



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Unscheduled Inspection – After Over Run Landing (FOD)	No.	WO/076-SNP/X/2021
	Date	01-Oct-2021
	A/C Reg.	PK-SNP C208B-5495
Reference : MP C208B REV. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

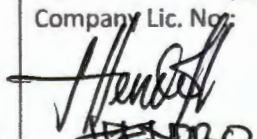
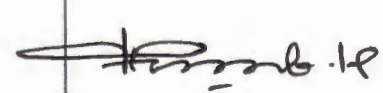
Description :

1. Perform Unscheduled Inspection – After Over Run Landing (FOD).
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 :

- ENGINE ASSY REPLACEMENT
- PROPELLER ASSY REPLACEMENT
- DRAG LINK SPRING REPLACEMENT
- NOSE LANDING GEAR ASSY REPLACEMENT
- L/H LOWER COWLING REPLACEMENT

Compliance Statement UNSCHEDULED INSPECTION CARRIED OUT	Sign & Date Company Lic. No. SCA 28  (Engineer In Charge)	Signature  (Technical Manager) ANDREAS. H.
		



PT. SMART CAKRAWALA AVIATION

WORK ORDER

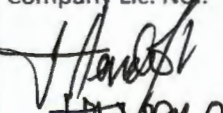
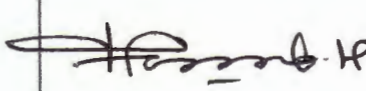
Form: SCA/MTC/030

Subject : Defect Rectification and Replacement on PK-SNP, Station Long Bawan	No.	WO/076-SNP/X/2021
	Date	01-October-2021
	A/C Reg.	PK-SNP C208B-5495
Reference : MP C208B REV. 10, AMM C208/208B, P&WC Engine Model PT6A-140, McCauley Owner Manual	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : AMO – PT. Smart Cakrawala Aviation		

Description :

1. Perform Defect Rectification and Replacement on PK-SNP, Station Long Bawan - Kaltara.
 - Engine Assy Replacement
 - Propeller Assy Replacement
 - Drag Link Spring Replacement
 - Additional Items

Additional Work :

Compliance Statement	Sign & Date Company Lic. No: SCA 28  (Engineer In Charge)	Signature  (Technical Manager) ANDREAS. H.
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AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
01-Oct-2021	WO/076-SNP/X/2021	Unscheduled Inspection	15 OCTOBER 2021	
A/C Type		Mfg. Serial Number	A/C Registration	
C208B		C208B-5495	PK-SNP	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0546 PCE-VA0723	0/0	
	#2	- DISCHARGE/OLD		
Propeller/Rotor	#1	180972 OLD 181158	36:51	
	#2	-		
Landing Gear	NLG	NEW ONE		
	LH MLG			
	RH MLG			
PACKAGE COVERED				
No	Subject	Qty	Remark	
1	Non-Routine Card	-		
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				
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>					

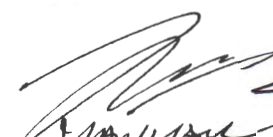
Prepared by :
Technical Support


.....
GUSAIL P.

Checked by :
Chief Maintenance


.....
Dadit S

Verified by :
Chief Inspector


.....
E. M. M. M.

Approved by :
Technical Manager


.....
ANDREAS H.



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

WO Ref: WO/076-SNP/X/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX A05	FOREIGN OBJECT DAMAGE	15 OCT 2021	260 MHR	f. B. M. R.	
2	APPENDIX A16	PROPELLER SUDDEN STOPPAGE OR STRIKE	15 OCT 2021	260 MHR	f. B. M. R.	

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
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1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
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				
	☐ Environment				
	☐ Internal Leakage				
CORROSION ☐ Isolated ☐ Widespread	☐ Chemical Spill				
CORROSION LVL ☐ 1 ☐ 2 ☐ 3	☐ LAV/Galley Spill				
PROPOSED ACTION ☐ Doublers	☐ Blocked Drain				
☐ Others	☐ Wet Insulation Blanket				
	☐ 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



TECHNICAL SUPPORT
TECHNICAL DEPARTMENT
ENGINEERING ORDER

003/EO/TEK-TS/III/2021

Rev. No

Original

Rev. Date

01/10/2021

ENGINE CHANGE - Major Component Inventory Record

Registration	: PK-SNP	Work Order Number	: WO/076-SNP/X/2021
Airframe Time	: 3079:43	Airframe Landings	: 5233
Engine Time	: 0	Engine Cycle	: 0

	Engine OFF			Engine ON		
Description	Part Number	Serial Number	Time Remaining	Part Number	Serial Number	Time Remaining
Engine Assembly	PT6A-140	PCE-VA0546	920:17	PT6A-140	PCE-VA0723	4000:00 ✓
Propeller Assembly	4HPR3ACT78	180972	420:17	4HPR3ACT78	181158	3463:09 ✓
Compressor Bleed Valve	3049038-03	9319	920:17	3049038-03	9928	4000:00 ✓
Fuel Control Unit	8063-636A	21501168	920:17	8063-636A	21683824	4000:00 ✓
Oil Fuel Heater	3076422-05	WA62295	920:17	3076422-05	WA62295	920:17 ✓
Igniter Exciter	CH92106-1A	182060	920:17	CH92106-1A	182060	920:17 ✓
Flow Divider	3023670	M1101	0/c	3023670	M1466	4000:00 ✓
Oil Cooler	380345000	T0505	0/c	380345000	T0505	0/c ✓
Starter Generator	300S6L145 Q	S00661	918:22	300S6L145 Q	S00661	918:22 ✓
Alternator	9910592-2	H-S092102	0/c	9910592-2	H-S092102	0/c ✓
Fuel Pump	3040760 D	016389	920:17	3040760-D	017880	4000:00 ✓
Propeller Governor	66503-8210-002-01	21459056	920:17	66503-8210-002-01	22406849	4000:00 ✓
Propeller Overspeed Governor	66503-210539-01	21443962	920:17	66503-210539-01	22407799	4000:00 ✓
Fuel Nozzle	PT6A-140 NO2	UNK	120:17	PT6A-140 NO2	UNK	400:00 ✓

NOTE: ANY OTHER COMPONENT CHANGES MUST BE FILL ON ADDITIONAL WORKSHEET (SCA-MTC 030)

Revision No. : 01
SCA/AMO 1-001
October 2020



AMO MANUAL

FORMS

SCA-MTC 030 – ADDITIONAL WORKSHEET

ACFT REG : PK-SNP

JOB NO : WO/076-SNP/X/2021

ADD WORK SHEET NO : 001

ITEM No.	WORK REQUIRED	RECTIFICATION	PART No	SERIAL No	CERTIFICATION	
1	ENGINE MOUNTING REPLACEMENT	REPLACE ENGINE MOUNT PINS	OFF: 2651022-20	OFF: NSN	MECH	DATE
			ON: 2651022-20	ON: NSN	BSA824	10 OCT 2021
			TTIS:		INSP	LIC No
			Landings:		Handwritten signature and stamp	5583
			Release Doc S/N:		AMM:	71-20-05. Rev. 67
			OFF:	OFF:	MECH	DATE
			ON:	ON:		
			TTIS:		INSP	LIC No
			Landings:			
			Release Doc S/N:		AMM:	
			OFF:	OFF:	MECH	DATE
			ON:	ON:		
			TTIS:		INSP	LIC No
			Landings:			
			Release Doc S/N:		AMM:	

Coordinator Signature:

Handwritten signature

Licence No:

5583

Date:

10 OCT 2021

For and on behalf of AMO PT SCA

INSP SIGNATURE MUST BE AMEL HOLDER RATED ON THE TYPE

LIST OF TOOL/EQUIPMENT

No	DESCRRPTION	NAME MANUFACTURE & ADDRESS	PART NUMBER	SERIAL NUMBER	QTY.	CLASSIFICATION (X)			CAL. DATE	CAL. DUE	LOCATION	EFFECTIVITY
						GENERAL	SPECIAL	PRECISION				
1.	CRANE				1	X					LBW	UNIVERSAL SAFETY
2.	SLING				1		X				LBW	FOR PT6A
3.	HOIST				1		X				LBW	FOR PP6A
4.	TORQUE WRENCH				1			X			LBW	

ENGINE RUN PERFORMANCE SHEET

PT6A POWER ASSURANCE CHECK

A/C REG: PK-SNP	ENGINE MODEL (TICK (✓) IF APPLICABLE)		ENGINE SN: PCE-VA 0723	ENGINE RECORDS
A/C SN: C208B 5495	PT6A-114			TSN: 0
	PT6A-114A			TSO:
	PT6A-140	✓		CSN: 0
				CSO:

DATE PRE-INSPECTION	:	DATE PRE-INSPECTION	:	14 OCTOBER 2021
LOCATION	:	LOCATION	:	LONG BAWAN
CYCLES	:	CYCLES	:	0
OAT	:	OAT	:	33°C
PRESSURE ALTITUDE	:	PRESSURE ALTITUDE	:	8060
FIELD BAROMETER	:	FIELD BAROMETER	:	1012 / 3060
A/C HEADING	:	A/C HEADING	:	280°
WIND DIRECTION	:	WIND DIRECTION	:	NO WIND DATA
WIND SPEED	:	WIND SPEED	:	6 knot

PRE-INSPECTION				Refer to MM 71-00-01-5 Results PRE:	POST-INSPECTION			
TARGET VALUES		OBSERVED VALUES			TARGET VALUES		OBSERVED VALUES	
TQ (%)		TQ (%)	2	Refer to MM 71-00-01-5 Results POST:	TQ (%)	2240	TQ (%)	2250
ITT (°C)		ITT (°C)			ITT (°C)	844	ITT (°C)	843
NG (%)		NG (%)			NG (%)	102.9	NG (%)	101.9
NP (%)		NP (%)			NP (%)	1900	NP (%)	1890
OIL PRESS (PSI)		OIL PRESS (PSI)			OIL PRESS (PSI)		OIL PRESS (PSI)	91
OIL TEMP (°C)		OIL TEMP (°C)			OIL TEMP (°C)		OIL TEMP (°C)	74
START TEMP (°C)		START TEMP (°C)			START TEMP (°C)		START TEMP (°C)	693
FUEL FLOW (PPH or Kg/hr)		FUEL FLOW (PPH or Kg/hr)			FUEL FLOW (PPH or Kg/hr)	541	FUEL FLOW (PPH or Kg/hr)	508

- GROUND RUN CHECK FOUND SATISFACTORY.
 - * LOW IDLE : 56.6
 - * High Idle : 65.8
- PERFORMANCE CHECK (SEE PREV. ATTACHMENT)



RETURN TO SERVICE

AIRCRAFT TYPE : C208 B EX REGN NO : PK-SNP
CUSTOMER : PT SMART CAKRAWALA AVIATION AIRFRAME HRS : 3079:43
AIRFRAME CYCLES : 5233 ENGINE HRS & CYCLES : 0
TYPE OF WORK : ENGINE ASSY REPLACEMENT
MANUAL REFERENCE : C208 SERIES AMM CH 71-00-00 REV. 370 EMM P76A-140
NEXT INSPECTION : 100 HRS INSPECTION

The aircraft airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current instructions contained in the operator maintenance manual, the maintenance rules of the DGAC under which the operator is certificated and is determined to be approved for return to service except as specified in deferred defect list. Pertinent details of the repair are on file at this AMO under work.

Order No. : WD/076-SNP/x/2021 Date : 14 OCT 2021

Signed
and
Stamp:



(Signature of authorized representative)

For : **PT.SMART CAKRAWALA AVIATION**
DGAC 145D/1003

(Approve Maintenance Organization name & certification number)

Gedung Smartdeal Lt.4 Jalan Cideng Timur No.16A, Jakarta Pusat 10130, Indonesia

(Address)



AMO MANUAL

FORMS

SCA-MTC 058 – MAINTENANCE RELEASE AND CUSTOMER ACCEPTANCE

MAINTENANCE RELEASE & CUSTOMER ACCEPTANCE

AIRCRAFT TYPE : C208B EX REGN NO : PK-SNP
MAINTENANCE ORG : PT SMART CAERAWALA AVIATION AIRFRAME HRS : 3079 : 43
TYPE OF WORK : ENGINE ASSY REPLACEMENT
MANUAL REFERENCE : C208 SERIES AMM CH 71-00-00 Rev. 37 & EMM PTGA-140

I HEREBY CERTIFY AND ACCEPT THAT THE WORK SPECIFIED IN THE WORK SCOPE ABOVE
HAVE BEEN PERFORMED IN ACCORDANCE WITH THE DGAC AIRWORTHINESS REGULATION
AND MEET TO PT. SMART CAERAWALA AVIATION REQUIREMENTS IS IN AIRWORTHY
CONDITION AND SAFE FOR FLIGHT .

Order No. : WD 1076-SNP/x /2021 Date : OCT 15, 2021

Signed :

(Signature of authorized representative)

For :

PT. SMART CAERAWALA AVIATION

(Air operating Certificate holder name & certification number)

SMART DEAL BUILDING 4TH FLOOR, Jl. CIDENG TIMUR NO. 16A

(Address)



**SCHEDULE PLAN ENGINE & PROPELLER REPLACEMENT AND DEFFECT-RECTIFICATION PK-SNP CESSNA
CARAVAN C208B EX, LONG BAWAN-NORTH KALIMANTAN.**

NO	DESCRIPTION	NUMBER OF DAYS									
		DAY-1	DAY-2	DAY-3	DAY-4	DAY-5	DAY-6	DAY-7	DAY-8	DAY-9	DAY-10
1	Preparation	• Dock-in. • Preliminary Inspection.	• Open Access Panel. • Accessories Removal.								
2	Propeller			• Accessories Removal. • Propeller Removal.							
3	Engine				• Engine Removal.		• Engine Installation.	• Engine Installation. • Propeller Installation.	• Accessories Installation. • Close Access Panel.		
4	Defects				• Rectification.	• Rectification.	• Rectification.				
5	Engine Ground Run & Propeller Balancing									• Adjustment and Test Engine, Propeller.	
6	Test Flight & Return to Service										• RTS. • Test Flight.

ENGINEER	MECHANIC	RII INSPECTOR	AOC TECH.REP ACCEPTANCE
HENDRO TRIYONO	BASHIR	SAMPURNA HAMBATANA	YANUAR ABDUL FATAH
Total: 4 Peoples x 9 hours per day x 10 Days = 360 ManHours			