



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Starter Generator Replacement	No.	WO/035-PK-SNC/X/2023
	Date	25 OCTOBER 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 Starter Generator Replacement
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	Sign & Date Company Lic. No.: (Engineer In Charge)	Signature (Technical Manager)
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SUMMARY INSPECTION ITEMS
(Form: SCA/MTC/050)

WO Ref: WO/035-PK-SNC/X/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	NRC#01	STARTER GENERATOR REPLACEMENT				

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
25-OCTOBER-2023	WO/035-SNC/X/2023	Replacement	

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	
	#2	-	
Propeller/Rotor	#1	FY4989	
	#2	-	
Landing Gear	NLG		
	LH MLG		
	RH MLG		

PACKAGE COVERED

No	Subject	Qty	Remark
1	Non-Routine Card	1	
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		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



Hani

Checked by :
Chief Maintenance



Dodit

Verified by :
Chief Inspector



Yanuar

Approved by :
Technical Manager



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PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE	: PILATUS PORTER PC-6			TTSN	:
A/C REG	: PK-SNC			TCSN	:
MSN	: 1016			DATE	:
TYPE OF INSPECTION	: Starter Generator Replacement.				
DUE AT	: 1000 HOURS				
REF	: MP Pilatus PC-6 Issued 01. Rev. 00				
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
	AIRFRAME & POWER PLANT				
	EIRA				
THE NEXT DUE TYPE OF INSPECTION :					
DUE AT :					



INSPECTION CARD
(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
	WO/035-SNC/X/2022			
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNC / 1016	Pilatus			
9. ZONE	10. STA	11. MTC TYPE		

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

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Performed at A/C TT : A/C TC /LDG :			
20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	<input type="checkbox"/> Environment	<input type="checkbox"/> Internal Leakage	
CORROSION <input type="checkbox"/> Isolated <input type="checkbox"/> Widespread	<input type="checkbox"/> Chemical Spill		
CORROSION LVL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> LAV/Galley Spill		
PROPOSED ACTION <input type="checkbox"/> Doublers	<input type="checkbox"/> Blocked Drain		
<input type="checkbox"/> Others	<input type="checkbox"/> Wet Insulation Blanket		
.....	<input type="checkbox"/> Other		
21. If the defect is RII, Please Sign this card finally by RII Inspector			INSP
NOTICE OF INSPECTOR			DATE

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



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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/035-PK-SNC/X/2023	25 OCT 2023	Replacement	PK-SNC/1016
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
01	80		
9. ZONE	10. PANEL	-	

11. DESCRIPTION

PERFORM STARTER GENERATOR REPLACEMENT
REMOVE
PN: 23048-021
SN: P1059

REFERENCE	<input type="checkbox"/>	<input checked="" type="checkbox"/> AMM Ch. 80-10-00	<input type="checkbox"/> OTHER
RII (*)	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	MHR :

12. RESULT				MECH	ENG	INSP (*)
Performed at A/C TT : A/C TC /LDG :						
FINDING	<input type="checkbox"/> Y	<input type="checkbox"/> 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



MAINTENANCE PROGRAM

PILATUS PORTER PC6

Appendix – Starter-Generator Replacement

Reg. Mark : PK - Date : _____
MSN : _____ Station : _____
TSN / CSN : _____ WO No. : _____

ITEM CODE NO	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN & STAMP	RII SIGN & STAMP
1		If there is an engine starting fault or an electrical generation defect, do the following inspections:		
		a. Inspect the starter-generator drive splines:		
		1) Inspect per Aircraft Maintenance Manual (AMM).		
		2) If there is no inspection procedure in the AMM Chapter 80-10-00, clean the starter-generator splines and inspect for evidence of electrical arcing damage (in the form of pitting) using a 10Xmagnifying glass. NOTE: 1. If there is any evidence of electrical arching, return engine to an approved overhaul facility for Electrical Discharge Damage (EDD) repair. NOTE: 2. If there is NO evidence of electrical arching, inspect the main oil filter (Ref. Step (b)).		
		3) If cause of pitting cannot be determined, metallurgical analysis may be required. Contact the Aircraft OEM.		
		b. Inspect the main oil filter:		
		1) Do a main oil filter patch check. The results of the filter patch analysis should be reviewed within the next 25 flight hours. If non allowable debris is found, follow the recommended maintenance actions.		



MAINTENANCE PROGRAM

PILATUS PORTER PC6

Appendix – Starter-Generator Replacement

ITEM CODE NO	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN & STAMP	RII SIGN & STAMP
		2) Regardless of the results of the patch analysis, repeat step 1 every 100 hours, for the next 700 flight hours.		
		3) If bearing material (AMS 6440/6444 or AMS 6490/6491 is found, remove the engine/gas generator module and send to an approved overhaul facility for repair.		

PERSONNEL PARTICIPATION IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is considered fit for Release to Service.

Name : _____ Place/Date : _____

Sign & Stamp : _____



Additional Work Sheet

Starter Generator Replacement

Aircraft Registration: **PK-SNC**

WO# Nr: WO/035-PK-SNC/X/2023

Parts Used Sheet

Tool Used



Aircraft Registration: **PK-SNC**

The logo for smartaviation features a green infinity symbol with a small airplane flying over it, and the word "smartaviation" in a stylized font.

WO# Nr: WO/035-PK-SNC/X/2023

Additional Work Sheet

Starter Generator Replacement

Parts Used Sheet

Part Used