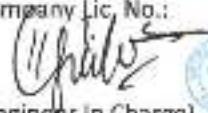




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours / Annual and Add Task Insp. Due at 800 FH.	No.	WO/028-PK-SNC/VII/2023
	Date	03 JUL 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 800 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 : ① LH IGNITER OUT OF LIMIT		
Compliance Statement CARRIED OUT 100 HRS INSP & ADD TASK	Sign & Date Company Lic. No.:  (Engineer in Charge) AGUS SULAEMAN	Signature  (Technical Manager)



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

WO Ref: WO/028-PK-SNC/VII/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX	ENGINE GROUND RUN CHECK SHEET	16/07/23		AGUS	
2	APPENDIX	100 HOURS / ANNUAL INSPECTION	16/07/23		AGUS	
3	APPENDIX	FUEL DISTRIBUTION SYSTEM – ADJUSTMENT TEST	13/07/23		AGUS	
4	APPENDIX	FUEL INDICATING SYSTEM – ADJUSTMENT	13/07/23		AGUS	
5	APPENDIX	FUEL SYSTEM UNDERWING TANK INSPECTION TRANSFER PUMP FILTERS	13/07/23		AGUS	
6	APPENDIX	WHEEL AND BRAKES INSPECTION	14/07/23		AGUS	
7	NRC-001	SPARK IGNITORS - FUNCTIONAL CHECK	15/07/23		AGUS	
8	NRC-002	FUEL NOZZLE INSPECTION - CLEANING & TEST	14/07/23		AGUS	
9	NRC-003	COMPRESSOR - CORROSION AND EROSION	15/07/23		AGUS	
10	NRC-004	BORESCOPE - HOT SECTION INSPECTION	N/A	N/A	N/A	N/A.
11	NRC-005	TURBINE - CORROSION AND EROSION	15/07/23	N/A	AGUS	N/A.
12	NRC-006	PERFORM PROPELLER OVERSPEED GOVERNOR	16/07/23		AGUS	
13	NRC-007	PERFORM LUBRICATION PROPELLER HARTZEL INSPECTION	15/07/23		AGUS	
14	NRC-008	PERFORM ENGINE DRIVEN FUEL PUMP - CHECK PUMP DRIVE SHAFT	15/07/23		AGUS	
15	NRC-009	STARTER GENERATOR - BRUSHES CHECK FOR WEAR	15/07/23		AGUS	
16	NRC-010	PEDAL BRAKE - DYE PENETRANT / NDT	N/A	N/A	N/A	N/A
17	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	15/07/23		AGUS	

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
03-JUL-2023	WO/028-SNC/VII/2023	Inspection 100 Hrs / Annual	16 July 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	778:26 / 1395	
	#2	-		
Propeller/Rotor	#1	FY4989	778:26 / 1395	
	#2	-		
Landing Gear	NLG		778:26 / 1395	
	LH MLG		778:26 / 1395	
	RH MLG		778:26 / 1395	
PACKAGE COVERED				
No	Subject	Qty	Remark	
1	Non-Routine Card	10		
2	Inspection Card	1		
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 Open Close	Name/ Sign & Stamp
IC-001	CHP 73 NO. 1A.	LH IGNITER OUT OF LIMIT	✓	AGUS [Signature] 19
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

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


Hani


Dodi


Yanuar


Istiono



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : PILATUS PORTER PC-6	TTSN : 778:26
A/C REG : PK-SNC	TCSN : 1395
MSN : 1016	DATE : 16 JUL 23

TYPE OF INSPECTION	: INSPECTION 100 HOURS / ANNUAL & ADD. TASK INSP.
DUE AT	: 800 HOURS
REF	: MP Pilatus PC-6 Issued 01. Rev. 00

EXCEPTION

— BORESCOPE INSP ESCALATION TO 10 HOURS AT 840 HOURS. —

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 SULAEYMAN	AIRFRAME & POWER PLANT	6444/SCA 019		16 JUL 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION	: 100 HRS INSP
DUE AT	: 878:26

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/D28-SNC/VII/2022		CHP 73 - NO.14	13 JULY 23	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNC / 1016	Pilatus	ENGINE			
9. ZONE	10. STA	11. MTC TYPE			
ENGINE	FS 2000	100 HRS.			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
LH IGNITER OUT OF LIMIT.		13 JULY 2023

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
PERFORMED IGNITER REPLACEMENT 1AW EN CHP 7A.20.0A. OPS CHECK GOOD. Performed at A/C TT : 718 : 26 A/C TC /LDG : 1395			13 JULY 2023

20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment ☐ Internal Leakage ☐ Chemical Spill ☐ LAV/Galley Spill ☐ Blocked Drain ☐ Wet Insulation Blanket ☐ Other		
CORROSION ☐ Isolated ☐ Widespread CORROSION LVL ☐ 1 ☐ 2 ☐ 3 PROPOSED ACTION ☐ Doublers ☐ Others			

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
IGNITER	CH34055	1	NSN	NSN	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
TORQUE WRENCH	KW0102971	SEPT 2023	OK

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/028-PK-SNC/VII/2023	03 July 2023	FUNCTIONAL CHECK	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
01	74	AIRFRAME	FS 2000
9. ZONE	10. PANEL		
ENGINE			

11. DESCRIPTION

SPARK IGNITORS - FUNCTIONAL CHECK

REFERENCE

☐ COMPONENT MANUAL

☒ AMM 74-20-00

☐ OTHER

RII (*)

☐ Y

☒ N

MHR :

12. RESULT

PERFORMED FUNCTIONAL CHECK
SPARK IGNITERS. RESULT GOOD.

MECH

ENG

INSP (*)

[Signature]

Performed at A/C TT : 778:26 A/C TC /LDG : 1395

FINDING

☐ Y

☒ N

ACT MHR :

DATE/TIME
(DD/MM/YY)

INSPECTION CARD (IC) #

13

07

2023

13. PARTS REQUIRED

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
-NIL-				

14. TOOLS REQUIRED

DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
-NIL-			

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/028-PK-SNC/MV/2023	03 July 2023	CLEANING & TEST	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
02	73	AIRFRAME/ENG FS 2000	
9. ZONE	10. PANEL		
ENGINE			

11. DESCRIPTION			
FUEL NOZZLE INSPECTION - CLEANING & TEST			
REFERENCE	☐ COMPONENT MANUAL	☒ MM ENGINE PT84-27	☐ OTHER
R/I (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
PERFORMED FUEL NOZZLE REPLACEMENT WITH SERVICEABLE FUEL NOZZLE IAW EMM CHP 73.10.05.				
Performed at A/C TT: 778:26 A/C TC/LDG: 1395				
FINDING	☐ Y	☒ N	ACT MHR :	
INSPECTION CARD (IC) #		13	07	2023

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
FUEL NOZZLE	3106347-01	1 SET		✓

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
TORQUE WRENCH	BP50INMRMH	AUG 2023	OK

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO1028-PK-SNC/MW/2023	03 July 2023	INSPECTION	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
03	72	ENGINE	FS 2000
9. ZONE	10. PANEL		
ENGINE			

11. DESCRIPTION			
COMPRESSOR - CORROSION AND EROSION			
REFERENCE	☐ COMPONENT MANUAL	☒ AMM 72-30-00	☐ OTHER
RII (*)	☐ Y	☒ N	MHR:

12. RESULT		MECH	ENG	INSP (*)
PERFORMED COMPRESSOR - CORROSION & EROSION CHECK. RESULT GOOD. Performed at A/C TT: 778:26 A/C TC/LDG: 1395				
FINDING	☐ Y	☒ N	ACT MHR:	
INSPECTION CARD (IC) #			DATE/TIME (DD/MM/YY)	
			14	07 2023

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

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



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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO028-PK-SNC/VII/2023	03 July 2023	INSPECTION	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
04	72		
9. ZONE	10. PANEL		

11. DESCRIPTION			
BORESCOPE - HOT SECTION INSPECTION			
REFERENCE	☐	☒ EMM 72-30-00	☐ OTHER
RII (*)	☐ Y	☒ N	MHR:

12. RESULT		MECH	ENG	INSP (*)
N/A. ESCALATION 40 HOURS. 003/STE/TM/VII/2023.				
Performed at A/C TT: A/C TC/LDG:				
FINDING	☐ Y	☐ N	ACT MHR:	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #				

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

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



APPLICATION AND APPROVAL FORM SHORT TERM ESCALATION AND DEFERRED RECTIFICATION INTERVAL (D76)

Form: SCA/MTC/007

Applicant No.	: 003/STE/TM/VII/2023	Date	: 11 July 2023
Aircraft Type	: Pilatus PC6	Aircraft Registration	: PK-SNC
Component / Inspection / Technical Directive / Work Requiring Escalation: Borescope Inspection (WQ/028-PK-SNC/VII/2023 100H/Annual Inspection & Add.Task)			
Part Name / Subject	: Pilatus Porter PC6	Position	: Nabire
Part No. / Models	: Pilatus PC6	TSN/TSO	: 778:24 Hrs
Serial No.	: 1016	CSN/CSO	: 1395 Cye
Total Time	: 778:24 Hrs	Approved TBO	: 400 Hrs
Escalation	: I / II	Approved Deferment Interval	: 40 Hrs
		Due at	: 840Hours
Escalation Required:			
40 Hours 840 Hours			
Reason for Escalation:			
Awaiting Special Tools sent from Kalimantan, due to present tool in Nabire is in problem			
Special Action / Attention / Instruction Incorporated:			
N/A			
Enclosed:			
Extension of Hnt Section Inspection, as part of HSI area for borescope area on 400 Hrs Insp. Interval: EFH: 50 Hrs (SB 1803)		 Han Dwi M. Escalation Requestor: Name & Sign	
APPROVAL NO. 003 / PK-SNC/ STE / SCA/VII/ 2023			
Remark:			
I hereby certify that aircraft / component / part bearing this escalation has been inspected and safe for flight			
Date:	Preparation by:	Reviewed & Approved by:	Escalation II - Approved by
11 July 2023	 (Technical Manager)	 (Chief Inspector)	N/A (PAI / DGCA Inspector)
ESCALATION CLOSING : - Close / Accomplishment Date : - At Aircraft Total Time : - Short Brief / Explanation of Closure :			
(Name & Sign)			

Rev. 00, August 2020



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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/028-PK-SNC/VII/2023	03 July 2023	INSPECTION	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
05	72		
9. ZONE	10. PANEL		

11. DESCRIPTION			
TURBINE - CORROSION AND EROSION			
REFERENCE	☐	☒ EMM 72-30-00	☐ OTHER
R/II (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
N/A. ESCALATION 40 HOURS 003/STE/TM/VII/2023				
Performed at A/C TT : A/C TC/LDG :				
FINDING	☐ Y	☐ N	ACT MHR :	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #				

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/028-PK-SNC/VII/2023	03 July 2023	OPERATIONAL CHECK	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
06	71	AIRFRAME/ENGINE	F-S 2000
9. ZONE	10. PANEL		
ENGINE			

11. DESCRIPTION

PERFORM PROPELLER OVERSPEED GOVERNOR

REFERENCE

☐

☒ AMM Ch. 71-00-00

☐ OTHER

RII (*)

☐ Y

☒ N

MHR :

12. RESULT

PERFORMED PROPELLER OVERSPEED GOVERNOR CHECK. RESULT GOOD.

MECH

ENG

INSP (*)

[Signature]

Performed at A/C TT : 778:26 A/C TC /LDG : 1395

FINDING

☐ Y

☐ N

ACT MHR :

DATE/TIME
(DD/MM/YY)

INSPECTION CARD (IC) #

16

07

2023

13. PARTS REQUIRED

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
-NIL-				

14. TOOLS REQUIRED

DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
-NIL-			

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO028-PK-SNC/VIU/2023	03 July 2023	LUBRICATION	PK-SNC/1018
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
07	61	AIRFRAME/ENGINE	FS 2000
9. ZONE	10. PANEL		
DATUM/PROP			

11. DESCRIPTION			
PERFORM LUBRICATION PROPELLER HARTZEL INSPECTION			
REFERENCE	☐	☒ PROP. MANUAL 61-00-18	☐ OTHER
Rll (*)	☐ Y	☒ N	MHR:

12. RESULT		MECH	ENG	INSP (*)
PERFORMED LUBRICATION PROPELLER HARTZEL. CHECK GOOD.				
Performed at A/C TT: 778:26 A/C TC/LDG: 139.5				
FINDING	☐ Y	☒ N	ACT MHR:	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #			1A	07 2023

13. PARTS REQUIRED					
DESCRIPTION	PART NO	QTY	REMARK		
			STOCK	STATUS	
- NIL - CHEMICAL	GREASE AEROSHIELD	1R	✓	✓	

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
GREASE GUN	-	OC	GOOD

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

1. JOWO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/028-PK-SNC/MW/2023	03 July 2023	CHECK	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
08	28	AIRFRAME/ENGINE	FS 2000
9. ZONE	10. PANEL		
ENGINE			

11. DESCRIPTION			
PERFORM ENGINE DRIVEN FUEL PUMP - CHECK PUMP DRIVE SHAFT			
REFERENCE	☐	☒ AMM 28-20-03	☐ OTHER
R/II (*)	☐ Y	☒ N	MHR:

12. RESULT		MECH	ENG	INSP (*)
PERFORMED ENGINE DRIVEN FUEL PUMP DRIVE SHAFT CHECK. RESULT GOOD.				
Performed at A/C TT: 778:26 A/C TC/LDG: 1395				
FINDING	☐ Y ☐ N	ACT MHR:		
INSPECTION CARD (IC) #		14	07	2023

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

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

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO028-PK-SNC/VII/2023	03 July 2023	CHECK	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
09	24	AIRFRAME	FS 2000
9. ZONE	10. PANEL		
ENGINE			

11. DESCRIPTION

STARTER GENERATOR - BRUSHES CHECK FOR WEAR

REFERENCE	☐	☒ AMM 24-31-11	☐ OTHER
R/II (*)	☐ Y	☒ N	MHR:

12. RESULT

PERFORMED BRUSHES CHECK STARTER GENERATOR. RESULT REMAIN 30%.

Performed at A/C TT : 778:26 A/C TC /LDG : 1395.

FINDING	☐ Y	☒ N	ACT MHR :
DATE/TIME (DD/MM/YY)			

INSPECTION CARD (IC) #		13	07	2023
------------------------	--	----	----	------

13. PARTS REQUIRED

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
NIL				

14. TOOLS REQUIRED

DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
GENERAL TOOLS	-	OC	GOOD

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/028-PK-SNC/VII/2023	03 July 2023	NDT	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
10	32		
9. ZONE	10. PANEL		

11. DESCRIPTION

PEDAL BRAKE - DYE PENETRANT / NDT

REFERENCE

☐ COMPONENT MANUAL

☒ AMM 32-00-00

☐ OTHER

R/II (*)

☐ Y

☒ N

MHR :

12. RESULT

- N/A.

MECH

ENG

INSP (*)

Performed at A/C TT : A/C TC /LDG :

FINDING

☐ Y

☐ N

ACT MHR :

DATE/TIME
(DD/MM/YY)

INSPECTION CARD (IC) #

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/028-SNC/VII/2023	
Aircraft Registration	PK-SNC	Aircraft Total Hours	778:26
Aircraft Serial No.	1016	Aircraft Total Landings	1395
Engine Serial No.	PCE-PG0567	Engine TSN / TSO	778:26
Propeller Serial No	FY4989	Propeller TSN / TSO	778:26
Ambient Temp	29 °C	FBP (Field Barometric Pressure)	1010 HPA In.Hg
Date	16 JUL 2023	Time	23:16 UTC
Mechanic / Engineer	—	Authorized Engineer	AGUS
Reason For Ground Run		ENGINE RUN UP 100 HRS INSP	

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	

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	580 °C
	Cabin Heat	OFF	✓ OK?
1	Low Idle (Minimum Governing) Speed	51 - 53 % Ng	51.6 % Ng
	Fuel Pressure / Boost Pump OFF	Light out or 25 ± 5 psi	✓ OK?
	ITT		514 °C
	Oil Pressure		90 psi
	Oil Temperature		60 °C
2	Propeller Governor		
	Maximum Np	1980 - 2000 rpm (90.0 - 90.9 %)	1990 rpm
	Py Disconnected		91. % Ng
	Py Connected		91 % Ng
	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
3	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	1 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

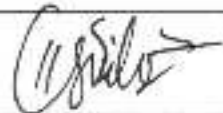
Appendix – Engine Ground Run Check Sheet

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 340 lb/hr / 40.7 gal/hr 94.7 % Ng 688 °C	41 psi 44.6 gal/hr 93.9 % Ng 581 °C
8	Reverse Power Setting Np Torque	1880 - 1925 rpm (85.5 - 87.5 %) psi	1880 rpm 21.6 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 %)	1880 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)	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	89 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	34 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?



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 16 JUL 2023	A/C REG : PK-SNC	
A/C TYPE : PILATUS PORTER PC6	CHECKER : Agus	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	PO107A-101W	17060500025	4 NOV 23	SERVICEABLE
2	Co-Pilot Life Vest	0213A3-195	L8A9507	04 NOV 23	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	First Aid Kit	AMCI NCO.1DE.A.HS	LI110820D	31 AUG 23	SERVICEABLE
14	Crash Axe Installed	MANUFACTURE	NSN	OC	GOOD
15	Fire Extinguisher	BASIO ISR-5	11925A	4 NOV 23	SERVICEABLE
16	Life Raft (If Installed)	-	-	-	-
17	Survival Kit (If Installed)	10001-1	NSN	APRIL 24	SERVICEABLE
OTHERS					
18	FLASH LIGHT	LOCAL	NSN	OC	GOOD



Additional Work Sheet
100 Hours / Annual Inspection

Parts Used Sheet

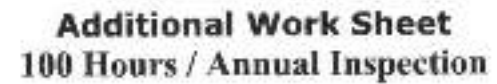
1

Aircraft Registration: **PK-SNC**

WO# Nr: WO/025-PK-SNC/V/2023
WO/028-PK-SNC/V11/2023

Part Used

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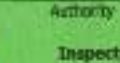


WO# Nr: WO/028-PK-SWC/VI/2023 Parts Used Sheet

2

[illegible]

1. Apping Unit/Aviation Aviation/Aviation		AUTHORIZED RELEASE CERTIFICATE FAA FORM 746-1, AIRCRAFT/AVIATION APPROVAL TAG			2. Form Tracking Number 8611393	
3. PRODUCTION SOURCE Aviation/Aviation/Aviation		4. Issuance Date and Address Testron Aviation Inc. (PC4) Testron Aviation Inc. 1 Cassie Blvd, Wichita, KS 67215			5. Work Order/Contract/Order Number 5138909	
6. Item 360	7. Description KONYEN	8. Part Number CH34055	9. Quantity 1	10. Serial Number N/A	11. Status/Work New	
12. Remarks AUTHORIZED RELEASE DOCUMENT						
POW: 00238						
13. Function of Item (Describe item and its intended use, in detail) ☒ Approved design data and its condition for all operations. ☐ New design data specified in Block 1.			14. ☐ FOR USE as a ☐ Other (Specify in Block 1) Confirm the above information specified in Block 13, is correct, correct in Detail, and correct in Block 12 this approval tag is associated with. (See 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 14.8, 14.9, 14.10, 14.11, 14.12, 14.13, 14.14, 14.15, 14.16, 14.17, 14.18, 14.19, 14.20, 14.21, 14.22, 14.23, 14.24, 14.25, 14.26, 14.27, 14.28, 14.29, 14.30, 14.31, 14.32, 14.33, 14.34, 14.35, 14.36, 14.37, 14.38, 14.39, 14.40, 14.41, 14.42, 14.43, 14.44, 14.45, 14.46, 14.47, 14.48, 14.49, 14.50, 14.51, 14.52, 14.53, 14.54, 14.55, 14.56, 14.57, 14.58, 14.59, 14.60, 14.61, 14.62, 14.63, 14.64, 14.65, 14.66, 14.67, 14.68, 14.69, 14.70, 14.71, 14.72, 14.73, 14.74, 14.75, 14.76, 14.77, 14.78, 14.79, 14.80, 14.81, 14.82, 14.83, 14.84, 14.85, 14.86, 14.87, 14.88, 14.89, 14.90, 14.91, 14.92, 14.93, 14.94, 14.95, 14.96, 14.97, 14.98, 14.99, 15.00, 15.01, 15.02, 15.03, 15.04, 15.05, 15.06, 15.07, 15.08, 15.09, 15.10, 15.11, 15.12, 15.13, 15.14, 15.15, 15.16, 15.17, 15.18, 15.19, 15.20, 15.21, 15.22, 15.23, 15.24, 15.25, 15.26, 15.27, 15.28, 15.29, 15.30, 15.31, 15.32, 15.33, 15.34, 15.35, 15.36, 15.37, 15.38, 15.39, 15.40, 15.41, 15.42, 15.43, 15.44, 15.45, 15.46, 15.47, 15.48, 15.49, 15.50, 15.51, 15.52, 15.53, 15.54, 15.55, 15.56, 15.57, 15.58, 15.59, 15.60, 15.61, 15.62, 15.63, 15.64, 15.65, 15.66, 15.67, 15.68, 15.69, 15.70, 15.71, 15.72, 15.73, 15.74, 15.75, 15.76, 15.77, 15.78, 15.79, 15.80, 15.81, 15.82, 15.83, 15.84, 15.85, 15.86, 15.87, 15.88, 15.89, 15.90, 15.91, 15.92, 15.93, 15.94, 15.95, 15.96, 15.97, 15.98, 15.99, 16.00, 16.01, 16.02, 16.03, 16.04, 16.05, 16.06, 16.07, 16.08, 16.09, 16.10, 16.11, 16.12, 16.13, 16.14, 16.15, 16.16, 16.17, 16.18, 16.19, 16.20, 16.21, 16.22, 16.23, 16.24, 16.25, 16.26, 16.27, 16.28, 16.29, 16.30, 16.31, 16.32, 16.33, 16.34, 16.35, 16.36, 16.37, 16.38, 16.39, 16.40, 16.41, 16.42, 16.43, 16.44, 16.45, 16.46, 16.47, 16.48, 16.49, 16.50, 16.51, 16.52, 16.53, 16.54, 16.55, 16.56, 16.57, 16.58, 16.59, 16.60, 16.61, 16.62, 16.63, 16.64, 16.65, 16.66, 16.67, 16.68, 16.69, 16.70, 16.71, 16.72, 16.73, 16.74, 16.75, 16.76, 16.77, 16.78, 16.79, 16.80, 16.81, 16.82, 16.83, 16.84, 16.85, 16.86, 16.87, 16.88, 16.89, 16.90, 16.91, 16.92, 16.93, 16.94, 16.95, 16.96, 16.97, 16.98, 16.99, 17.00, 17.01, 17.02, 17.03, 17.04, 17.05, 17.06, 17.07, 17.08, 17.09, 17.10, 17.11, 17.12, 17.13, 17.14, 17.15, 17.16, 17.17, 17.18, 17.19, 17.20, 17.21, 17.22, 17.23, 17.24, 17.25, 17.26, 17.27, 17.28, 17.29, 17.30, 17.31, 17.32, 17.33, 17.34, 17.35, 17.36, 17.37, 17.38, 17.39, 17.40, 17.41, 17.42, 17.43, 17.44, 17.45, 17.46, 17.47, 17.48, 17.49, 17.50, 17.51, 17.52, 17.53, 17.54, 17.55, 17.56, 17.57, 17.58, 17.59, 17.60, 17.61, 17.62, 17.63, 17.64, 17.65, 17.66, 17.67, 17.68, 17.69, 17.70, 17.71, 17.72, 17.73, 17.74, 17.75, 17.76, 17.77, 17.78, 17.79, 17.80, 17.81, 17.82, 17.83, 17.84, 17.85, 17.86, 17.87, 17.88, 17.89, 17.90, 17.91, 17.92, 17.93, 17.94, 17.95, 17.96, 17.97, 17.98, 17.99, 18.00, 18.01, 18.02, 18.03, 18.04, 18.05, 18.06, 18.07, 18.08, 18.09, 18.10, 18.11, 18.12, 18.13, 18.14, 18.15, 18.16, 18.17, 18.18, 18.19, 18.20, 18.21, 18.22, 18.23, 18.24, 18.25, 18.26, 18.27, 18.28, 18.29, 18.30, 18.31, 18.32, 18.33, 18.34, 18.35, 18.36, 18.37, 18.38, 18.39, 18.40, 18.41, 18.42, 18.43, 18.44, 18.45, 18.46, 18.47, 18.48, 18.49, 18.50, 18.51, 18.52, 18.53, 18.54, 18.55, 18.56, 18.57, 18.58, 18.59, 18.60, 18.61, 18.62, 18.63, 18.64, 18.65, 18.66, 18.67, 18.68, 18.69, 18.70, 18.71, 18.72, 18.73, 18.74, 18.75, 18.76, 18.77, 18.78, 18.79, 18.80, 18.81, 18.82, 18.83, 18.84, 18.85, 18.86, 18.87, 18.88, 18.89, 18.90, 18.91, 18.92, 18.93, 18.94, 18.95, 18.96, 18.97, 18.98, 18.99, 19.00, 19.01, 19.02, 19.03, 19.04, 19.05, 19.06, 19.07, 19.08, 19.09, 19.10, 19.11			

		SERVICEABLE TAG	
Part Number: 3106397-01		Description: FUEL NOZZLE SET PRG-27	
Serial Number: 50224	Qty: 19 EA	☐ Part R30-4	☐ Part R30-5 SCA Item 1
Order Number: -	Receipt Date: 10 July 2023	☐ Part R30-6 For Class 1 Product	☐ Part R30-7 For Class 2 Product Only
Mfg. Date: -	Vendor / Approved Shop: P8WC	The Part Identified has been:	
TSN:	Shelf Life Expiry Date: -	☒ Inspected only ☐ Supplied ☐ Other	
Remarks: CLEANING AND SPRAY TEST HAS BEEN DNE. REF. 547M 73-10-05 ALL GMP 10/ July 23	TSR: -	CERTIFICATE OF RELEASE TO SERVICE I hereby certify that the work recorded above have been carried out in accordance with the requirements of the Indonesian Civil Aviation Safety Regulations applicable thereto and is in conformity	
Store Inspector: Nisa Agaga	Store Name: Outstation Store:	Signature:  Authority: Inspector Date: 10 July 2023	
Condition: BU 5008	Name:		

SERVICEABLE TAG			
Part Number: A53209-009		Description: O-RING	
Serial Number: N/A	Qty: 116	☐ Form 1130-4 For Class I Product	
Order Number: 5135542	Accept Date: 10/04/2023	☒ CAPED Form 1130-4.5 For Class II/III Product	
Mfg. Date: 24 Jan / 2023	Vendor / Approved Shop: FA	☐ Cat C For Class II Product Only	
TSN:	Short Life Expiry Date: N/A	☐ Inspected only	
Remarks: GOOD	TSO: N/A	☐ Retained	
	Store Inspector: TORO	☒ New	
	Main Store: AEROPOLIS	☐ Other	
CERTIFICATE OF RELEASE TO SERVICE I hereby certify that the work reported above has been carried out in accordance with the requirements of the Indonesian Civil Aviation Safety Regulations applicable thereto and is hereby			
Condition:		Sign/Stamp: MM Authority: 1186 PETA Date: 30/06/23	
Form: MCA/MTC/022			

JENNIFER GREENWELL

User/End-user Responsibilities

It is important to understand that the existence of this document does not and does not automatically constitute authority to carry the described repair/operation out.

When the user/holder performs a task in accordance with the national regulations of an airworthiness authority, different from the airworthiness authority of the location specified in block 1, it is essential that the user/holder accepts that he/she is an airworthiness authority accepts overall responsibility for the airworthiness of the family specified in block 1.

Statements in blocks 11a and 11b do not constitute final release certification. In all cases, aircraft maintenance records may contain the certificate verification issued by the authority of the national regulatory body, the certificate holder and the client may be found.

FAA Form 1130-1 (02-11) 3291-002-00-012-0000

Serial Number: NSN		Description: IGNITER	
Order Number: 5138909	Receipt Date: 10/09/2023	☐ Permit 51.30-1 For Class 1 Product	☒ DAAD Form 21-13 For Class 2/3 Product
Mfg. Date: 24/01/2023	Vendor / Approved Shop: FAA	☐ C of C For Class 2 Product Only	
TSN: NSN	Shelf Life Expiry Date: N/A	The Part Identified has been:	
Remarks: GOOD	TSO: N/A	☐ Inspected only ☐ Repaired ☒ New ☐ Other	
Condition: NEW	Store Inspector: RYNARDI	CERTIFICATE OF RELEASE TO SERVICE	
Form: SI/AMTC/032	Main Store: AEROPOLIS	I hereby certify that the work recorded above has been carried out in accordance with the requirements of the Indonesian Civil Aviation Safety Regulations applicable thereto and is satisfactory.	
		Sign/Stamp	Authority Date: 07/07/2023



DOCUMENT FORM BORESCOPE INSPECTION FORM

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Engine Borescope Inspection

Job No: WO/028-SNC/VII/2023

<u>Engine Serial Number</u>	<u>Date</u>	<u>Base / Location</u>	<u>Aircraft Registration</u>
PCE-PG0567	29 JULY 2023	NABIRE	PK-SNC
<u>Aircraft Total Time</u>	<u>Aircraft Total Cycle</u>	<u>Reason For Borescope</u>	
794:55 Hours	1418 Cycle	400 HOURS INSPECTION	

Note:

Record any discrepancies found during inspection, and/or take photographic evidence.

If None, then write No Findings. If you find defects, please quote EMM (Engine Maintenance Manual) Reference and Limitations.

Item	Work Description	SIGN	STAMP
1	Remove fuel manifold adapter as necessary (Ref. 73-10-05).		
2	Perform inspection of the First Stage Compressor. Defects: RESULT FOUND NO DEFECT <u>If defects found, quote MM Limitation and References :-</u>		

Photo of First Stage Compressor 1st Quadrant

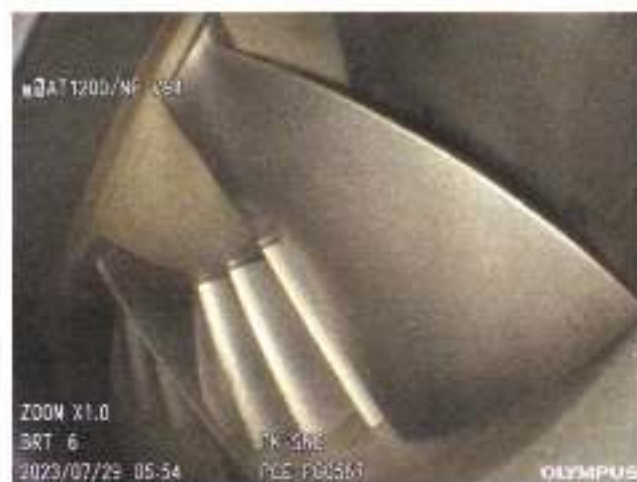
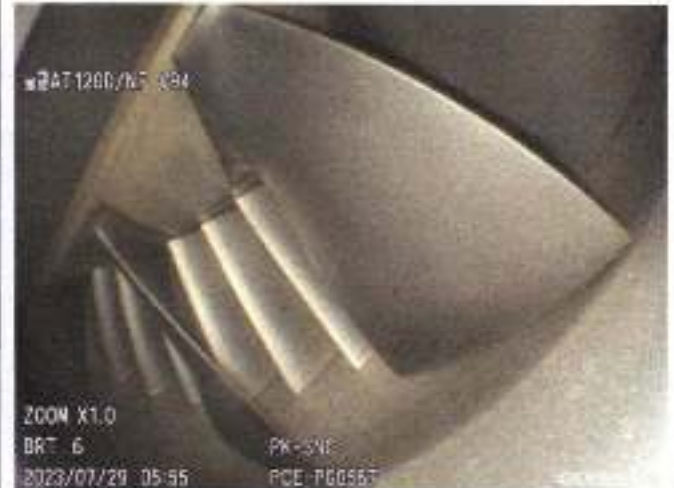


Photo of First Stage Compressor 2nd Quadrant



Photo of First Stage Compressor 3rd Quadrant

Photo of First Stage Compressor 4th Quadrant


3

Perform inspection of Combustion Chamber Liner Assembly.

Defects:
Localized burning and carbon build up of the cooling ring
If defects found, quote MM Limitation and References :
PT6A-27 EMM 72-40-01 Para. 6.B (Acceptable Conditions)

SIGN

STAMP



Photo of Combustion Chamber 1st Quadrant

Photo of Combustion Chamber 2nd Quadrant


Photo of Combustion Chamber 3rd Quadrant

Photo of Combustion Chamber 4th Quadrant


4

Perform Inspection of CT-Stator assembly.
Defects:
RESULT FOUND NO DEFECT
If defects found, quote MM Limitation and References :

SIGN

STAMP



Photo of CT Stator 1st Quadrant

Photo of CT Stator 2nd Quadrant


Photo of CT Stator 3rd Quadrant

Photo of CT Stator 4th Quadrant


5

Perform inspection of CT-Blades and shroud segments.
Defects:

RESULT FOUND NO DEFECT

If defects found, quote MM Limitation and References :

SIGN

STAMP



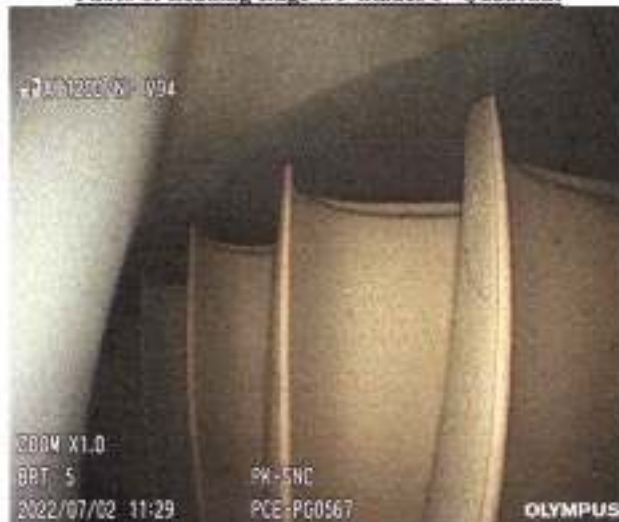
Photo of Leading Edge CT-Blades 1st Quadrant

Photo of Leading Edge CT-Blades 2nd Q


Photo of Leading Edge CT-Blades 3rd Quadrant

Photo of Leading Edge CT-Blades 4th Quadrant


6

Perform inspection CT-Blades Trailing Edge

Defects:

RESULT SATISFACTORY FOUND NO DEFECT

If defects found, quote MM Limitation and References :

SIGN

STAMP



Photo of CT-Blades Trailing Edge 1st

Photo of CT-Blades Trailing Edge 2nd Q

Photo of CT-Blades Trailing Edge 3rd Q

Photo of CT-Blades Trailing Edge 4th Q


7 Perform inspection of PT-Blades <u>Defects:</u> <u>RESULT FOUND NO DEFECT</u> <u>If defects found, quote MM Limitation and References :</u>	<table border="1"> <thead> <tr> <th data-bbox="1236 405 1361 450">SIGN</th> <th data-bbox="1361 405 1514 450">STAMP</th> </tr> </thead> <tbody> <tr> <td data-bbox="1236 450 1361 678">  </td> <td data-bbox="1361 450 1514 678">  </td> </tr> </tbody> </table>	SIGN	STAMP		
SIGN	STAMP				
					
<u>Photo of PT-Blades 1st Q</u>  Photo showing PT-Blades 1st Q with handwritten markings and inspection data.	<u>Photo of PT-Blades 2nd Q</u>  Photo showing PT-Blades 2nd Q with handwritten markings and inspection data.				
<u>Photo of PT-Blades 3rd Q</u>  Photo showing PT-Blades 3rd Q with handwritten markings and inspection data.	<u>Photo of PT-Blades 4th Q</u>  Photo showing PT-Blades 4th Q with handwritten markings and inspection data.				
8 Install fuel manifold adapter(s) (Ref. 73-10-05).	<table border="1"> <thead> <tr> <th data-bbox="1236 1928 1361 1973">SIGN</th> <th data-bbox="1361 1928 1514 1973">STAMP</th> </tr> </thead> <tbody> <tr> <td data-bbox="1236 1973 1361 2072"></td> <td data-bbox="1361 1973 1514 2072"></td> </tr> </tbody> </table>	SIGN	STAMP		
SIGN	STAMP				



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 7

9

Perform fuel leak check post fuel nozzle installation



BORESCOPE PERFORMED BY

Name: **AGUS SULAEMAN**

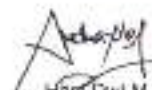
Signature :

Stamp :





**APPLICATION AND APPROVAL FORM SHORT TERM ESCALATION
AND DEFERRED RECTIFICATION INTERVAL (D76)**
Form: SCA/MTC/007

Applicant No.	: 003/STE/TM/VII/2023	Date	: 11 July 2023
Aircraft Type	: Pilatus PC6	Aircraft Registration	: PK-SNC
Component / Inspection / Technical Directive / Work Requiring Escalation: Borescope Inspection (WO/028-PK-SNC/VII/2023 100H/Annual Inspection & Add Task)			
Part Name / Subject	: Pilatus Porter PC6	Position	: Nabire
Part No. / Models	: Pilatus PC6	TSN/TSO	: 778:24 Hrs
Serial No.	: 1016	CSN/CSO	: 1395 Cys
Total Time	: 778:24 Hrs	Approved TBO	: 400 Hrs
Escalation	: I / II	Approved Deferment Interval	: 40 Hrs
		Due at	: 840Hours
Escalation Required: 40 Hours 840 Hours			
Reason for Escalation: Awaiting Special Tools sent from Kalimantan, due to present tool in Nabire is in problem			
Special Action / Attention / Instruction Incorporated: N/A			
Enclosed: Extension of Hot Section Inspection, as part of HSI area for borescope area on 400 Hrs Insp. Interval: EPH: 50 Hrs (SB 1803)		 Har Dwi M. Escalation Requestor: Name & Sign	
APPROVAL NO. 003 / PK-SNC / STE / SCA/VII/ 2023			
Remark:			
I hereby certify that aircraft / component / part bearing this escalation has been inspected and safe for flight			
Date: 11 July 2023	Preparation by:  (Technical Manager	Reviewed & Approved by:  (Chief Inspector	Escalation II - Approved by: N/A (PAI / DGCA Inspector
ESCALATION CLOSING - Close / Accomplishment Date - At Aircraft Total Time - Short Brief / Explanation of Closure		29 July 2023. 794:55 HRS CARRIED OUT BORESCOPE INSP. FOUND RESULT GOOD.	
		 AGUS SULAETMAN (Name & Sign)	

Rev. 00, August 2020