





PT. SMART CAKRAWALA AVIATION

## WORK ORDER

Form: SCA/MTC/030

Subject : <b>Inspection 10 FH and EI-011</b>	No.	WO/079-PK-SNX/VIII/2023
	Date	25-Aug-2023
	A/C Reg.	PK-SNX EC130T2-8829
Reference : MP EC 130 T2 Rev. 2	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
<b>Description :</b>  <ol style="list-style-type: none"><li>1. Perform Inspection 10 FH Add Task EI-011 Due at 880 FH</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>		
<b>Additional Work :</b>		
Compliance Statement  CARRIED OUT	Sign & Date 27/08/2023 Company Lic. No.: SCA 11 / 9639  (Engineer In Charge)	Signature  (Technical Manager)

Appendix B - Form: SCA/MTC/030

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
25-AUGUST-2023	WO/079-SNX/VIII/2023	10 FH Task EI-011	23 - AUG - 2023		
A/C Type		Mfg. Serial Number	A/C Registration		
EC 130 T2		8829	PK-SNX		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	53467	880:20 / 2203		
	#2	-			
Propeller/Rotor	#1	-	880:20 / 2203		
	#2	-			
Landing Gear Skid	NLG		880:20 / 2203		
	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)	-			
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>					

Appendix B - Form: SCA/MTC/051

<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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Hani

  
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Dodit




  
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Yanuar

  
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Istiono



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

WO Ref: **WO/079-PK-SNX/VIII/2023**

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	Appendix B001	10FH // 7D Inspection	27/08 2023		ROHMINDO	
2	Appendix F001	ALS Inspection 10 Hours	27/08 2023		ROHMINDO	
3	NRC#1	EI-011/TEK-TS/II/2022 Visual Inspection of rear transmission bearing support – ASB EC130-05A039	27/08 2023		ROHMINDO	

Appendix B - Form: SCA/MTC/050



PT. SMART CAKRAWALA AVIATION

## CERTIFICATE RETURN TO SERVICE

### SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : EC-130 T2	TTSN : 880 : 20
A/C REG : PK-SNX	TCSN : 880 : 20
MSN : 8829	DATE : 27 Aug 2023


TYPE OF INSPECTION : INSPECTION 10 FH Add Task EI-011  
 DUE AT : 880 FH  
 REFF : MP EC 130 T2 Rev. 2

EXCEPTION

- NIL -


#### 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
ROHINI WINDO - N.S.P	AIRFRAME & POWER PLANT	3634 / SCA 11		27/08-2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 15 FH  
 DUE AT : 885 FH

Form: SCA/MTC/049

		<b>INSPECTION CARD</b> (Form: SCA/MTC/ 048)		<b>TECHNICAL DEPARTMENT</b>	
1. CARD #		2. JO/WO #		3. ORIGINATOR	
		WO/079-SNX/VIII/2023			
4. CARD REF		5. DATE			
6. A/C REG/MSN		7. A/C TYPE		8. TRADE	
PK-SNX / 8829		EC-130 T2			
9. ZONE		10. STA		11. MTC TYPE	
13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20				14	
				PPC/ENG	
16. CORRECTIVE ACTION				15	
				DATE	
17				18	
				MECH	
19				20	
				ENG. LIC	
21. If the defect is RII, Please Sign this card finally by RII Inspector				21	
				DATE	
22. PARTS REQUIRED				22	
				DATE	
23. TOOLS REQUIRED				23	
				DATE	

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

PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN

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/079-PK-SNX/VIII/2023	25 AUGUST 2023	INSPECTION	PK-SNX/8829
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
01	10		
9. ZONE	10. PANEL		

**11. DESCRIPTION**

PERFORM EI-011/TEK-TS/II/2022 VISUAL INSPECTION OF THE REAR TRANSMISSION BEARING SUPPORT  
ASB EC130-05A039

REFERENCE	<input type="checkbox"/> Engine Maintenance Manual	<input checked="" type="checkbox"/> ASB EC130-05A039	<input type="checkbox"/> OTHER
RII (*)	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	MHR :

**12. RESULT**

PERFORMED EI-011/TEK-TS/II/2022 VISUAL  
INSPECTION OF THE REAR TRANSMISSION  
BEARING SUPPORT

Performed at A/C TT : 080 : 20 A/C TC /LDG : 2203

FINDING	<input type="checkbox"/> Y	<input type="checkbox"/> N	ACT MHR :	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #				27 08 2023

**13. PARTS REQUIRED**

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

**14. TOOLS REQUIRED**

DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS



## Parts Used Sheet

WO# Nr.: **WO/079-PK-SNX/VIII/2023**

Aircraft Registration:

## Special Tool Used

[illegible]





WO# Nr: **WO/079-PK-SNX/VIII/2023**

## Parts Used Sheet


[illegible]



**WO# Nr:**  
**WO/079-PK-SNX/VIII/2023**

### Parts Used Sheet

[illegible]

	TECHNICAL SUPPORT TECHNICAL DEPARTMENT <b>ENGINEERING INSTRUCTION</b>		011/TEK-TS/II/2022	
			Rev. No	Original
			Rev. Date	16 Feb 2022

## ENGINEERING INSTRUCTION


011/TEK-TS/II/2022

VISUAL INSPECTION OF THE REAR TRANSMISSION BEARING SUPPORT  
 ASB EC130-05A039

PT. SMART CAKRAWALA AVIATION

Prepared	Checked	Approved
Technical Support	Technical Manager	Chief Inspector
Signature: 	Signature: 	Signature: 
Name: Gusril Pane	Name: Istiono	Name: Yanuar A. Fatah
Date: 10 Feb 2022	Date: 10 Feb 2022	Date: 10 Feb 2022



	TECHNICAL SUPPORT TECHNICAL DEPARTMENT <b>ENGINEERING INSTRUCTION</b>		011/TEK-TS/II/2022
			Rev. No      Original
			Rev. Date      16 Feb 2022

## • INTRODUCTION

The purpose of this ALERT SERVICE BULLETIN is to do, as a first precautionary measure, a repetitive visual inspection of:

- The rear transmission bearing support
- The frame and the skin in the area of the bearing support.

Based on investigation outcomes, additional measures can follow:

### Revision 2:

Following Revision 0 and Revision 1 of this ALERT SERVICE BULLETIN no cases of missing, lose or sheared rivet and no cases of crack was reported to Airbus Helicopters.

This in-service feedback in addition to flight tests performed by airbus helicopters validate an increase of the inspection interval of this ALERT SERVICE BULLETIN.

Therefore, the function of Revision 2 of this ALERT SERVICE BULLETIN is to increase the inspection interval from every ALF to every 10 Flight Hours (FH).

Revision 2 of this ALERT SERVICE BULLETIN has no effect on the execution of the previous Revisions of this ALERT SERVICE BULLETIN.



TECHNICAL SUPPORT  
TECHNICAL DEPARTMENT  
**ENGINEERING INSTRUCTION**

011/TEK-TS/II/2022

Rev. No

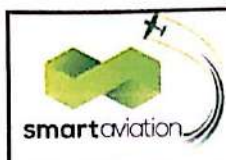
Original

Rev. Date

16 Feb 2022

**SMART AVIATION  
ENGINEERING INSTRUCTION**

Aircraft Reg.: <b>PK-SNX</b>	Make/Model: <b>EC130T2</b>	No. EI: <b>011/TEK-TS/II/2022</b>	Rev. No.: <b>Original</b>
Total Flight Hours: <b>880:20</b>	Total Flight Cycle: <b>2203</b>	Date Issued : <b>10 Feb 2022</b>	
Task Description : <b>VISUAL INSPECTION OF THE REAR TRANSMISSION BEARING SUPPORT ASB EC130T2-05A039</b>		Technical Data Reference : <b>- ASB EC130-05A039</b>	
Effectivity: <b>EC130T2 POST MOD 074581</b>			



TECHNICAL SUPPORT  
TECHNICAL DEPARTMENT  
**ENGINEERING INSTRUCTION**

011/TEK-TS/II/2022

Rev. No

Original

Rev. Date

16 Feb 2022

**SMART AVIATION  
ENGINEERING INSTRUCTION**

**1. Description.**

The purpose of this ALERT SERVICE BULLETIN is to do, as a first precautionary measure, a repetitive visual inspection

- The rear transmission bearing support
- The frame and the skin in the area of the bearing support

The function of Revision 2 of this ALERT SERVICE BULLETIN is to increase the inspection interval from every ALF to every 10 Flight Hours (FH).

Revision 2 of this ALERT SERVICE BULLETIN has no effect on the execution of the previous Revisions of this ALERT SERVICE BULLETIN.

**1. Aircraft Effectivity.**

REGISTRATION	SERIAL NUMBER
PK-SNX	8829

**DISTRIBUTION :**

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

**2. Compliance.**

7 Days after date released, and repetitive 10 Hrs after.

**3. Man- Hours.**

1 Mechanical Technician

or 1 Pilot with the correct training and accreditation in compliance with the local maintenance regulations in force, for compliance with paragraph 3. except the paragraph 3.B.2.c.

or 1 pilot-owner of the helicopter for compliance with paragraph 3.,

except the paragraph 3.B.2.c. : refer to EASA regulation and

part M.A.803 Appendix VIII (List of inspections that can be done by a pilot-owner) or to equivalent local regulations.

**4. Material.**

None. (Requirement of Defect – attached)





TECHNICAL SUPPORT  
TECHNICAL DEPARTMENT  
**ENGINEERING INSTRUCTION**

011/TEK-TS/II/2022

Rev. No

Original

Rev. Date

16 Feb 2022

**SMART AVIATION  
ENGINEERING INSTRUCTION**

**5. Tools Required.**

Light Source Cutter

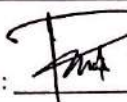

**6. Publications Affected.**

None.

**7. Accomplishment Instructions.**

Description	Eng.	Rll	Remarks
Visual inspection of the upper bearing support area (Figure 3, Details D, E and F)			
- Make sure that there is no missing, loose or sheared rivet (b) or (d) on the rear transmission bearing support (a) with the light source.		N/A	
- Make sure that there is no visible cracks on the skin in the rivets areas with the light source.		N/A	
Visual inspection of the lower bearing support area (Figure 3, Detail B)			
- Make sure that there is no missing, loose or sheared rivet (b) on the rear transmission bearing support (a) with the light source.		N/A	
- Make sure that there is no visible cracks on the frame and on the skin in the rivets areas with the light source.		N/A	
<b>NOTE:</b> 1. If there is no missing, no loose and no sheared rivet and no crack continue to final step 2. If there is at least one missing, loose or sheared rivet order to Airbus 3. If there is a crack, Stop the flights, and inform Airbus Helicopters		N/A	
- Close and lock the battery door.		N/A	
- Close and lock the tailboom fairing.		N/A	
- Remove appropriate access equipment. - Continue the flights.		N/A	
*** END OF THE TASK ***			

	TECHNICAL SUPPORT TECHNICAL DEPARTMENT <b>ENGINEERING INSTRUCTION</b>		011/TEK-TS/II/2022	
			Rev. No	Original
			Rev. Date	16 Feb 2022

<b>SMART AVIATION</b> <b>ENGINEERING INSTRUCTION</b>
<p align="center"><b>RETURN TO SERVICE</b></p> <p>I hereby certify that the aircraft has been inspected regarding the CAL-61-05 with applicable supported approved data and met the requirements as set forth with the Indonesia Civil Aviation Safety Regulation and it is approved for return to service.</p> <p>Name : <u>ROHPININDO -N-S-P</u></p> <p>Signature :  </p>
- END -

**Attachment Material If Required:**

**2.C. EQUIPMENT OR PARTS REQUIRED PER HELICOPTER/COMPONENT**

Equipment or parts to be ordered separately:

Key Word	Qty	New P/N	Item	Old P/N →	Instruction
Rivet	AR	ASNA2049DCJ3208	1	ASNA2049DCJ3208	Replace if necessary
Rivet	AR	21215DC3209J	2	21215DC3209J	Replace if necessary

Consumables to be ordered separately:

As per Work Cards and Tasks indicated in this ALERT SERVICE BULLETIN and list below:

Key Word	Qty	P/N	CM	Item
Plexiglass protection or equivalent	AR	Commercial	/	3

You can order the consumables from the AirbusWorld Marketplace through e-ordering (IN 3481-I-00). If you cannot get access to e-ordering, please contact your Logistic Focal Point.

Special tools:

Refer to the Table below.

Key Word	Qty	Tool P/N or equivalent	Item
Light source	1	Off the shelf	zz
Cutter	1	Off the shelf	yy