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: 
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Date: 10 Feb 2022	Date: 10 Feb 2022	Date: 10 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.

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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 :
889:29	2213	10 Feb 2022

Task Description :

VISUAL INSPECTION OF THE REAR TRANSMISSION BEARING SUPPORT ASB EC130T2-05A039

Technical Data Reference :

- **ASB EC130-05A039**

Effectivity:

EC130T2 POST MOD 074581

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

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)

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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 ***			

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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 : ROHPINUNDO. N. S. P

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	1	Off the shelf	zz
Cutter	1	Off the shelf	yy