



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

| | | |
|--|-------------|-----------------------------|
| Subject : Inspection 10 FH and EI-011 | No. | WO/092-PK-SNX/X/2023 |
| | Date | 04-October-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 | | |

Description :

1. Perform Inspection 10 FH Add Task EI-011 Due at 940 FH
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 :

| | | |
|----------------------|--|--------------------------------------|
| Compliance Statement | 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 |
|----------------|-------------------|---------------------|----------------------|
| 4-October-2023 | WO/092-SNX/X/2023 | 10 FH Task EI-011 | |

| 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 | |
| | #2 | - | |
| Propeller/Rotor | #1 | - | |
| | #2 | - | |
| Landing Gear | NLG | | |
| | 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> | | | | | |

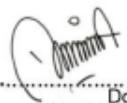
| | | | | |
|---------------|--|--|--|--|
| <u>IC-007</u> | | | | |
| <u>IC-008</u> | | | | |
| <u>IC-009</u> | | | | |
| <u>IC-010</u> | | | | |
| <u>IC-011</u> | | | | |
| <u>IC-012</u> | | | | |
| <u>IC-013</u> | | | | |
| <u>IC-014</u> | | | | |
| <u>IC-015</u> | | | | |

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/092-PK-SNX/X/2023**

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



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 | : INSPECTION 10 FH Add Task EI-011 | | | | |
| DUE AT | : 940 FH | | | | |
| REFF | : MP EC 130 T2 Rev. 2 | | | | |
| 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 : | | | | | |



INSPECTION CARD
(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

| | | | | |
|----------------|-------------------|---------------|--------------------|---------|
| 1. CARD # | 2. JO/WO # | 3. ORIGINATOR | 4. CARD REF | 5. DATE |
| | WO/092-SNX/X/2023 | | | |
| 6. A/C REG/MSN | 7. A/C TYPE | 8. TRADE | 12. VENDOR ORDER # | |
| 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 | 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 |
| NOTICE OF INSPECTOR | | | DATE |

| | | | | | | |
|--------------------|---------|-----|-----------|-----|--------|------|
| 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 |
| | | | |
| | | | |
| | | | |
| | | | |



NON ROUTINE CARD
(Form: SCA/MTC/047)

| 1. JO/WO # | 2. DATE | 3. MTC TYPE | 4. A/C REG/MSN |
|----------------------|-----------------|-------------|----------------|
| WO/092-PK-SNX/X/2023 | 04 October 2023 | INSPECTION | PK-SNX/8829 |
| 5. CARD # | 6. ATA SPEC | 7. TRADE | 8. STA |
| 01 | - | | |
| 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

| FINDING | <input type="checkbox"/> Y | <input type="checkbox"/> N | ACT MHR : | MECH | ENG | INSP (*) |
|------------------------|----------------------------|----------------------------|-----------|------|-----|----------|
| | | | | | | |
| INSPECTION CARD (IC) # | | | | | | |

13. PARTS REQUIRED

| DESCRIPTION | PART NO | QTY | REMARK | |
|-------------|---------|-----|--------|--------|
| | | | STOCK | STATUS |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

14. TOOLS REQUIRED

| DESCRIPTION | PART NO / MODEL | NEXT CALIBRATION DATE | STATUS |
|-------------|-----------------|-----------------------|--------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



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: A handwritten signature in black ink, appearing to read 'Gusril' followed by 'Pane'. | Signature: A handwritten signature in black ink, appearing to read 'Istiono'. | Signature: A handwritten signature in black ink, appearing to read 'Yanuar A. Fatah'. |
| 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 | | <ul style="list-style-type: none">- ASB EC130-05A039 | | | |
| Effectivity: | | | | | |
| EC130T2 POST MOD 074581 | | | | | |



TECHNICAL SUPPORT
TECHNICAL DEPARTMENT
ENGINEERING INSTRUCTION

011/TEK-TS/II/2022

| | |
|---------|----------|
| Rev. No | Original |
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| | |
|-----------|-------------|
| 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 [] 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)



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. | 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

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

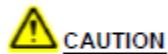
| | |
|---------|----------|
| Rev. No | Original |
|---------|----------|

| | |
|-----------|-------------|
| 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.



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.

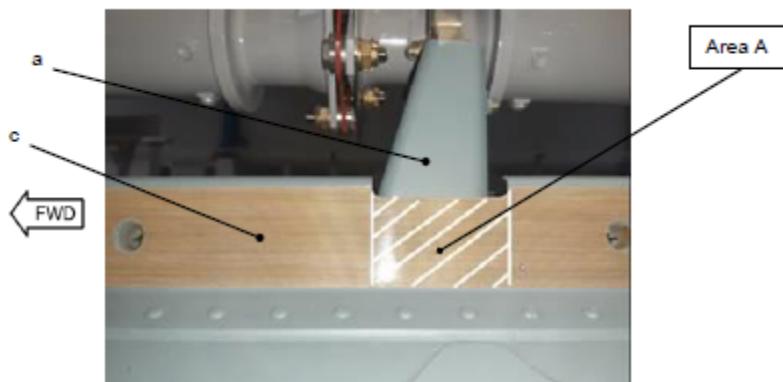


Figure 1

- 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.

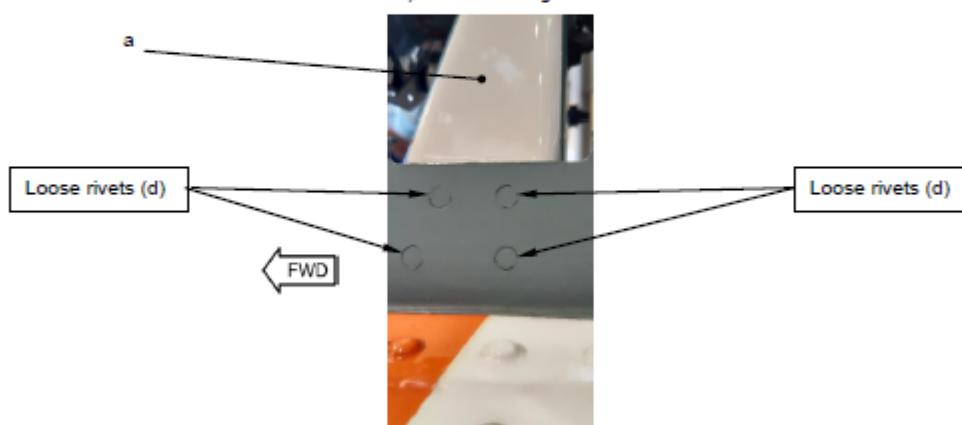


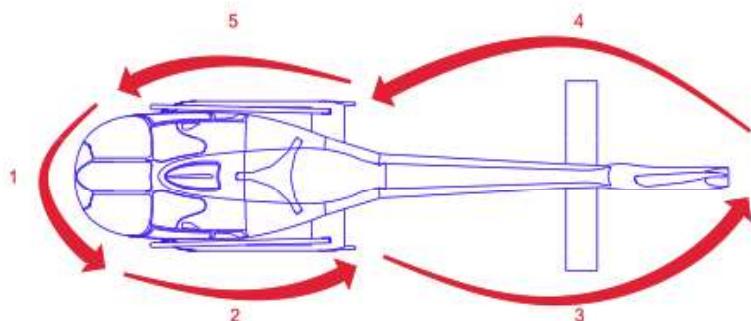
Figure 2

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

Appendix A003 – P Check

Reg. Mark : PK - _____
Date : _____

Station : _____
AFML No : _____



| ITEM CODE NO. | TASK | INITIAL | ITEM CODE NO. | TASK | INITIAL |
|------------------|--|---------|------------------|---|---------|
| STATION 1 | | | | | |
| PC001 | Door jambs, canopy arches. Condition, no cracks. | | PC003 | Sideslip indicator. Condition. | |
| PC002 | Pitot tube. Condition, cover removed or fitted as necessary. | | PC004 | MGB - Engine oil cooler air inlet. Condition, no obstruction or foreign bodies, blanking cover removed or fitted as necessary. | |
| STATION 2 | | | | | |
| PC005 | Front door jettison system Condition, no cracks (especially at the link). | | PC019 | Rear cargo door Closed and locked. | |
| PC006 | Left cabin access doors Condition, attachment, locking, no abnormal play. | | PC020 | LH side MGB and engine cowlings Opening, condition of locking systems, no abnormal play. | |
| PC007 | Landing gear Condition of crosstubes, skids, resistant plates, footstep attachment. | | PC021 | Upper cowlings Locked. | |
| PC008 | Static pressure ports Condition, blanks removed or fitted as necessary. | | PC022 | NACA air inlet No obstructions (clean if necessary). | |
| PC009 | OAT probes Condition, attachment. | | PC023 | MGB Condition, oil level, no leaks. | |
| PC010 | Antennas under bottom structure Condition. | | PC024 | Transmission deck Cleanliness. | |
| PC011 | Landing and taxiing lights Condition. | | PC025 | MGB support bars Condition, attachment. | |



MAINTENANCE PROGRAM

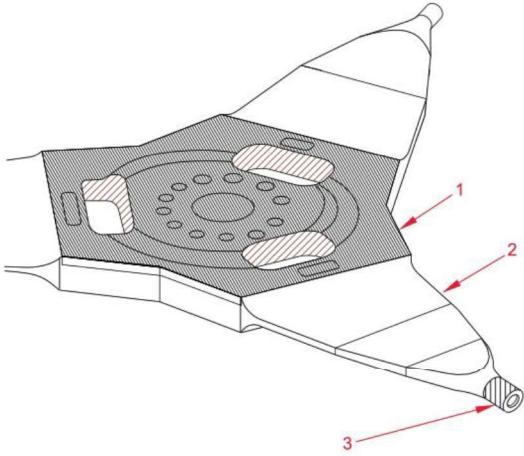
AIRBUS HELICOPTERS EC 130 T2

Appendix A003 – P Check

| ITEM CODE NO. | TASK | INITIAL | ITEM CODE NO. | TASK | INITIAL |
|--|--|---------|---|---|---------|
| PC012 | Scoop Condition, cleanliness. | | PC026 | Hydraulic system (LH side) Condition, attachment points, pipes, filter clogging indicator retracted, no leaks. | |
| PC013 | Lower cowlings Condition, secured. | | PC027 | Servos Attachment, no leaks or cracks. | |
| PC014 | Left cargo door Opening, condition, attachment points, no abnormal play. | | PC028 | Gimbal ring assembly Fitting, safety pins in place and locked. | |
| PC015 | Left cargo door Closed and locked. | | PC029 | Electrical harnesses Condition, attachment. | |
| PC016 | Rear cargo door Opening, condition, attachment points, no abnormal play. | | PC030 | Fuel shut-off valve Condition, attachment, no interference. | |
| PC017 | Rear cargo bay FADEC secured and harness condition. | | PC031 | MGB cowling (LH side) Closed and locked. | |
| PC018 | KANNAD INTEGRA AP-H Emergency Locator Transmitter Condition, security, check "ARM" or "OFF" as necessary. | | NOTE If the aircraft is grounded for a long period (more than 2 months), set the switch on the ELT to the "OFF" position. | | |
| STATION 2 – ENGINE AND ENGINE BAY | | | | | |
| PC032 | Engine air intake Attachment: condition, seal condition. | | PC038 | Fuel filter Clogging indicator retracted. | |
| PC033 | Firewall Condition, no cracks. | | PC039 | Oil system No leaks. | |
| PC034 | Engine and accessories General condition, cleanliness, leak-tightness, attachment, pipes, electrical harness. | | PC040 | Engine mounts Condition, attachment. | |
| PC035 | Engine transmission deck Condition, cleanliness, no leaks. | | PC041 | Engine deck drain holes No obstructions or debris. | |
| PC036 | Engine casing Attachment flange condition. | | PC042 | Exhaust pipe Condition, blanking cover removed or fitted, as necessary. | |
| PC037 | Oil filter Clogging indicator retracted. | | | | |
| STATION 3 | | | | | |
| PC043 | Tail boom Condition, condition of antennas. | | PC048 | TRH fairing Condition, damage or cracks, no rotations (paint marks). | |
| PC044 | Drive shaft fairings Attachment, condition of heat shield. | | PC049 | Tail rotor duct Condition, check distance between blade tips and duct. | |

| ITEM CODE NO. | TASK | INITIAL | | ITEM CODE NO. | TASK | INITIAL |
|--|--|---------|--|---------------|---|---------|
| PC045 | Tail boom door Opening, attachment, bay condition, closed. | | | PC050 | Tail rotor blades, visible part Condition, no impact, damage, scratches, erosion. Check play. | |
| PC046 | Horizontal stabilizer, fin Condition, attachment points, condition of external lights and fin antennas. | | | PC051 | Freewheel Make the freewheel turn by turning the tail rotor. The free turbine must be driven when the tail rotor is turned anti-clockwise. In the clockwise direction, the freeturbine does not drive. | |
| PC047 | Keel, tail guard Condition, attachment. | | | | | |
| STATION 4 | | | | | | |
| PC052 | TGB Condition, attachment, oil level. | | | PC055 | Horizontal stabilizer, fin Condition, attachment points, external light condition. | |
| PC053 | Guide vanes, duct Condition. | | | PC056 | Tail boom Condition, condition of antennas. | |
| PC054 | Tail rotor pitch change control rod Condition, attachment, no radial play in end- fitting. | | | PC057 | Drive shaft fairings Attachment, condition of heat shield. | |
| STATION 5 | | | | | | |
| PF058 | NACA air inlet No obstructions (clean if necessary). | | | | | |
| STATION 5 – ENGINE AND ENGINE BAY | | | | | | |
| PC059 | Engine air intake Attachment: condition, condition of seals. Blanking cover removed or fitted, as necessary. | | | PC065 | Engine magnetic plugs - No chips on aft or forward plugs (without electrical indication). | |
| PC060 | Firewall Condition, no cracks. | | | PC066 | Engine mounts Condition, attachment. | |
| PC061 | Engine and accessories General condition, cleanliness, leak-tightness, attachment, pipes, electrical harnesses. | | | PC067 | Engine deck drain holes No obstructions or foreign bodies. | |
| PC062 | Engine transmission deck Condition, cleanliness, no leaks. | | | PC068 | Engine cowling Closed and locked. | |
| PC063 | Engine casing Attachment flange condition. | | | PC069 | Nozzle Blanking cover installed or removed as necessary. | |
| PC064 | Oil system No leaks. | | | | | |
| STATION 5 – MAIN ROTOR SHAFT | | | | | | |

| ITEM CODE NO. | TASK | INITIAL | ITEM CODE NO. | TASK | INITIAL |
|------------------|---|---------|------------------|---|---------|
| PC070 | Swashplate bearing No grease runs, no change in paint color or paint flaking. | | PC078 | Visible part of the Starflex Star (1) arm (2): • no delamination, condition of the paint. If in doubt or damage is found (AMM 62-21-00,6-1). • Bushings (3) at the end of the arms of the STARFLEX (1) No gap between adhesive bead and bushing. If in doubt or damage is found (AMM 62-21-00,6-1). | |
| PC071 | Scissors, swashplates, rod swivel bearings Condition, attachment, abnormal play (manual check). | | PC079 | Spherical thrust bearings No elastomer damage, delamination, splits, blisters, extrusions or cracks (other than minor and unchanging surface irregularities), elastomer protuberance at the laminated area/small reinforcing structure interface. | |
| PC072 | Swashplate/pitch change rod end-fitting – interfaces No impact mark or paint flaking on swashplate attachment yokes. | | PC080 | Frequency adapters (PRE MOD 076232) If in doubt or damage is found (AMM 62-21-00,6-4). No elastomer damage, delamination, splits, blisters, extrusions or cracks (other than minor and unchanging surface irregularities). If in doubt or damage is found (AMM 62-21-00,6-7). | |
| PC073 | Pitch change rods Condition, no radial play in end-fittings. | | PC081 | Ventilated frequency adapters (POST MOD 076232) No elastomer damage, delamination, splits, blisters, extrusions or cracks (other than minor and unchanging surface irregularities). If in doubt or damage is found (AMM 62-21-00,6-7). Check that ventilation holes are not obstructed (on both sides). On adapters fitted with drilled bush 365A31-1018-21 or 22, ensure lockwire is in place in holes on trailing edge side. | |

| ITEM CODE NO. | TASK | INITIAL | | ITEM CODE NO. | TASK | INITIAL |
|---|---|---------|--|------------------|---|---------|
| PC074 | Rotor shaft, all visible parts particularly under the – hub Paint condition, no cracks, scratches, blistering, corrosion nor tool marks. | | | PC082 | Self-lubricating ball joints No debris or play. - | |
| PC075 | 1/4 turn non-electrical magnetic plug of flared housing. Remove 1/4 turn plug, if there are metal particles, apply (AMM 05-50-00,6-1), if there are no metal particles, do a second check, if there are metal particles, apply (AMM 05-50-00,6-1), if there are no metal particles, install the 1/4 turn plug. | | | PC083 | Anti-vibrator Attachment. | |
|  | | | | | | |
| PC076 | MAIN ROTOR HEAD Attachment, general condition. | | | PC084 | MAIN ROTOR BLADES Attachment, general condition of the skin (lower surface, upper surface and trailing edge), trim tabs and polyurethane protective strips. Visually check for no delamination, scratches, cracks, impacts or distortions. No erosion holes on leading edge, no gaps or impacts. Condition of the electrical bonding braid. If in doubt or if a defect is found (AMM 62-11-00,6-1). | |
| PC077 | STARFLEX Star (1): no delamination (splinters). | | | PC085 | Right cargo door Opening, condition, attachment points, no abnormal play. | |

| ITEM CODE NO. | TASK | INITIAL | | ITEM CODE NO. | TASK | INITIAL |
|-------------------------------------|--|---------|--|------------------|---|---------|
| STATION 5 – MAINTENANCE AREA | | | | | | |
| PC086 | Fuses All fuses set. | | | PC096 | Engine oil tank Oil level, pipes condition, no leaks. | |
| PC087 | Right cargo door Closed and locked. | | | PC097 | Electrical harnesses Condition, attachment. | |
| PC088 | GPU receptacle, access flap Closed or GPU connected, as applicable. | | | PC098 | Gimbal ring assembly Fitting, safety pins in place and locked. | |
| PC089 | RH MGB cowling Opening, condition of locking systems, no abnormal play. | | | PC099 | RH side MGB cowling Closed and locked. | |
| PC090 | Transmission deck Cleanliness. | | | PC100 | Landing gear Condition of crosstubes, skids, wear resistant plates, footstep attachment. | |
| PC091 | MGB support bars Condition, attachment, swivelling. | | | PC101 | All lower central fairings Closed and locked. | |
| PC092 | Oil cooler, fan and pipes Condition, no leaks, fan attachment, fan blade condition. | | | PC102 | RH cabin access doors Condition, attachment, locking, no abnormal play. | |
| PC093 | Servos Attachment, no leaks or cracks. | | | PC103 | Front door jettison system Condition, no cracks (especially at the link). | |
| PC094 | Hydraulic system (RH side) Attachment, pipes condition, no leaks, filter clogging indicator retracted. | | | PC104 | Subdoor Condition, attachment. | |
| PC095 | Hydraulic system reservoirs Levels, no leaks. | | | | | |
| STATION 5 – CABIN INTERIOR | | | | | | |
| PC105 | Cabin General cleanliness. | | | PC110 | Fire extinguisher Attached - Checked. | |
| PC106 | Seats Condition, attachment points. | | | PC111 | Fuses All set. | |
| PC107 | Belts/harnesses General condition, no wear, visible damage to the strap and reel in good working order. | | | PC112 | Battery switch ON, check battery voltage. | |

| ITEM CODE NO. | TASK | INITIAL | ITEM CODE NO. | TASK | INITIAL |
|---|---|---------|------------------|--|---------|
| PC108 | Belt attachments General condition, wear, loosening and locking. | | PC113 | VEMD Check flights of the day reports: (MAINT mode, FLIGHT REPORT page) VEMD flight times, Ng and Nf cycles: check written in white characters and above 0, Check advisory messages FAILURE or OVERLIMIT DETECTED, Record flights of the day data in aircraft and engine log-books. | |
| PC109 | Door jettison system Checked - Plastic guard in place. | | | PC114 Battery switch OFF. | |
| OPTIONAL EQUIPMENT – ENGINE SAND FILTER | | | | | |
| PC1115 | With the engine cowling closed, check the following: - the condition of the filter support cowling, - the external condition of the filter, - the condition and cleanliness of the separator tubes, - the condition of the ejector nozzles. | | PC116 | Open the engine cowling and check the following: - the condition of the particle separator unit, - the condition and cleanliness of the separator tubes, - the condition of the elbow union, - the condition of the pipes, - the condition of the air manifold, - the tightness of the air intake, - the internal cleanliness of the air manifold, - the condition and attachment of the electro-valve with hoses and P2 supply union. | |
| | | | | PC117 Close the engine cowling. | |
| OPTIONAL EQUIPMENT – AIR CONDITIONING | | | | | |
| PC118 | Open the MGB left cowling. | | PC120 | If a leak is detected at the MGB intake: replace the MGB intake seal (AMM 63-21-00,8-1). | |
| PC119 | Check the condition of the air conditioning compressor drive belt (AMM 21-51-02,6-2) if an oil leak is detected at the MGB. | | | PC121 Close the MGB left cowling. | |
| OPTIONAL EQUIPMENT – INSTALLATION OF WINDSHIELD WIPERS | | | | | |



MAINTENANCE PROGRAM

AIRBUS HELICOPTERS EC 130 T2

Appendix A003 – P Check

| ITEM CODE NO. | TASK | INITIAL | ITEM CODE NO. | TASK | INITIAL |
|------------------------------|--|---------|---------------|--|---------|
| PC122 | Check the condition of the installation (no corrosion, impacts..). | | PC124 | Check the condition of the wiper and in particular, the good condition of the scraper. | |
| PC123 | Check the condition of attachments. | | | | |
| *** End of P Check Items *** | | | | | |

RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : _____ Place/Date : _____

Sign & Stamp : _____



MAINTENANCE PROGRAM AIRBUS HELICOPTERS EC 130 T2

Appendix B001 – 10FH // 7D

Reg. Mark : PK - Date : _____
MSN : _____ Station : _____
TSN / CSN : _____ WO No. : _____

| ITEM CODE NO. | CHAPTER | TASK | SIGNATURE | |
|--|---------|--|--------------------------|---------------------|
| | | | ENGINEER SIGN & STAMP | RII SIGN & STAMP |
| 05/21/00 /000/000 /020 | 05-21 | P-check VC AMM 05-40-00, 6-7 | | |
| 05/21/00 /000/000 /030 | 05-21 | P-check - Optional equipments Note: Maintenance operations can be carried out by an aircrew member. VC AMM 05-40-00, 6-8 | | |
| 53/00/00 /000/000 /050 | 53-00 | Structure Salt-laden atmosphere Rinsing and Drying. CLN AMM 12-20-00, 3-3 | | |
| *** End of 10FH // 7D Inspection Items *** | | | | |

| PERSONNEL PRTICIPATING IN THIS INSPECTION | | | |
|---|----------|-----------|----------------|
| NAME | POSITION | SIGNATURE | LICENSE NUMBER |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : _____ Place/Date : _____
Sign & Stamp : _____



MAINTENANCE PROGRAM AIRBUS HELICOPTERS EC 130 T2

Appendix F001 – ALS Inspection 10 Hours

| | | | | | |
|-----------|---|----------|---------|---|--|
| Reg. Mark | : | PK - SNX | Date | : | |
| MSN | : | 8829 | Station | : | |
| TSN / CSN | : | | WO No. | : | |

| ITEM CODE NO. | CHAPTER | TASK | SIGNATURE | |
|------------------------------------|---------|--|--------------------------|---------------------|
| | | | ENGINEER SIGN & STAMP | RII SIGN & STAMP |
| 62/21/00 /000/000 /145 | 62-21 | Spherical bearing 57910700 (704A33633211) LB4-1231-1 (704A33633208) Check of the elastomer part. GVI AMM05-40-00,6-7 | | |
| 62/21/00 /000/000 /185 | 62-21 | Frequency adapter 365A31-1019-25 (-) E-4165F01 (704A33640088) E-4165F11 (704A33640100) Check of the elastomer part. Must not be mixed together. GVI AMM05-40-00,6-7 | | |
| *** End of Appendix F001 Items *** | | | | |

| PERSONNEL PRTICIPATING IN THIS INSPECTION | | | |
|---|----------|-----------|----------------|
| NAME | POSITION | SIGNATURE | LICENSE NUMBER |
| | | | |
| | | | |
| | | | |
| | | | |

RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : _____ Place/Date : _____

Sign & Stamp : _____



Aircraft Registration: **PK-SNX**

WO# Nr: **WO/092-PK-SNX/X/2023**

Additional Work Sheet

10 FH Inspection And EI-011

Parts Used Sheet

Special Tool Used



Aircraft Registration: **PK-SNX**

WO# Nr: **WO/092-PK-SNX/X/2023**

Additional Work Sheet

10 FH Inspection And EI-011

Parts Used Sheet

Part Used