



**PT. SMART CAKRAWALA AVIATION**

**WORK ORDER**

Form: SCA/MTC/030

Subject : <b>Starter Generator Replacement</b>	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		
<p><b>Description :</b></p> <ol style="list-style-type: none"> <li>1. Perform Starter Generator Replacement</li> <li>2. Make an entry in Maintenance Log.</li> <li>3. Return the Completed Work Order and Form to PPC.</li> </ol> <p>#If any finding, please close the routine card, and transferred to inspection card.</p>		
<p><b>Additional Work :</b></p>		
Compliance Statement	Sign & Date Company Lic. No.:  (Engineer In Charge)	Signature   (Technical Manager)



**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		
<b>AIRCRAFT DATA</b>					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-PG0567			
	#2	-			
Propeller/Rotor	#1	FY4989			
	#2	-			
Landing Gear	NLG				
	LH MLG				
	RH MLG				
<b>PACKAGE COVERED</b>					
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			
<b>INSPECTION CARD (IC) LIST (Finding during maintenance)</b>					
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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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

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**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	:

**Form: SCA/MTC/049**

	<b>INSPECTION CARD</b> <b>(Form: SCA/MTC/ 048)</b>	<b>TECHNICAL DEPARTMENT</b>
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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	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



**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			
<b>PERFORM STARTER GENERATOR REPLACEMENT REMOVE</b> 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

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. <b>NOTE:</b> 1. If there is any evidence of electrical arching, returnengine to an approved overhaul facility for Electrical Discharge Damage (EDD) repair. <b>NOTE:</b> 2. If there is NO evidence of electrical arching, inspectthe 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 : \_\_\_\_\_





## Parts Used Sheet

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

## Parts Used Sheet

[illegible]