



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 : <ol style="list-style-type: none">1. Perform 800FH ARRIEL 2D, 600FH/12M & ADD Inspection2. Make an entry in Maintenance Log.3. Return the Completed Work Order and Form to PPC. <p>#If any finding, please close the routine card, and transferred to inspection card.</p>		
Additional Work : 011/TEK-TS/II/2022		
Compliance Statement CARRIED OUT	Sign & Date Company Lic. No.: (Engineer In Charge)	Signature (Technical Manager)

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

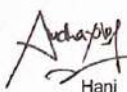
DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
6 OCT 2022	WO/227-SNX/IX/2022	INSP. 800FH, 600FH/12		
A/C Type		Mfg. Serial Number	A/C Registration	
EC 130 T2		8829	PK-SNX	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	53467	830:26 / 2121	
	#2	-		
Propeller/Rotor	#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 Open Close	Name/ Sign & Stamp
<u>IC-001</u>				
<u>IC-002</u>				
<u>IC-003</u>				


Prepared by :
Technical Support

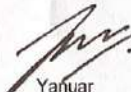
Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


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Hani


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Dodit


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Yantuar


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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				

Appendix B - Form: SCA/MTC/048

	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.: PK-SNX	Make/Model: EC130T2	No. EI: 011/TEK-TS/II/2022	Rev. No.: 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	[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

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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	
			Rev. No	Original
			Rev. Date	16 Feb 2022

SMART AVIATION ENGINEERING INSTRUCTION	
RETURN TO SERVICE	
<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 : _____</p>	
<p>Signature : _____</p>	
<p>- END -</p>	

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	21215DC3208J	2	21215DC3208J	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



TECHNICAL SUPPORT
TECHNICAL DEPARTMENT
ENGINEERING INSTRUCTION

011/TEK-TS/II/2022

Rev. No Original

Rev. Date 16 Feb 2022

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.

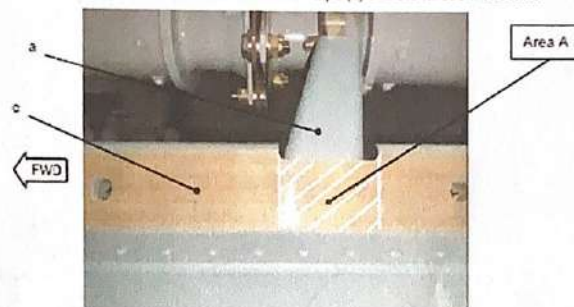


Figure 1

- 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.

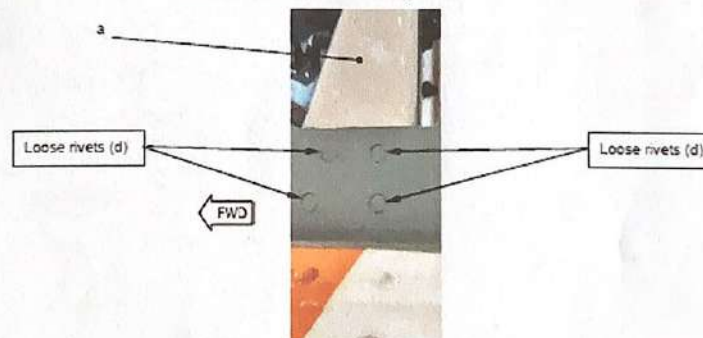


Figure 2

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

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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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					



Additional Work Sheet 800 Hrs, 600FH/12M & Add Inspection

Aircraft Registration: **PK-SNX**

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

Parts Used Sheet

Special Tool Used

No.	Description	Due Date	Engineer
1	BORESCOPE TOOLS (S/N: Y800281)	-	NINDO
2	EROSION GAGE (S/N: TM0436601) (S/N: 3379-03)	-	NINDO
3	DIGITAL MULTIMETER		NINDO
4	TORQUE WRENCH 3NM - 35Nm		NINDO
5	DRAIN TAP		NRWAN

Part Used

Date	Part Nr.	Serial Nr.	Description	Qty	Engineer
25-10-2022	CAD0525A	NSN	OIL FILTER	1EA	NINDO
25-10-2022	4601200 2500	NSN	PACKING	2EA	NINDO
25-10-2022	46012304000	NSN	PACKING	1EA	NINDO
25-10-2022	CA01616A	NSN	FILTER ELEMENT	1EA	NINDO
25-10-2022	9794610040	NSN	PACKING	1EA	NINDO
25-10-2022	9794610600	NSN	PACKING	1EA	NINDO
25-10-2022	9794610212	NSN	PACKING	1EA	NINDO
25-10-2022	9794610265	NSN	PACKING	2EA	NINDO
25-10-2022	979461030	NSN	PACKING	1EA	NINDO
25-10-2022	46012A00750	NSN	PACKING	1EA	NINDO
26-10-2022	F19831-000	NSN	PACKING	2EA	NINDO
26-10-2022	9520001000	NSN	FILTER	1EA	NINDO
26-10-2022	9520001100	NSN	PACKING	1EA	NINDO
			PACKING	1EA	NINDO