

## **DOCUMENT REVISION AMENDMENT FORM**

| DOCU<br>TITLE |   |  | ÀMME URM/CAM     | 0/AMP/EC155B1 ISSUE 1 REV  | AMENDME<br>REV. & DA   |  | EVISION 2, 25  | JULY 2023                  |  |  |
|---------------|---|--|------------------|--|--|--|----------------|----------------------------|--|--|
| ITEM          |   | AMENDA   | MENT DESCRI      | PTION  |  | REA  | SON            |                            |  |  |
| 1             |   | oter 12.0 Page 10 of 12<br>nd reference Table K item K | 1 and K2         |  |  | ends from EMM 05-00-200<br>rriel 2C2 Update No. 49 | -801-A01 to EM | M 05-50-00-200-801-A01     |  |  |
| 2             | Chap<br>Repl  | oter 12.0 Page 11 of 12<br>acement of terms from Heav  | y landing to Har | d landing  | To update the term as per new revision EMM Arriel 2C2 Update No.49             |  |                |                            |  |  |
| 3             | Chapter 14.0 Page 1 of 2  Amend maximum service life for engine component in service limits and us limited parts. |  |                  |  | Amend the maximum service life for all item as per EMM Arriel 2C2 Update No.49 |  |                |                            |  |  |
| 4             | Chanter 15 0 Page 1 of 1  |  |                  |  | Amend the time between overhaul interval as per EMM Arriel 2C2 Update No.49    |  |                |                            |  |  |
| Prepare       | ed by:  |  | Verified by:     | The state of the s | Approved By  |  | Accepted By    |                            |  |  |
|               | M   | San  | C                | Zilo .   |  | Sup.   | 4              |                            |  |  |
| Name          |   | MUHAMMAD IHSAN<br>BIN MASRI                            | Name             | ZATY NADHIRA BT<br>MOHAMED ZUHARI  | Name   | OMAR BIN AHMAD                                     | Name //        | MANPREET SINGH             |  |  |
| Designa       | ation   | TECHNICAL<br>SERVICES                                  | Designation      | CONTINUING AIRWORTHINESS MANAGEMENT MANAGER  | Designation  | QUALITY<br>ASSURANCE<br>MANAGER                    | Designation    | OPERATOR                   |  |  |
| Date          |   | 25 <sup>th</sup> JULY 2023                             | Date             | 25 <sup>th</sup> JULY 2023   | Date   | 25 <sup>th</sup> JULY 2023                         | Date           | 25 <sup>th</sup> JULY 2023 |  |  |

| DOCUMENT TITLE: | AIRCRAFT MAINTENANCE PROGRAMME |           |          | AIRCRAFT TYPE:  | E: AIRBUS HELICOPTERS EC155B1 |        |   |           |   |  |  |
|-----------------|--------------------------------|-----------|----------|-----------------|-------------------------------|--------|---|-----------|---|--|--|
| PAGE TITLE:     | RECORD OF TEN                  | MPORARY R | REVISION | REFERENCE:      | URM/CAMO/AMP/EC155B1          | ISSUE: | 1 | REVISION: | 0 |  |  |
| CHAPTER:        | 6.0 <b>PAGE</b> : 1 of 1       |           | DATE:    | 6 DECEMBER 2022 |                               |        |   |           |   |  |  |

#### RECORD OF TEMPORARY REVISION

| TR NO | CHAPTER AND PAGE NO  | ISSUE DATE |            | NSERTED | RE   | MOVED | DEMARKS |
|-------|--|------------|------------|---------|------|-------|---------|
|       | OTHER PERCENCE   | 1000L DATE | DATE       | NAME    | DATE | NAME  | REMARKS |
| 1     | <ol> <li>Chapter 12.0 Page 2 of 12</li> <li>Chapter 12.0 Page 9 of 12</li> <li>Chapter 12.0 Page 10 of 12</li> <li>Chapter 18.0 Page 2 of 2</li> <li>Chapter 20.0 Page 16 of 16</li> </ol> |            | 16.02.2023 | IHSAN   |      | N2    |         |
| 2     | <ol> <li>Chapter 12.0 Page 10 of 12</li> <li>Chapter 12.0 Page 11 of 12</li> <li>Chapter 14.0 Page 1 of 2</li> <li>Chapter 15.0 Page 1 of 1</li> </ol>                                     | 25.07.2023 | 25.07.2023 | IHSAN   | 1/5/ | ) .   |         |
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| DOCUMENT TITLE: | AIRCRAFT MAIN               | AIRCRAFT MAINTENANCE PROGRAMME        |  |       | AIRBUS HELICOPTERS EC155B1                |  |  |  |  |  |
|-----------------|-----------------------------|---------------------------------------|--|-------|---|--|--|--|--|--|
| PAGE TITLE:     | SCHEDULED MA                | SCHEDULED MAINTENANCE CHECK AND CYCLE |  |       | :: URM/CAMO/AMP/EC155B1 ISSUE: 1 REVISION |  |  |  |  |  |
| CHAPTER:        | 12.0 <b>PAGE</b> : 10 of 12 |                                       |  | DATE: | 6 DECEMBER 2022                           |  |  |  |  |  |

| NO. | INSPECTION DESCRIPTION              | REFERENCE    | ITEM | INTERVAL/FREQUENCIES                           | REMARKS |
|-----|-------------------------------------|--------------|------|--|---------|
| J   | ENGINE CLEANING (CORROSIVE OR SALTY | ATMOSPHERE)  |      |  |         |
| J1  | Rinsing                             | EMM 71-01-00 | AA   | Daily after last flight of the day             | Note 1  |
| J2  | Chemical Cleaning                   | EMM 71-01-00 | AA   | Every 100 FH interval                          | . 0     |
| J3  | External Protection                 | EMM 71-01-00 | AA   | Weekly or Every 50 FH whichever occurred first | NL.     |

| NO. | INSPECTION DESCRIPTION   | REFERENCE                | ITEM | INTERVAL/FREQUENCIES   | REMARKS |
|-----|--|--------------------------|------|--|---------|
| K   | ENGINE CONDITIONAL / UNSCHEDULE INSP   | ECTIONS                  |      |  |         |
| K1  | Calculate and record in section E of the engine log book the accumulated time 2 min. OEI performed during the day, the accumulated time 2 min, OEI performed since the engine was new, the accumulated time 2 min, OEI performed since last availability state.    | EMM 05-50-00-200-801-A01 | AA   | After operating at 2 min. OEI rating                                       | -       |
| K2  | Remove and send to repair center the module 03, the module 04 and the Engine Electronic Control Unit   | EMM 05-50-00-200-801-A01 | AA   | As soon as the accumulated value of 2 min. OEI rating is more than 10 min. | -       |
| K3  | Calculate and record in section E of the engine log book the accumulated time 30 sec. OEI performed during the day, the accumulated time 30 sec, OEI performed since the engine was new, the accumulated time 30 sec, OEI performed since last availability state. | EMM 05-50-00-200-801-A01 | АА   | After operating at 30 sec. OEI rating                                      | -       |
| K4  | Remove and send to repair center the module 03, the module 04 and the Engine Electronic Control Unit   | EMM 05-50-00-200-801-A01 | АА   | As soon as the accumulated value of 30 sec. OEI rating is more than 15 sec | _       |
| K5  | Exceeding of T4.5 temperature.   | EMM 05-50-00-200-801-A01 | АА   | At start   | -       |

| DOCUMENT TITLE: | AIRCRAFT MAIN | AIRCRAFT MAINTENANCE PROGRAMME SCHEDULED MAINTENANCE CHECK AND CYCLE |                   |  | AIRBUS HELICOPTERS EC155B1             |        |          |           |     |
|-----------------|---------------|--|-------------------|--|--|--------|----------|-----------|-----|
| PAGE TITLE:     | SCHEDULED MA  | INTENANCI  | E CHECK AND CYCLE |  | URM/CAMO/AMP/EC155B1 ISSUE: 1 REVISION |        |          |           | I o |
| CHAPTER:        | 12.0          | PAGE:  | 11 of 12          |  | 6 DECEMBER 2022                        | ICCOL. | <u> </u> | REVISION. | 10  |

| NO. | INSPECTION DESCRIPTION  | DEFENSA.                 | Management of the Control of the Con |  |         |
|-----|---|--------------------------|--|--|---------|
|     |   | REFERENCE                | ITEM   | INTERVAL/FREQUENCIES   | REMARKS |
| K6  | Exceeding of T4.5 temperature.                                | EMM 05-50-00-200-801-A01 | AA   | During a flight  | -       |
| K7  | Exceeding of N2 speed.  | EMM 05-50-00-200-801-A01 | AA   | At each occurrence   |         |
| K8  | Exceeding of N1 speed.  | EMM 05-50-00-200-801-A01 | AA   | At each occurrence   | 17      |
| K9  | Exceeding of engine torque.                                   | EMM 05-50-00-200-801-A01 | AA   | At each occurrence   | N       |
| K10 | Exceeding the max. oil temperature.                           | EMM 05-50-00-200-801-A01 | AA   | At each occurrence   | -       |
| K11 | Low oil pressure.   | EMM 05-50-00-200-801-A01 | AA   | At each occurrence   | -       |
| K12 | Treatment of an engine after the operation of an extinguisher | EMM 05-50-00-200-801-A01 | AA   | After extinction of a fire or accidental release of an extinguisher on a hot turboshaft engine.                                  | -       |
| K13 | Treatment of an engine after the operation of an extinguisher | EMM 05-50-00-200-801-A01 | AA   | After accidental release of an extinguisher on a cold turboshaft engine without any extinguishing product entering the air path. | -       |
| K14 | Treatment of an engine after a foreign object damage.         | EMM 05-50-00-200-801-A01 | АА   | After ingestion of foreign bodies  | -       |
| K15 | Treatment of an engine after a lightning strike.              | EMM 05-50-00-200-801-A01 | AA   | After a lightning strike   | _       |
| K16 | Treatment of an engine after a hard landing.                  | EMM 05-50-00-200-801-A01 | АА   | After hard landing   | -       |
| K17 | Treatment of an engine after a surge.                         | EMM 05-50-00-200-801-A01 | АА   | After surge  | -       |
| K18 | Parameter instability - Oil pressure.                         | EMM 05-50-00-200-801-A01 | AA   | Abnormal evolution of the oil pressure   | -       |
| K19 | Treatment of an engine after a fire.                          | EMM 05-50-00-200-801-A01 | AA   | After a fire   |         |
| K20 | Treatment of an engine after a rotor damage.                  | EMM 05-50-00-200-801-A01 | AA   | After a rotor damage   | _       |

|                 |                                |                                |                   |                 | • ,                                       |  |  |   |  |  |
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| DOCUMENT TITLE: | AIRCRAFT MAIN                  | AIRCRAFT MAINTENANCE PROGRAMME |                   |                 | AIRBUS HELICOPTERS EC155B1                |  |  |   |  |  |
| PAGE TITLE:     | ENGINE COMPO<br>USE LIMITED PA | NENT IN-SE                     | ERVICE LIMITS AND |                 | : URM/CAMO/AMP/EC155B1 ISSUE: 1 REVISION: |  |  |   |  |  |
| CHAPTER:        | 14.0 <b>PAGE</b> : 1 of 2      |                                | DATE:             | 6 DECEMBER 2022 | MBER 2022                                 |  |  | 1 |  |  |

## ENGINE COMPONENT IN-SERVICE LIMITS AND USE LIMITED PARTS

| ITEM | TASK DESCRIPTION - IN-SERVICE LIMITS  |
|------|---|
| 1.   | Remove the applicable components from service in accordance within the time period, hours or cycle specified in the <b>Airworthiness Limitation</b> Chapter 05-10-01-200-801-A01 in EMM ARRIEL 2C2 Maintenance Manual of the latest revision. |

| No. | PART NUMBER | DESCRIPTION                     | MAXIMUM SERVICE LIFE |
|-----|-------------|---------------------------------|----------------------|
| 1   | 0292260110  | CENTRIFUGAL COMPRESSOR IMPELLER |                      |
| 2   | 2292260060  | HP TURBINE DISK                 | 22000 cycles         |
| 3   | 2292260750  | INJECTION WHEEL                 | 17000 cycles         |
| 4   | 2292810790  | POWER TURBINE DISK              | 10000 cycles         |
|     |             | TOWER TORBINE DISK              | 22000 cycles         |
|     | TEM         | PORAL 20:23<br>25.07.20:23      |                      |

| DOCUMENT TITLE: | AIRCRAFT MAIN | RCRAFT MAINTENANCE PROGRAMME   |  |            | E: AIRBUS HELICOPTERS EC155B1 |        |   |  |   |  |  |
|-----------------|---------------|--------------------------------|--|------------|-------------------------------|--------|---|--|---|--|--|
| PAGE TITLE:     | TIME BETWEEN  | ME BETWEEN OVERHAUL - AIRFRAME |  | REFERENCE: | URM/CAMO/AMP/EC155B1          | ISSUE: | 1 | REVISION:  | 0 |  |  |
| CHAPTER:        | 15.0          | 5.0 <b>PAGE:</b> 1 of 1        |  | DATE:      | 6 DECEMBER 2022               |        |   | Territoria de la constitución de |   |  |  |

### **TIME BETWEEN OVERHAUL - AIRFRAME**

| ITEM | TASK DESCRIPTION   |
|------|--|
| 1.   | Remove the applicable components in accordance within the time period, hour, cycle or landing and within the interval tolerance margin permitted specified as <b>Time Between Overhaul (TBO)</b> in MSM Chapter 05-10-00 of the latest revision. |

| No. | PART NUMBER    | DESCRIPTION                               | TIME BETWEEN OVERHAUL    |
|-----|----------------|---|--------------------------|
| 1   | P99C16-612     | CARTRIDGE PUMP                            | 2000 Hours               |
| 2   | C24999010-1    | DOUBLE HYDRAULIC PUMP                     | 3600 Hours               |
| 3   | 365A32-9001-00 | MGB                                       | 1800 Hours or 288 Months |
| 4   | 365A33-6005-09 | TAIL GEAR BOX                             | 2400 Hours or 288 Months |
| 5   | SC7291         | TAIL ROTOR SERVOCONTROLS [704A44-8311-53] | 3000 Hours or 240 Months |
| 6   | SC8037-1       | MAIN ROTOR SERVOCONTROLS [704A44-8311-55] | 3000 Hours or 240 Months |
| 7   | VCT1518D       | ENGINE BAY FAN [704A43691028]             | 1200 Hours               |
| 8   | 524-031        | STARTER GENERATOR STARTER GENERATOR       | 1200 Hours or 60 Months  |