTMENT TEST	04/2022 NOV'		FEBRI HERMAWAN	
4	APPENDIX	FUEL INDICATING SYSTEM – ADJUSTMENT	04/2022 NOV'		FEBRI HERMAWAN	
5	APPENDIX	FUEL SYSTEM UNDERWING TANK INSPECTION TRANSFER PUMP FILTERS	03/2022 NOV'		FEBRI HERMAWAN	
6	APPENDIX	WHEEL AND BRAKES INSPECTION	02/2022 NOV'		FEBRI HERMAWAN	
7	NRC-001	STRUCTURE - INTERNAL & EXTERNAL CORROSION CHECK	03/2022 NOV'		FEBRI HERMAWAN	
8	NRC-002	AGB INLET SCREEN INSPECTION	03/2022 NOV'		FEBRI HERMAWAN	
9	NRC-003	LEFT AND RIGHT WING STRUT FITTING	03/2022 NOV'		FEBRI HERMAWAN	
10	NRC-004	ELT OPERATIONAL TEST	05/2022 NOV'		FEBRI HERMAWAN	
11.	NRC-005	STARTER GENERATOR LUBRICATION	04/2022 NOV'		FEBRI HERMAWAN	
12.	SCA/MTC/ 023	EMERGENCY EQUIPMENT CHECK	04/2022 NOV'		FEBRI HERMAWAN	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: PILATUS PORTER PC-6	TTSN	: 500 : 48
A/C REG	: PK-SNC	TCSN	: 884
MSN	: 1016	DATE	: 02-NOV-2022

TYPE OF INSPECTION	: INSPECTION 100 HOURS / ANNUAL & ADD. TASK INSP.
DUE AT	: 500 HOURS
REFF	: MP PILATUS PC-6 REV. 02

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
FEBRI HERMAWAN	AIRFRAME & POWER PLANT	6445 / SCA 009		05 / 2022
N/A	EIRA	N/A	N/A	NOV'

THE NEXT DUE TYPE OF INSPECTION	: 100. HRS INSPECTION
DUE AT	: 600 : 00 . FLIGHT- HOURS .

Form: SCA/MTC/049



9

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/018-SNC/X/2022	03-NOV-2022	INSPECTION	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
003	57	AIRFRAME	NABIRE
9. ZONE	10. PANEL		
-			

11. DESCRIPTION

PERFORM LEFT AND RIGHT WING STRUT FITTING

REFERENCE	☒ MM 57-00-02	☐	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT

PERFORMED LEFT AND RIGHT WING STRUT FITTING, FOUND WING STRUT FITTING STILL GOOD AND SATISFY.
REF: M.M. 57-00-02

Performed at A/C TT : 500 : 48 A/C TC /LDG : 884

FINDING	☐ Y	☒ N	ACT MHR :	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #				03 11 2022

13. PARTS REQUIRED

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

14. 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/018-SNC/X/2022	
Aircraft Registration	PK-SNC	Aircraft Total Hours	500:48
Aircraft Serial No.	1016	Aircraft Total Landings	500:884
Engine Serial No.	PCE-PG0567	Engine TSN / TSO	500:48
Propeller Serial No	FY4989	Propeller TSN / TSO	500:48
Ambient Temp	°C	FBP (Field Barometric Pressure)	29.92 in.Hg
Date	04-NOV-2022	Time	16:10.LT.
Mechanic / Engineer	WAHYONO	Authorized Engineer	FERRI HERMAWAN
Reason For Ground Run		AFTER MAINTENANCE AT. 500:00.HRS	

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 693	575 °C
	Cabin Heat	OFF	✓ OK?
1	Low Idle (Minimum Governing) Speed	51 - 53 % Ng	52.1 % Ng
	Fuel Pressure / Boost Pump OFF	Light out or 25 ± 5 psi	✓ OK?
	ITT	693	512 °C
	Oil Pressure		87 psi
	Oil Temperature		69 °C
2	Propeller Governor		
	Maximum Np	1980 - 2000 rpm (90.0 - 90.9 %)	rpm
	Py Disconnected		% Ng
	Py Connected		% Ng
	Difference	Maximum 0.3% Ng	%
	Airbleed Link at Minimum	1900 - 1950 rpm (86.4 - 88.6 %)	rpm
3	Aircraft with SB 161:		
	Propeller Control Lever at Minimum	1880 - 1900 rpm (85.5 - 86.4 %)	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	67.5 %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 48.5/40 lb / hr 94.9 % Ng 693 °C	41 psi 51 lb / hr 93.9 % Ng 587 °C
8	Reverse Power Setting Np Torque	1880 - 1925 rpm (85.5 - 87.5 %) psi	1900 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 %)	1900 rpm 1990 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)	3 secs 5 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	88 psi
13	Generator (Ref. 24-30-00)	Online by 60% Ng	- % Ng
14	Suction (High Idle)	4.5 – 5.2 in. Hg	N/A in. Hg
15	Engine Rundown Time After Stop	MIN 30 secs	34 secs
Additional			
	Generator Check (High Idle Under Load)	27.75 – 28.25 VDC	28.0 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 : 04 NOV 2022

A/C REG : PK-SNC

**A/C TYPE : PILATUS PORTER
PC6**

CHECKER : FEBRI HERMAWAN SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074 - 101 W	17060500025	4 NOV 2023	SERVICEABLE
2	Co-Pilot Life Vest	021343 - 195	L 849507	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.10E-A.145	LI 1108200	31 AUG 2023	SERVICEABLE
14	Crash Axe Installed	LOCAL	NSN	O/C.	SERVICEABLE
15	Fire Extinguisher	BAS1015R-5	119254	04 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	O/C.	GOOD.



Additional Work Sheet 100 Hours / Annual Inspection

Aircraft Registration: **PK-SNC**

WO# Nr: **WO/018-SNC/X/2022**

Parts Used Sheet

Special Tool Used

[illegible]



Additional Work Sheet

100 Hours / Annual Inspection

Aircraft Registration: **PK-SNC**

WO# Nr: **WO/018-SNC/X/2022**

Parts Used Sheet

Part Used

[illegible]

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/018-SNC/X/2022	03 - NOV' - 2023	INSPECTION	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
002	72	ENGINE	NABIRE
9. ZONE	10. PANEL		

11. DESCRIPTION

PERFORM AGB INLET SCREEN INSPECTION

REFERENCE

☒ MM ENGINE PT6A-27

☐

☐ OTHER

RII (*)

☐ Y

☒ N

MHR :

12. RESULT

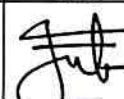
PERFORMED AGB INLET SCREEN INSPECTION, FOUND INLET SCREEN IS CLEAN, NO FOUND METAL DEBRIS. REF. EMM. PT6A-27.

Performed at A/C TT : 500:48..... A/C TC/LDG : 884.....

MECH

ENG

INSP (*)

Feb



FINDING

☐ Y

☒ N

ACT MHR :

DATE/TIME
(DD/MM/YY)

INSPECTION CARD (IC) #

03-

NOV'

2023

13. PARTS REQUIRED

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
"O" RING	AS.3209 - 115	1. EA	✓	

14. TOOLS REQUIRED

DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
GENERAL TOOLS	LOCAL	9/c	GOOD
MIRROR	LOCAL	9/c	GOOD
FLASH - LIGHT	LOCAL	9/c	GOOD.

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/018-SNC/X/2022	03 - NOV - 2022	INSPECTION	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
001	51	AIRFRAME	NABIRE
9. ZONE	10. PANEL		

11. DESCRIPTION			
PERFORM COMPLETE STRUCTURE - INTERNAL & EXTERNAL CORROSION CHECK			
REFERENCE	☐ COMPONENT MANUAL	☒ AMM 51-00-00	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
PERFORMED COMPLETE STRUCTURE - INTERNAL & EXTERNAL CORROSION CHECK, FOUND AIRCRAFT STRUCTURE STILL GOOD. REF : 51-00-00 Performed at A/C TT : 500 : 48 A/C TC /LDG : 884				
FINDING	☐ Y ☒ N	ACT MHR :	DATE/TIME (DD/MM/YY)	
INSPECTION CARD (IC) #		03	NOV	2022

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
- NIL -	-	-	-	-

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
INSPECTION LAMP	LOCAL	o/c	ok
MIRROR.	LOCAL	o/c	ok.

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/018-SNC/X/2022	03 - NOV' - 2023	INSPECTION	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
003	57	AIRFRAME	NABIRE
9. ZONE	10. PANEL	-	

11. DESCRIPTION

PERFORM LEFT AND RIGHT WING STRUT FITTING

REFERENCE	☒ MM 57-00-02	☐	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT

PERFORMED LEFT AND RIGHT WING STRUT FITTING.
FOUND STRUT FITTING STILL GOOD & SATISFY.

Performed at A/C TT : 500 : 48 A/C TC /LDG : 884

FINDING	☐ Y	☒ N	ACT MHR :	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #			03	NOV' 2022

13. PARTS REQUIRED

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
COTTER-PIN.	940.17.00.40 / 84080	4 EA	✓	

14. TOOLS REQUIRED

DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
WING-JACK	HAYERS. & LOCAL	O/C	OK

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/018-SNC/X/2022	04-NOV'-2022	LUBRICATION	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
005	24&72	ENGINE	NABIRE
9. ZONE	10. PANEL		

11. DESCRIPTION			
PERFORM STARTER GENERATOR LUBRICATION			
REFERENCE	☒ AMM 24-31-11	☒ EMM 72-60-00	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
PERFORMED STARTER GENERATOR LUBRICATION WITH PLASTILUBE #3. FOUND SHAFT STARTER GENERATOR STILL GOOD & SATISFY. REF. AMM. 24-31-11. Performed at A/C TT : 500 : 48 A/C TC /LDG : 884				
FINDING	☐ Y ☒ N	ACT MHR :	DATE/TIME (DD/MM/YY)	
INSPECTION CARD (IC) #		04	NOV'	2022

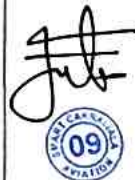
13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
PLASTILUBE #3	PLASTILUB PASTA#3	A.R	✓	

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
TORQUE - WRENCH	BP. 501 HMRH	JAN-2023	OK.

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/018-SNC/X/2022	05 - NOV - 2022	TEST	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
004	25	AIRFRAME	NABIRE
9. ZONE	10. PANEL		

11. DESCRIPTION			
PERFORM ELT OPERATIONAL TEST			
REFERENCE	☒ AMM 25-00-00	☐	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
PERFORMED ELT OPERATIONAL TEST DONE, FOUND ELT TEST WITH MANUAL OPERATE & G-SWITCH WORKING GOOD & SATISFY. BATTERY - 06/2026. REF : AMM. 25-00-00 Performed at A/C TT : 500 : 48 A/C TC /LDG : 884				
FINDING	☐ Y ☒ N	ACT MHR :		DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #		05	NOV'	2022

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
-NIL-	-	-	-	-

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
LAVESAB - TEST.	ARTS-7000	JUL7-2023.	OK.