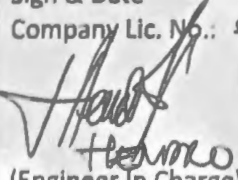
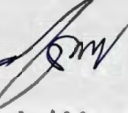




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Engine Assy Installation	No.	WO/006-SNO/XII/2022
	Date	2 December 2022
	A/C Reg.	PK-SNO C208B-2375
Reference : MP C208B Rev. 12 EI NO. 011/EO/TEK-TS/XII/2022	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : <u>Engineer In Charge</u>		
Description : 1. Perform Engine Assy Installation 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 : - REF TO WO/006-SNO/XII/2022 FOR ACCOMPLISH INSTRUCTION AND WORK DETAIL		
Compliance Statement CARRIED OUT	Sign & Date Company Lic. No.: SCA 28   (Engineer In Charge)	Signature  (Technical Manager)

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
2 Dec 2022	WO/008-SNO/XII/2022	Engine Assy Installation	16 December 2022	
A/C Type C208B		Mfg. Serial Number C208B-2375	A/C Registration PK-SNO	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-PC1937	3624:05 / 3729	
	#2	-		
Propeller/Rotor	#1	111120	2043:29	
	#2	-		
Landing Gear	NLG		6195:41 / 8665	
	LH MLG		6135:41 / 8665	
	RH MLG		6135:41 / 8665	
PACKAGE COVERED				
No	Subject	Qty	Remark	
1	Non-Routine Card	1	✓	
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 Open Close	Name/ Sign & Stamp
<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



.....

Istiono



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

WO Ref: WO/006-SNO/XII/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	NRC-001	INSTALLATION OF ENGINE ASSY PT6A-114A REF EO NO. 011/EO/TEK-TS/XII/2022	16 DEC 22	36 MHR	HENDER	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	CESSNA 208B	TTIN	368405
A/C REG	PK-SND	TCIN	3729
MSN	C208B-2375	DATE	16 DEC 22

TYPE OF INSPECTION ENGINE ASSY INSTALLATION

DUE AT

REF EO NO. 011/EO/TEK-TS/XIV/2022

EXCEPTION

Handwritten signature

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
HENDRO	AIRFRAME & POWER PLANT	5583/28	<i>Handwritten signature</i> 28	16 DEC 22
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : ENGINE REPLACEMENT

DUE AT

Form: SCA/MTC/049

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE		
6. A/C REG/MIN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #			
9. ZONE	10. STA	11. MTC TYPE				
13. DESCRIPTION/DEFECT-IF FINDING OF CPOI INSPECTION, PLEASE COMPLETE SET 20				14. PENDING	15. DATE	
16. CORRECTIVE ACTION			17. MECH	18. ENG. LIC	19. DATE	
Performed at A/C TT: _____ A/C TO R/DG: _____						
20. CORROSION INFORMATION						
LOCATION		CAUSE OF DAMAGE				
CORROSION ☐ Isolated ☐ Widespread CORROSION LVL ☐ 1 ☐ 2 ☐ 3 PROPOSED ACTION ☐ Doublers ☐ Others ☐ Blocked Drain ☐ Wet Insulation Blanket ☐ Other		☐ Environment ☐ Internal Leakage ☐ Chemical Spill ☐ LAV/Galley Spill				
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			

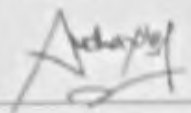
	TECHNICAL SUPPORT TECHNICAL DEPARTMENT ENGINEERING ORDER		011/EO/TEK-TS/XII/2022	
			Rev. No	Original
			Rev. Date	2/14/2022

ENGINEERING ORDER

011/EO/TEK-TS/XII/2022

INSTALLATION OF ENGINE ASSY PT6A-114A ON CESSNA C208B

PT. SMART CAKRAWALA AVIATION

Prepared	Checked	Approved
Technical Support	Chief Inspector	Technical Manager
Signature: 	Signature: 	Signature: 
Name: Dwi M.	Name: Yanuar A. F.	Name: Istiono
Date: 2 Dec 22	Date: 2 Dec 22	Date: 2 Dec 22



TECHNICAL SUPPORT
TECHNICAL DEPARTMENT
ENGINEERING ORDER

011/EO/TEK-TS/XII/2022

Rev. No

Original

Rev. Date

2/12/2022

**SMART AVIATION
ENGINEERING ORDER**

No. EI:
011/EO/TEK-TS/XII/2022

Rev. No. :
Original

Date Issued :
2 December 2022

Task Description :

**INSTALLATION OF ENGINE ASSY
PT6A-114A ON CESSNA C208B**

Data Reference :

- **Model 208 Series Maintenance Manual
Revision 37, Revision Date Mar 1, 2020
Chapter 71 Power Plant – Maintenance
Practices**

Aircraft Type :

**CESSNA C208B WITH ENGINE MODEL PT6A-
114A / PT6A114**



TECHNICAL SUPPORT
TECHNICAL DEPARTMENT
ENGINEERING ORDER

011/EO/TEK-TS/XII/2022

Rev. No

Original

Rev. Date

2/12/2022

**SMART AVIATION
ENGINEERING ORDER**

1. Description.

This EO is issued, to perform installation checklist powerplant maintenance practices the PT6A-114/PT6A-114A engine on Cessna C208B.

2. Aircraft Effectivity.

REGISTRATION	SERIAL NUMBER
PK-SNO	208B-2375

3. Compliance

The Engine model PT6A-114A have TBO 3600 Hours, after removal the engine that is installed on airframe refer to accomplishment instruction task card, install the overhauled/new engine on the aircraft refer to accomplishment instruction task card.

4. Distribution.

TECHNICAL MANAGER	[]	MATERIAL SUPPORT	[]
SAFETY & QUALITY MANAGER	[]	TECHNICAL SUPPORT	[]
CHIEF INSPECTOR	[]	FILE	[]

5. Manhours

32.0 man-hour to do the inspection.

6. Material.

PWC09-005	Compound, Universal
PWC09-006	Compound, Universal
PWC11-027	Solvent, Petroelum
PWC11-031	Cleaner, Engine

7. Special Tool Required.

PWC34300	Stand, Engine
PWC51861-600	Sling Assembly, Engine

8. Publication Affected.

None.



TECHNICAL SUPPORT
TECHNICAL DEPARTMENT
ENGINEERING ORDER

011/EO/TEK-TS/XII/2022

Rev. No

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**SMART AVIATION
ENGINEERING ORDER**

C208B ENGINE INSTALLATION

Date : 16 DEC 2022 Work Number : WO/006-SNO/XII/2022
Part No. Engine : PT6A-114A A/C Total Hours : 6195.41
Ser. No. Engine : PCE-PC1937 A/C Total Landings : 8665
Engine Time TSN:3684:05 TSO:7:54
CSN:3729 CSO:10
Installed on A/C Reg. : PK-SNO

Description	Eng.	RII	Remarks
B. INSTALL ENGINE (Refer to Figure 01 and Figure 02).			
1. Make and inventory record P/N and S/N of the engine and its accessories. Fill out into the List (Form Engine Change - Major Component Inventory Record)	<i>[Signature]</i>		
2. Install engine mount brackets, elastomers, and engine mount ring. Refer to Chapter 71, Engine mount - Maintenance Practices.	<i>[Signature]</i>		
3. Connect lifting hoist sling to forward and aft lifting brackets on engine and lift engine into position forward of engine mount truss.	<i>[Signature]</i>		
4. Make sure that all engine lines and equipment are clear.	<i>[Signature]</i>		
5. Lubricate the engine mount bolts with MIL-PRF-81322G Grease, before you install them to prevent corrosion.	<i>[Signature]</i>		
6. Make sure that the threads of bolts are covered during application of grease. Lubrication on threads can alter the torque reading.	<i>[Signature]</i>		
7. Move the hoist and engine aft to align the engine mount ring holes with the holes in the engine mount truss.	<i>[Signature]</i>		
8. Install the mount bolts (engine mount truss to engine mount ring) and torque the bolt/nuts to 450 to 500 inch-pounds (50.8 to 56.4 N-m). Remove the hoist and sling.	<i>[Signature]</i>		TORQUE VALUE 490 in lbs



TECHNICAL SUPPORT
TECHNICAL DEPARTMENT
ENGINEERING ORDER

011/RO/TEK-15/01/2022

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**SMART AVIATION
ENGINEERING ORDER**

9. Connect torque meter pressure and vent lines at upper left firewall. Bleed torque meter indicating system.	<i>[Signature]</i>		
10. Connect engine power controls at fuel control unit. Pig controls.	<i>[Signature]</i>	<i>[Signature]</i>	
11. Connect the electrical leads of the following items of electrical equipment:	<i>[Signature]</i>		
i) Ignition exciter high tension leads at ignition exciter (right engine mount truss).	<i>[Signature]</i>		
ii) Starter/generator (center top of engine accessory case).	<i>[Signature]</i>		REPLACE FERRULE KEYS OVERHAULING
iii) Gas generator section tachometer generator (lower right side of engine).	<i>[Signature]</i>		
iv) Fuel control heater (right rear of engine).	<i>[Signature]</i>		
v) Oil temperature sensor (right rear of engine).	<i>[Signature]</i>		
vi) Cabin bleed air heater flow control valve (lower right side of engine).	<i>[Signature]</i>		
vii) All engine to engine mount ground straps.	<i>[Signature]</i>		
viii) Propeller overspeed governor and ITT harness (left front of engine).	<i>[Signature]</i>		
ix) Propeller tachometer generator (right front of engine).	<i>[Signature]</i>		
12. Install engine fire detector warning harness.	<i>[Signature]</i>		
13. Connect starter/generator cooling air hose to starter/generator.	<i>[Signature]</i>		

	TECHNICAL SUPPORT TECHNICAL DEPARTMENT ENGINEERING ORDER		011/EO/TEK-TS/XII/2022	
			Rev. No	Original
			Rev. Date	2/12/2022

SMART AVIATION ENGINEERING ORDER

28. Install engine cowling.

29. Make an appropriate entry in Work Order (WO) and Aircraft Flight Maintenance Log (AFML)

MAINTENANCE RELEASE

I hereby certify that the above stated maintenance and/or inspection was performed in accordance with the approved Aircraft Maintenance Program and meets requirements of Civil Aviation Safety Regulations.

Name :

HENDRO

Stamp :



Signature :

[Signature]

Place/Date :

TANJAH MERAH / 16 DEC 22



TECHNICAL SUPPORT
TECHNICAL DEPARTMENT
ENGINEERING ORDER

11/EO/TEK-TS/XII/2022

Rev. No

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Rev. Date

2/12/2022

ENGINE CHANGE - Major Component Inventory Record

Registration	: PK-SNO	Work Order Number	: W 006-SNO/XII/2022
Airframe Time	: 6105 :41	Airframe Landings	: 8665
Engine Time	: 3684:05	Engine Cycle	: 3729

Description	Engine OFF			Engine ON		
	Part Number	Serial Number	Time Remaining	Part Number	Serial Number	Time Remaining
Engine Assembly	PT6A-114A	PCE-PC1937		PT6A-114A	PCE-PC1937	
Propeller Assembly				36FR34C703	111120	
Compressor Bleed Valve				3049038-03C/ 540-1407-4	7051	
Fuel Control Unit				3244897-4	C 66587	
Oil Fuel Heater				10552E	WA 43149	
Igniter Exciter				3035889C	NNA 08381369	
Flow Divider				3106345-01	25536-4	
Oil Cooler				10751B	2066	
Starter Generator				2005661192-2	2315xL	
Alternator				ASG 12000-2PX	H-4061552	
Fuel Pump				3034792 F	003170	
Propeller Governor				8210-002-01	1761189	
Propeller Overspeed Governor				D210507	1192 1473 W	
Fuel Nozzle				3106347-01		

NOTE: ANY OTHER COMPONENT CHANGES MUST BE FILL ON INSPECTION CARD (SCA/MTC/048)



PK-SNO



Additional Work Sheet

Engine Assy Installation

Parts Used Sheet

Special Tool Used

[illegible]



Additional Work Sheet

Engine Assy Installation

Aircraft Registration:

PK-SNO

WO# Nr. WO/006-SNO/XII/2022

Parts Used Sheet

Part Used

[illegible]