



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 800FH ARRIEL 2D, 600FH/12M & ADD Inspection	No.	WO/227-SNX/X/2022
		6 OCT 2022
	A/C Reg.	PK-SNX EC130T2-8829
Reference : MP EC 130 T2 Rev. 02	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform 800FH ARRIEL 2D, 600FH/12M & ADD Inspection
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 :

011/TEK-TS/II/2022

Compliance Statement <i>CARRIED OUT</i>	Sign & Date Company Lic. No.: (Engineer In Charge)	Signature (Technical Manager)
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AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
6 OCT 2022	WO/227-SNX/IX/2022	INSP. 800FH, 600FH/12			
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	830:26/2121		
	#2	-			
Propeller/Rotor	#1		830:26/2121		
	#2	-			
Landing Gear	NLG	-			
	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		Name/ Sign & Stamp
			Open	Close	
IC-001					
IC-002					
IC-003					

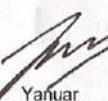
Prepared by :
Technical Support


Hani

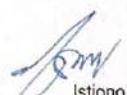
Checked by :
Chief Maintenance


Dodit

Verified by :
Chief Inspector


Yanuar

Approved by :
Technical Manager


Istiono



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

WO Ref: WO/227-SNX/X/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX C15	INSPECTION 600FH/12MTHS				
2	CHAPTER 21	ARRIEL 2D 800 FH				
3	APPENDIX C23	12 MTHS / 100 OPH INDPECTION	25/10/2022		NINDO	
4	CHAPTER 19	ARRIEL 2D 800FH/12M				
5	CHAPTER 20	ARRIEL 2D 800FH/24M				



INSPECTION CARD
(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

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		
	<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		



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE	: EC 130 T2			TTSN	:
A/C REG	: PK-SNX			TCSN	:
MSN	: 8829			DATE	:
TYPE OF INSPECTION	: 800 FH, 600 FH / 12 MTHS INSPECTION				
DUE AT	: 800 FH / OCT 2022				
REFF	: MP EC 130 T2 REV. 02				
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 :					

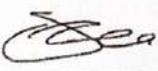
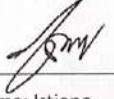
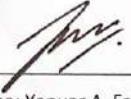
	TECHNICAL SUPPORT TECHNICAL DEPARTMENT ENGINEERING INSTRUCTION	011/TEK-TS/II/2022	
		Rev. No	Original
		Rev. Date	16 Feb 2022

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
ENGINEERING INSTRUCTION

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



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	[<input checked="" type="checkbox"/>]	MATERIAL SUPPORT	[<input checked="" type="checkbox"/>]
SAFETY & QUALITY MANAGER	[<input checked="" type="checkbox"/>]	TECHNICAL SUPPORT	[<input checked="" type="checkbox"/>]
CHIEF INSPECTOR	[<input checked="" type="checkbox"/>]	FILE	[<input checked="" type="checkbox"/>]

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
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**SMART AVIATION
ENGINEERING INSTRUCTION**

5. Tools Required.

Light Source Cutter

6. Publications Affected.

None.

7. Accomplishment Instructions.

Description	Eng.	RII	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	
NOTE: 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
ENGINEERING INSTRUCTION

011/TEK-TS/II/2022	
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**SMART AVIATION
ENGINEERING INSTRUCTION**

RETURN TO SERVICE

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.

Name : _____

Signature : _____

- 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 Cutter	1	Off the shelf Off the shelf	zz yy



TECHNICAL SUPPORT
TECHNICAL DEPARTMENT
ENGINEERING INSTRUCTION

011/TEK-TS/II/2022	
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Figure Attached:

3.B.2.c. Removal of the Teflon tape from the tailboom (Figure 1)

Only the LH side is described. Perform the RH side as per the same operational procedure.

CAUTION

PAY ATTENTION NOT TO DAMAGE THE TAILBOOM WITH THE CUTTER (yy).

- Unstick the Teflon tape (c) on the hatched area (A).
- Slip a protection (3) (not shown) between the Teflon tape (c) and the tailboom structure.

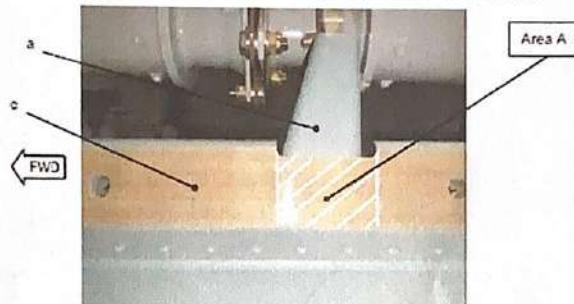


Figure 1

- Cut and remove the Teflon tape (c) on the hatched area (A) with the cutter (yy) (not shown).

3.B.2.d. Visual inspection of the rivets head of the rear bearing support under the Teflon tape (Figure 2)

Only the LH side is described. Perform the RH side as per the same operational procedure.

- Make sure that there is no missing, loose or sheared rivet (d) on the rear transmission bearing support (a) with the light source (zz).

NOTE 1

A loose rivet is a rivet with black mark or missing paint around the rivet head, refer to the Figure 2.

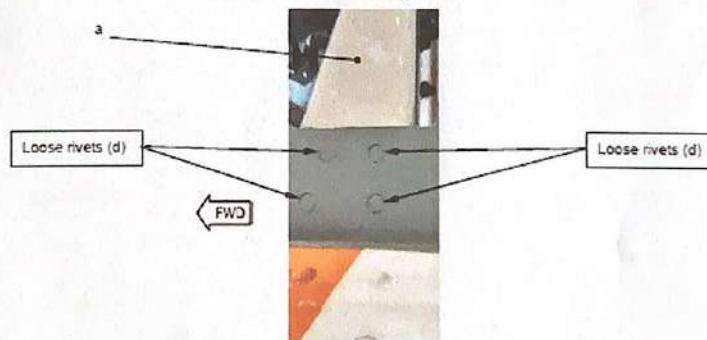


Figure 2

- Comply with paragraph 3.B.2.e.



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

**PT. SMART CAKRAWALA
AVIATION
DEPARTMENT TEKNIK
Form: SCA/MTC/023**

DATE :	A/C REG : PK-SNX
A/C TYPE : EC130T2	CHECKER : SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest				
2	Co-Pilot Life Vest				
3	Pax Life Vest				
4	Pax Life Vest				
5	Pax Life Vest				
6	Pax Life Vest				
7	Pax Life Vest				
8	Pax Life Vest				
9	Pax Life Vest				
10	Pax Life Vest				
11	Pax Life Vest				
12	Pax Life Vest				
13	Firt Aid Kit				
14	Crash Axe Installed				
15	Fire Extinguisher				
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



Aircraft Registration: PK-SNX

Parts Used Sheet

WO# Nr.: WO/227-SNX/X/2022

Special Tool Used

No.	Description	Due Date	Engineer
1	BORESCOPE TOOLS (SN: Y800281)	-	WINDO
2	EROSION GAUGE (SN: 1169266011501 SN: 3319-03)	-	WINDO
3	DIGITAL MULTIMETER	-	WINDO
4	DRONE WRENCH 3NM - 35NM	-	WINDO
5	DRATIN TURC	-	WINDO

Part Used

Date	Part Nr.	Serial Nr.	Description	Qty	Engineer
25-10-2021	CA00525A	NSN	OIL FILTER	1EA	NINDO
25-10-2021	46012CD 2500	NSN	PACKING	2EA	NINDO
25-10-2021	46012B04000	NSN	PACKING	1EA	NINDO
25-10-2021	CA0616A	NSN	FILTER ELEMENT	1EA	NINDO
25-10-2021	9794610040	NSN	PACKING	1EA	NINDO
25-10-2021	9794610600	NSN	PACKING	1EA	NINDO
25-10-2021	9794610212	NSN	PACKING	1EA	NINDO
25-10-2021	9794610265	NSN	PACKING	2EA	NINDO
25-10-2021	9794610300	NSN	PACKING	1EA	NINDO
25-10-2021	46012A00750	NSN	PACKING	1EA	NINDO
26-10-2021	F10831-0000	NSN	PACKING	2EA	NINDO
26-10-2021	9526001000	NSN	FILTER	1EA	NINDO
26-10-2021	9526001100	NSN	PACKING	1EA	NINDO
			PACKING		