



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

| | | |
|--------------------------------|-------------|-------------------------|
| Subject : | No. | WO/072-PK-SNX/VIII/2023 |
| Perform 10 FH / 10FH-7D | Date | 12-Aug-2023 |
| | A/C Reg. | PK-SNX EC130T2-8829 |
| Reference : | Prepared By | TS |
| MP EC 130 T2 Rev. 2 | Checked By | CI |
| | Approved By | TM |

To : Engineer In Charge

Description :

1. Perform 10 FH And 10 FH/7D 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 :

| | | |
|----------------------|--|--------------------------------------|
| 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 |
|----------------|----------------------|---------------------|----------------------|
| 12-AUGUST-2023 | WO/072-SNX/VIII/2023 | Inspection 10FH | |

| 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 | - | |
| 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) | 1 | |

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



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

WO Ref: **WO/072-PK-SNX/VIII/2023**

| NO. | TASK CARD NO. | DESCRIPTION | DATE | EST MHR | NAME | STAMP |
|-----|---------------|--------------|------|---------|------|-------|
| 1 | Appendix B001 | 10FH // 7D | | | | |
| 2 | Appendix F001 | 10FH EC130T2 | | | | |



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 | | | | |
| DUE AT | : 840 HOURS | | | | |
| REF | : 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 : | | | | | |



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

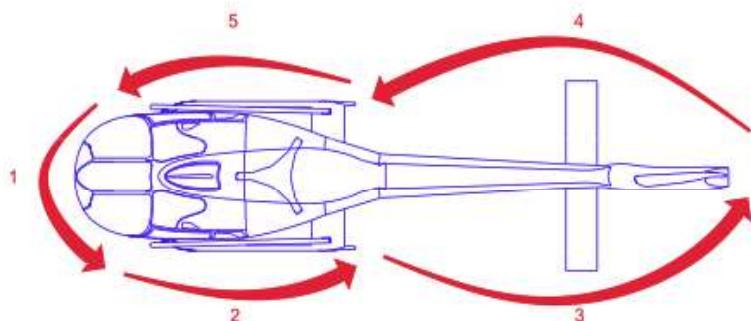
The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

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

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 : _____



Aircraft Registration: **PK-SNX**

WO# Nr: **WO/072-PK-SNX/VIII/2023**

Additional Work Sheet

10 FH Inspection

Parts Used Sheet

Special Tool Used



Aircraft Registration: **PK-SNX**

WO# Nr: **WO/072-PK-SNX/VIII/2023**

Additional Work Sheet

10 FH Inspection

Parts Used Sheet

Part Used



Aircraft Registration: **PK-SNX**

WO# Nr: **WO/072-PK-SNX/VIII/2023**

Additional Work Sheet

10 FH Inspection

Parts Used Sheet

Part Used