

Määritelmät:

|                       |   |
|-----------------------|---|
| OJT:                  | Työpaikkakoulutus haettuun ilma-alustyyppikelpuutukseen.  |
| Practical experience: | Käytännön kokemus huoltotoista haettuun ilma-alustyyppikelpuutukseen.                           |
| ATA:                  | ATA järjestelmän mukainen numero, johon suoritettu työtehtävä sisältyy                          |
| Task description:     | Suoritettujen työtehtävien kuvaus   |
| Relevant tasks*:      | Kyseiseen konetyyppiin liittyvien soveliaiden tehtävien lukumäärä kyseisessä ATA ryhmässä       |
| Relevant*:            | Kyseinen tehtävä on/ei ole sovelias haetun tyyppimerkinnän ja lupakirjaluokan/alaryhmän suhteen |
| Manual reference*:    | Viittaus kyseiseen tehtävään liittyvään huoltokorttiin tms.                                     |
| Replaces task #:      | Korvattavan tehtävän numero   |
| Applicable for:       | Kertoo onko kyseinen ATA ryhmä sovelias kaikille ilma-aluksille vai vain esim. helikoptereille  |
| Date:                 | Tehtävän suoritusajankohta (päivä.kuukausi.vuosi)   |
| A/C reg.:             | Ilma-aluksen tunnus (esim. OH-ABC)  |
| Tasks performed:      | Suoritettujen tehtävien lukumäärä kyseisessä ATA ryhmässä                                       |
| Trainee:              | Työpaikkakoulutettavan nimikirjoitus/leima  |
| Supervisor:           | Tehtävän valvojan nimikirjoitus ja lupakirjan numero/leima                                      |

Tähti (\*) merkitsee, että nimetty arvioija (Assessor) täyttää kyseiset sarakkeet työpaikkakoulutuksen (OJT) tai käytännön kokemuksen (practical experience) suunnitteluvaiheessa. Suoritettavia tehtäviä valittaessa on huomioitava tehtävän soveliaisuus kyseiseen konetyyppiin ja haettuun lupakirjaluokkaan. Lisäksi suunnitelmassa on otettava huomioon tehtävien monipuolisuus, vaatavuus, toistuvuus, turvallisuusvaikutukset ja kyseisen ilma-alustyyppin mahdolliset uudet ominaisuudet. Suunnitelman tyhjille riveille voidaan myös lisätä korvaavia, ko. ilma-alustyyppiin paremmin soveltuvia tehtäviä.

Suunnitellusta sisällöstä on tyyppimerkinnän hakijan suoritettava vähintään 50 %. Enintään puolet tästä voi suorittaa ennen tyyppikurssin teoriaosuuden alkua, jos kyseessä on työpaikkakoulutus (OJT). Käytännön kokemuksen voi hankkia kokonaisuudessaan ennen tyyppikoetta. Jokaisesta soveliaasta ATA ryhmästä on suoritettava vähintään 1 tehtävä. Alempaan ilma-alusryhmään (Group 2 tai 3) kuuluvan ilma-aluksen tyyppikelpuutuksen voi suorittaa myös täyttämällä ylemmän ilma-alusryhmän (Group 1 tai 2) vaatimukset.

Tyyppikurssi ja siihen liittyvä työpaikkakoulutus tai tyyppikoe ja siihen liittyvä käytännön kokemus on suoritettava kokonaisuudessaan 3 vuoden sisään lupakirjahakemuksesta. Työpaikkakoulutuksen päätyttyä nimetty arvioija täyttää viimeisen sivun vaatimustenmukaisuusraportin ja loppuarvioinnin. Hakemuslomake EASA Form 19 liitteeseen toimitetaan Liikenne- ja viestintäviraston kirjaamoon. Lisätietoja lupakirjat@traficom.fi.

Tässä lokikirjassa on 71 sivua. Sivujen poistaminen ei ole sallittua.

| Applicant and training details  |   |
|---|---|
| Trainee name and signature:   |   |
| Social security no./Date of birth:                                    |   |
| Part-66 licence number:   |   |
| Approved maintenance organisation name and location:                  |   |
| Aircraft type rating and group:                                       | Group <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3  |
| Licence (sub)category:  | <input type="checkbox"/> B1.1 <input type="checkbox"/> B1.2 <input type="checkbox"/> B1.3 <input type="checkbox"/> B1.4 <input type="checkbox"/> B2 <input type="checkbox"/> B3 |
| Start date of theoretical type training/<br>Date of type examination: | _____ . _____ . 20_____   |
| Plan approved by the CAA:   | _____ . _____ . 20_____   |
| Start date:   | _____ . _____ . 20_____   |
| End date:   | _____ . _____ . 20_____   |

This logbook is used for demonstration of

- OJT according to 66.A.45(c): 1st Group 1 type rating in licence (sub)category
- Practical experience according to 66.A.45(d): Group 2 type rating with type examination and practical experience
- Practical experience according to 66.A.45(f): Full Group 3 rating with practical experience
- Practical experience according to 66.A.45(g): B3 "piston-engine non-pressurised aeroplanes of 2000 kg MTOM and below" -rating with practical experience

| ATA |                                | Page No. | No. of relevant tasks (total) | No. of tasks performed |
|-----|--------------------------------|----------|-------------------------------|------------------------|
| 05  | Time limits/Maintenance checks | 6        | (8)                           |                        |
| 06  | Dimensions/Areas               | 7        | (2)                           |                        |
| 07  | Lifting and Shoring            | 8        | (3)                           |                        |
| 08  | Levelling/Weighing             | 9        | (4)                           |                        |
| 09  | Towing and Taxiing             | 10       | (3)                           |                        |
| 10  | Parking and Mooring            | 11       | (4)                           |                        |
| 11  | Placards and Markings          | 12       | (2)                           |                        |
| 12  | Servicing                      | 13       | (12)                          |                        |
| 18  | Vibration and Noise Analysis   | 14       | (3)                           |                        |
| 21  | Air Conditioning               | 15       | (15)                          |                        |
| 22  | Auto flight                    | 17       | (15)                          |                        |
| 23  | Communications                 | 19       | (11)                          |                        |
| 24  | Electrical Power               | 20       | (15)                          |                        |
| 25  | Equipment/Furnishings          | 22       | (14)                          |                        |
| 26  | Fire protection                | 24       | (9)                           |                        |
| 27  | Flight Controls                | 25       | (25)                          |                        |
| 28  | Fuel                           | 27       | (18)                          |                        |
| 29  | Hydraulics                     | 29       | (13)                          |                        |
| 30  | Ice and rain protection        | 31       | (13)                          |                        |
| 31  | Indicating/recording systems   | 32       | (12)                          |                        |
| 32  | Landing Gear                   | 33       | (28)                          |                        |
| 33  | Lights                         | 36       | (9)                           |                        |
| 34  | Navigation                     | 37       | (26)                          |                        |
| 35  | Oxygen                         | 39       | (7)                           |                        |
| 36  | Pneumatic systems              | 40       | (8)                           |                        |
| 37  | Vacuum systems                 | 41       | (5)                           |                        |
| 38  | Water/Waste                    | 42       | (6)                           |                        |
| 45  | Central Maintenance System     | 43       | (4)                           |                        |

| ATA |                                | Page No. | No. of relevant tasks (total) | No. of tasks performed |
|-----|--------------------------------|----------|-------------------------------|------------------------|
| 51  | Structures                     | 44       | (8)                           |                        |
| 52  | Doors                          | 45       | (9)                           |                        |
| 56  | Windows                        | 46       | (4)                           |                        |
| 57  | Wings                          | 47       | (6)                           |                        |
| 61  | Propeller                      | 48       | (11)                          |                        |
| 62  | Main Rotors                    | 49       | (7)                           |                        |
| 63  | Rotor Drive                    | 50       | (7)                           |                        |
| 64  | Tail Rotors                    | 51       | (3)                           |                        |
| 65  | Tail Rotor Drive               | 52       | (9)                           |                        |
| 67  | Rotorcraft flight controls     | 53       | (9)                           |                        |
| 71  | Power Plant                    | 54       | (10)                          |                        |
| 72  | Piston Engines                 | 55       | (9)                           |                        |
| 72  | Turbine Engines                | 56       | (9)                           |                        |
| 73  | Fuel and control, piston       | 57       | (9)                           |                        |
| 73  | Fuel and control, turbine      | 58       | (9)                           |                        |
| 74  | Ignition systems, piston       | 59       | (9)                           |                        |
| 74  | Ignition systems, turbine      | 60       | (6)                           |                        |
| 76  | Engine Controls                | 61       | (9)                           |                        |
| 77  | Engine Indicating              | 62       | (5)                           |                        |
| 78  | Exhaust, piston                | 63       | (4)                           |                        |
| 78  | Exhaust, turbine               | 64       | (7)                           |                        |
| 79  | Oil                            | 65       | (9)                           |                        |
| 80  | Starting                       | 66       | (5)                           |                        |
| 81  | Turbines, piston engines       | 67       | (5)                           |                        |
| 82  | Engine water injection         | 68       | (5)                           |                        |
| 83  | Accessory gear boxes           | 69       | (3)                           |                        |
| 49  | APU - Airborne Auxiliary power | 70       | (4)                           |                        |
| Sum |                                |          | (484)                         |                        |

**Instructions for supervisors:**

Regarding the day-to-day supervision of the OJT programme in the approved maintenance organisation and the role of the supervisor(s), the following should be considered:

- It is sufficient that the completion of individual OJT tasks is confirmed by the direct supervisor(s), without requirement for direct evaluation by an assessor.
- During the day-to-day OJT performance, the supervision aims at overseeing the complete process, including task completion, use of manuals and procedures, observance of safety measures, warnings and recommendations and adequate behaviour in the maintenance environment.
- The supervisor(s) should personally observe the work being performed to ensure the safe completion and should be readily available for consultation, if needed during the OJT performance.
- The supervisor(s) should countersign the tasks and release the maintenance tasks as the trainee is still not qualified to do so.
- The supervisor(s) should therefore:
  - ✓ have certifying staff or support staff privileges relevant to the OJT tasks;
  - ✓ be competent for the selected tasks;
  - ✓ be safety-orientated;
  - ✓ be capable to coach (setting objectives, giving training, performing supervision, evaluating, handling trainee's reactions and cultural issues, managing debriefing sessions objectively and positively, determining the need for extra training or reorientating the training, reporting, etc.);
  - ✓ be designated by the approved maintenance organisation to carry out the supervision.

**Filling my personal information in the list below, I hereby declare that I have read and understood my responsibilities concerning this OJT:**

| Supervisor name | Part-66 licence no. | Type rating/Category | CRS privileges | Signature/stamp |
|-----------------|---------------------|----------------------|----------------|-----------------|
|                 |                     |                      |                |                 |
|                 |                     |                      |                |                 |
|                 |                     |                      |                |                 |
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## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>05 | Time limits<br>Maintenance checks                             | Relevant tasks:* |   | (total<br>number of) | Applicable for:<br>All A/C |          | Tasks performed: | (total number of) |
|------------|---|------------------|---|----------------------|----------------------------|----------|------------------|-------------------|
| #          | Task description  | Relevant*        | Manual reference*                       | Replaces<br>task #*  | Date                       | A/C reg. | Trainee          | Supervisor        |
| 1          | 100 hour check (general aviation aircraft).                   | (yes/no)         | (job card/work sheet/<br>tech log etc.) |                      |                            |          |                  |                   |
| 2          | "B" or "C" check (transport category aircraft).               |                  |   |                      |                            |          |                  |                   |
| 3          | Assist carrying out a scheduled maintenance check i.a.w. AMM. |                  |   |                      |                            |          |                  |                   |
| 4          | Review aircraft maintenance log for correct completion.       |                  |   |                      |                            |          |                  |                   |
| 5          | Review records for compliance with Airworthiness Directives.  |                  |   |                      |                            |          |                  |                   |
| 6          | Review records for compliance with component life limits.     |                  |   |                      |                            |          |                  |                   |
| 7          | Procedure for inspection following heavy landing.             |                  |   |                      |                            |          |                  |                   |
| 8          | Procedure for inspection following lightning strike.          |                  |   |                      |                            |          |                  |                   |
| (9)        |   |                  |   | (task # here)        |                            |          |                  |                   |
|            |   |                  |   |                      |                            |          |                  |                   |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>06 | Dimensions/Areas                            | Relevant tasks:* |                  |           | Applicable for:<br>All A/C |                     | Tasks performed: |          |         |
|------------|---|------------------|------------------|-----------|----------------------------|---------------------|------------------|----------|---------|
|            |   | #                | Task description | Relevant* | Manual reference*          | Replaces<br>task #* | Date             | A/C reg. | Trainee |
| 1          | Locate component(s) by zone/station number. |                  |                  |           |                            |                     |                  |          |         |
| 2          | Perform symmetry check.                     |                  |                  |           |                            |                     |                  |          |         |
|            |   |                  |                  |           |                            |                     |                  |          |         |
|            |   |                  |                  |           |                            |                     |                  |          |         |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>07 | Lifting and Shoring                             | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task description                                | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Assist in:<br>Jack aircraft nose or tail wheel. |                  |                   |                     |                            |          |                  |            |
| 2          | Assist in:<br>Jack complete aircraft.           |                  |                   |                     |                            |          |                  |            |
| 3          | Assist in:<br>Sling or trestle major component. |                  |                   |                     |                            |          |                  |            |
|            |   |                  |                   |                     |                            |          |                  |            |
|            |   |                  |                   |                     |                            |          |                  |            |



## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>08 | Levelling/Weighing                     | Relevant tasks:* |                  |           | Applicable for:<br>All A/C |                     | Tasks performed: |          |
|------------|--|------------------|------------------|-----------|----------------------------|---------------------|------------------|----------|
|            |  | #                | Task description | Relevant* | Manual reference*          | Replaces<br>task #* | Date             | A/C reg. |
| 1          | Level aircraft.                        |                  |                  |           |                            |                     |                  |          |
| 2          | Weigh aircraft.                        |                  |                  |           |                            |                     |                  |          |
| 3          | Prepare weight and balance amendment.  |                  |                  |           |                            |                     |                  |          |
| 4          | Check aircraft against equipment list. |                  |                  |           |                            |                     |                  |          |
|            |  |                  |                  |           |                            |                     |                  |          |
|            |  |                  |                  |           |                            |                     |                  |          |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>09 | Towing and Taxiing               | Relevant tasks:* |                  |           | Applicable for:<br>All A/C |                     | Tasks performed: |          |
|------------|----------------------------------|------------------|------------------|-----------|----------------------------|---------------------|------------------|----------|
|            |                                  | #                | Task description | Relevant* | Manual reference*          | Replaces<br>task #* | Date             | A/C reg. |
| 1          | Prepare for aircraft towing.     |                  |                  |           |                            |                     |                  |          |
| 2          | Tow aircraft.                    |                  |                  |           |                            |                     |                  |          |
| 3          | Be part of aircraft towing team. |                  |                  |           |                            |                     |                  |          |
|            |                                  |                  |                  |           |                            |                     |                  |          |
|            |                                  |                  |                  |           |                            |                     |                  |          |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>10 | Parking and Mooring                    | Relevant tasks:* |              |  | Applicable for:<br>All A/C |                   | Tasks performed:    |      |
|------------|--|------------------|--------------|--|----------------------------|-------------------|---------------------|------|
|            |  | #                | Task details |  | Relevant*                  | Manual reference* | Replaces<br>task #* | Date |
| 1          | Tie down aircraft.                     |                  |              |  |                            |                   |                     |      |
| 2          | Park, secure and cover aircraft.       |                  |              |  |                            |                   |                     |      |
| 3          | Position aircraft in maintenance dock. |                  |              |  |                            |                   |                     |      |
| 4          | Secure rotor blades.                   |                  |              |  |                            |                   |                     |      |
|            |  |                  |              |  |                            |                   |                     |      |
|            |  |                  |              |  |                            |                   |                     |      |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>11 | Placards and Markings                | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--------------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                         | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Check aircraft for correct placards. |                  |                   |                     |                            |          |                  |            |
| 2          | Check aircraft for correct markings. |                  |                   |                     |                            |          |                  |            |
|            |                                      |                  |                   |                     |                            |          |                  |            |
|            |                                      |                  |                   |                     |                            |          |                  |            |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>12 | Servicing                              | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |  | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Refuel aircraft.                       |                  |                   |                     |                            |          |                  |            |
| 2          | Defuel aircraft.                       |                  |                   |                     |                            |          |                  |            |
| 3          | Carry out tank to tank fuel transfer.  |                  |                   |                     |                            |          |                  |            |
| 4          | Check/adjust tire pressures.           |                  |                   |                     |                            |          |                  |            |
| 5          | Check/replenish oil level.             |                  |                   |                     |                            |          |                  |            |
| 6          | Check/replenish hydraulic fluid level. |                  |                   |                     |                            |          |                  |            |
| 7          | Check/replenish accumulator pressure.  |                  |                   |                     |                            |          |                  |            |
| 8          | Charge pneumatic system.               |                  |                   |                     |                            |          |                  |            |
| 9          | Grease aircraft.                       |                  |                   |                     |                            |          |                  |            |
| 10         | Connect ground power.                  |                  |                   |                     |                            |          |                  |            |
| 11         | Service toilet/potable water system.   |                  |                   |                     |                            |          |                  |            |
| 12         | Perform preflight/daily check.         |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>18 | Vibration and Noise Analysis          | Relevant tasks:* |              |           | Applicable for:<br>Helicopters |                  | Tasks performed: |          |
|------------|---------------------------------------|------------------|--------------|-----------|--------------------------------|------------------|------------------|----------|
|            |                                       | #                | Task details | Relevant* | Manual reference*              | Replaces task #* | Date             | A/C reg. |
| 1          | Analyse helicopter vibration problem. |                  |              |           |                                |                  |                  |          |
| 2          | Analyse noise spectrum.               |                  |              |           |                                |                  |                  |          |
| 3          | Analyse engine vibration.             |                  |              |           |                                |                  |                  |          |
|            |                                       |                  |              |           |                                |                  |                  |          |
|            |                                       |                  |              |           |                                |                  |                  |          |

| ATA:<br>21 | Air Conditioning                             | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                                 | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace combustion heater.                   |                  |                   |                     |                            |          |                  |            |
| 2          | Replace flow control valve.                  |                  |                   |                     |                            |          |                  |            |
| 3          | Replace outflow valve.                       |                  |                   |                     |                            |          |                  |            |
| 4          | Replace safety valve.                        |                  |                   |                     |                            |          |                  |            |
| 5          | Replace vapour cycle unit.                   |                  |                   |                     |                            |          |                  |            |
| 6          | Replace air cycle unit.                      |                  |                   |                     |                            |          |                  |            |
| 7          | Replace cabin blower.                        |                  |                   |                     |                            |          |                  |            |
| 8          | Replace heat exchanger.                      |                  |                   |                     |                            |          |                  |            |
| 9          | Replace pressurisation controller.           |                  |                   |                     |                            |          |                  |            |
| 10         | Clean outflow valves.                        |                  |                   |                     |                            |          |                  |            |
| 11         | Deactivate/reactivate cargo isolation valve. |                  |                   |                     |                            |          |                  |            |

| ATA:<br>21 | Air Conditioning                                       | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details   | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 12         | Deactivate/reactivate avionics ventilation components. |                  |                   |                     |                            |          |                  |            |
| 13         | Check operation of air conditioning/heating system.    |                  |                   |                     |                            |          |                  |            |
| 14         | Check operation of pressurisation system.              |                  |                   |                     |                            |          |                  |            |
| 15         | Troubleshoot faulty system.                            |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |



| ATA:<br>22 | Auto flight   | Relevant tasks:* |              |  | Applicable for:<br>All A/C |                   | Tasks performed:    |      |
|------------|---|------------------|--------------|--|----------------------------|-------------------|---------------------|------|
|            |   | #                | Task details |  | Relevant*                  | Manual reference* | Replaces<br>task #* | Date |
| 1          | Install servos.   |                  |              |  |                            |                   |                     |      |
| 2          | Rig bridle cables.  |                  |              |  |                            |                   |                     |      |
| 3          | Replace controller.   |                  |              |  |                            |                   |                     |      |
| 4          | Replace amplifier.  |                  |              |  |                            |                   |                     |      |
| 5          | Replacement of the auto flight system LRUs in case of fly-by-wire aircraft. |                  |              |  |                            |                   |                     |      |
| 6          | Check operation of auto-pilot.  |                  |              |  |                            |                   |                     |      |
| 7          | Check operation of auto-throttle/auto-thrust.                               |                  |              |  |                            |                   |                     |      |
| 8          | Check operation of yaw damper.  |                  |              |  |                            |                   |                     |      |
| 9          | Check and adjust servo clutch.  |                  |              |  |                            |                   |                     |      |
| 10         | Perform autopilot gain adjustments.   |                  |              |  |                            |                   |                     |      |
| 11         | Perform mach trim functional check.   |                  |              |  |                            |                   |                     |      |
| 12         | Troubleshoot faulty system.   |                  |              |  |                            |                   |                     |      |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>22 | Auto flight                          | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--------------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                         | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 13         | Check autoland system.               |                  |                   |                     |                            |          |                  |            |
| 14         | Check flight management systems.     |                  |                   |                     |                            |          |                  |            |
| 15         | Check stability augmentation system. |                  |                   |                     |                            |          |                  |            |
|            |                                      |                  |                   |                     |                            |          |                  |            |
|            |                                      |                  |                   |                     |                            |          |                  |            |

| ATA:<br>23 | Communications   | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |  | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace VHF com unit.                                  |                  |                   |                     |                            |          |                  |            |
| 2          | Replace HF com unit.                                   |                  |                   |                     |                            |          |                  |            |
| 3          | Replace existing antenna.                              |                  |                   |                     |                            |          |                  |            |
| 4          | Replace static discharge wicks.                        |                  |                   |                     |                            |          |                  |            |
| 5          | Check operation of radios.                             |                  |                   |                     |                            |          |                  |            |
| 6          | Perform antenna VSWR check.                            |                  |                   |                     |                            |          |                  |            |
| 7          | Perform Selcal operational check.                      |                  |                   |                     |                            |          |                  |            |
| 8          | Perform operational check of passenger address system. |                  |                   |                     |                            |          |                  |            |
| 9          | Functionally check audio integrating system.           |                  |                   |                     |                            |          |                  |            |
| 10         | Repair coaxial cable.                                  |                  |                   |                     |                            |          |                  |            |
| 11         | Troubleshoot faulty system.                            |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |

| ATA:<br>24 | Electrical Power                               | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |  | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Charge lead/acid battery.                      |                  |                   |                     |                            |          |                  |            |
| 2          | Charge Ni-Cad battery.                         |                  |                   |                     |                            |          |                  |            |
| 3          | Check battery capacity.                        |                  |                   |                     |                            |          |                  |            |
| 4          | Deep-cycle Ni-Cad battery.                     |                  |                   |                     |                            |          |                  |            |
| 5          | Replace integrated drive/generator/alternator. |                  |                   |                     |                            |          |                  |            |
| 6          | Replace switches.                              |                  |                   |                     |                            |          |                  |            |
| 7          | Replace circuit breakers.                      |                  |                   |                     |                            |          |                  |            |
| 8          | Adjust voltage regulator.                      |                  |                   |                     |                            |          |                  |            |
| 9          | Change voltage regulator.                      |                  |                   |                     |                            |          |                  |            |
| 10         | Amend electrical load analysis report.         |                  |                   |                     |                            |          |                  |            |
| 11         | Repair/replace electrical feeder cable.        |                  |                   |                     |                            |          |                  |            |
| 12         | Troubleshoot faulty system.                    |                  |                   |                     |                            |          |                  |            |

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| ATA:<br>24 | Electrical Power   | Relevant tasks:* |              |           | Applicable for:<br>All A/C |                     | Tasks performed: |          |
|------------|--|------------------|--------------|-----------|----------------------------|---------------------|------------------|----------|
|            |  | #                | Task details | Relevant* | Manual reference*          | Replaces<br>task #* | Date             | A/C reg. |
| 13         | Perform functional check of integrated drive/<br>generator/alternator. |                  |              |           |                            |                     |                  |          |
| 14         | Perform functional check of voltage regulator.                         |                  |              |           |                            |                     |                  |          |
| 15         | Perform functional check of emergency<br>generation system.            |                  |              |           |                            |                     |                  |          |
|            |  |                  |              |           |                            |                     |                  |          |
|            |  |                  |              |           |                            |                     |                  |          |

| ATA:<br>25 | Equipment/Furnishings                           | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                                    | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace carpets.                                |                  |                   |                     |                            |          |                  |            |
| 2          | Replace crew seats.                             |                  |                   |                     |                            |          |                  |            |
| 3          | Replace passenger seats.                        |                  |                   |                     |                            |          |                  |            |
| 4          | Check inertia reels.                            |                  |                   |                     |                            |          |                  |            |
| 5          | Check seats/belts for security.                 |                  |                   |                     |                            |          |                  |            |
| 6          | Check emergency equipment.                      |                  |                   |                     |                            |          |                  |            |
| 7          | Check ELT for compliance with regulations.      |                  |                   |                     |                            |          |                  |            |
| 8          | Repair toilet waste container.                  |                  |                   |                     |                            |          |                  |            |
| 9          | Remove and install ceiling and sidewall panels. |                  |                   |                     |                            |          |                  |            |
| 10         | Repair upholstery.                              |                  |                   |                     |                            |          |                  |            |
| 11         | Change cabin configuration.                     |                  |                   |                     |                            |          |                  |            |
| 12         | Replace cargo loading system actuator.          |                  |                   |                     |                            |          |                  |            |

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| ATA:<br>25 | Equipment/Furnishings        | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                 | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 13         | Test cargo loading system.   |                  |                   |                     |                            |          |                  |            |
| 14         | Replace escape slides/ropes. |                  |                   |                     |                            |          |                  |            |
|            |                              |                  |                   |                     |                            |          |                  |            |
|            |                              |                  |                   |                     |                            |          |                  |            |

| ATA:<br>26 | Fire protection  | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |  | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Check fire bottle contents.                                      |                  |                   |                     |                            |          |                  |            |
| 2          | Check/test operation of fire/smoke detection and warning system. |                  |                   |                     |                            |          |                  |            |
| 3          | Check cabin fire extinguisher contents.                          |                  |                   |                     |                            |          |                  |            |
| 4          | Check lavatory smoke detector system.                            |                  |                   |                     |                            |          |                  |            |
| 5          | Check cargo panel sealing.                                       |                  |                   |                     |                            |          |                  |            |
| 6          | Install new fire bottle.   |                  |                   |                     |                            |          |                  |            |
| 7          | Replace fire bottle squib.                                       |                  |                   |                     |                            |          |                  |            |
| 8          | Troubleshoot faulty system.                                      |                  |                   |                     |                            |          |                  |            |
| 9          | Inspect engine fire wire detection systems.                      |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |



| ATA:<br>27 | Flight Controls   | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>Aeroplanes |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|-------------------------------|----------|------------------|------------|
|            |   | Relevant*        | Manual reference* |                     | Date                          | A/C reg. | Trainee          | Supervisor |
| 1          | Inspect primary flight controls and related components i.a.w. |                  |                   |                     |                               |          |                  |            |
| 2          | Extending/retracting flaps & slats.                           |                  |                   |                     |                               |          |                  |            |
| 3          | Replace horizontal stabiliser (or component).                 |                  |                   |                     |                               |          |                  |            |
| 4          | Replace spoiler/lift damper (or component).                   |                  |                   |                     |                               |          |                  |            |
| 5          | Replace elevator (or component).                              |                  |                   |                     |                               |          |                  |            |
| 6          | Deactivation/reactivation of aileron servo control.           |                  |                   |                     |                               |          |                  |            |
| 7          | Replace aileron (or component).                               |                  |                   |                     |                               |          |                  |            |
| 8          | Replace rudder (or component).                                |                  |                   |                     |                               |          |                  |            |
| 9          | Replace trim tabs.  |                  |                   |                     |                               |          |                  |            |
| 10         | Install control cable and fittings.                           |                  |                   |                     |                               |          |                  |            |
| 11         | Replace slats (or component).                                 |                  |                   |                     |                               |          |                  |            |
| 12         | Replace flaps (or component).                                 |                  |                   |                     |                               |          |                  |            |
| 13         | Replace powered flying control unit.                          |                  |                   |                     |                               |          |                  |            |

| ATA:<br>27 | Flight Controls                                | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>Aeroplanes |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|-------------------------------|----------|------------------|------------|
|            |  | Relevant*        | Manual reference* |                     | Date                          | A/C reg. | Trainee          | Supervisor |
| 14         | Replace flap actuator.                         |                  |                   |                     |                               |          |                  |            |
| 15         | Rig primary flight controls.                   |                  |                   |                     |                               |          |                  |            |
| 16         | Adjust trim tab.                               |                  |                   |                     |                               |          |                  |            |
| 17         | Adjust control cable tension.                  |                  |                   |                     |                               |          |                  |            |
| 18         | Check control range and direction of movement. |                  |                   |                     |                               |          |                  |            |
| 19         | Check for correct assembly and locking.        |                  |                   |                     |                               |          |                  |            |
| 20         | Troubleshoot faulty system.                    |                  |                   |                     |                               |          |                  |            |
| 21         | Functional test of primary flight controls.    |                  |                   |                     |                               |          |                  |            |
| 22         | Functional test of flap system.                |                  |                   |                     |                               |          |                  |            |
| 23         | Operational test of the side stick assembly.   |                  |                   |                     |                               |          |                  |            |
| 24         | Operational test of the THS.                   |                  |                   |                     |                               |          |                  |            |
| 25         | THS system wear check.                         |                  |                   |                     |                               |          |                  |            |
|            |  |                  |                   |                     |                               |          |                  |            |

| ATA:<br>28 | Fuel                                       | Relevant tasks:* |           | Replaces<br>task #* | Applicable for:<br>All A/C |      | Tasks performed: |         |
|------------|--|------------------|-----------|---------------------|----------------------------|------|------------------|---------|
|            | #  | Task details     | Relevant* |                     | Manual reference*          | Date | A/C reg.         | Trainee |
| 1          | Water drain system (operation).            |                  |           |                     |                            |      |                  |         |
| 2          | Replace booster pump.                      |                  |           |                     |                            |      |                  |         |
| 3          | Replace fuel selector.                     |                  |           |                     |                            |      |                  |         |
| 4          | Replace fuel tank cells.                   |                  |           |                     |                            |      |                  |         |
| 5          | Replace/test fuel control valves.          |                  |           |                     |                            |      |                  |         |
| 6          | Replace magnetic fuel level indicators.    |                  |           |                     |                            |      |                  |         |
| 7          | Replace water drain valve.                 |                  |           |                     |                            |      |                  |         |
| 8          | Check/calculate fuel contents manually.    |                  |           |                     |                            |      |                  |         |
| 9          | Check filters.                             |                  |           |                     |                            |      |                  |         |
| 10         | Flow check system.                         |                  |           |                     |                            |      |                  |         |
| 11         | Check calibration of fuel quantity gauges. |                  |           |                     |                            |      |                  |         |
| 12         | Check operation feed/selectors.            |                  |           |                     |                            |      |                  |         |

| ATA:<br>28 | Fuel   | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |  | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 13         | Check operation of fuel dump/jettison system.                                      |                  |                   |                     |                            |          |                  |            |
| 14         | Fuel transfer between tanks.   |                  |                   |                     |                            |          |                  |            |
| 15         | Pressure defuel.   |                  |                   |                     |                            |          |                  |            |
| 16         | Pressure refuel (manual control).  |                  |                   |                     |                            |          |                  |            |
| 17         | Deactivation/reactivation of the fuel valves<br>(transfer defuel, X-feed, refuel). |                  |                   |                     |                            |          |                  |            |
| 18         | Troubleshoot faulty system.  |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |

| ATA:<br>29 | Hydraulics   | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |  | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace engine-driven pump.                              |                  |                   |                     |                            |          |                  |            |
| 2          | Check/replace case drain filter.                         |                  |                   |                     |                            |          |                  |            |
| 3          | Replace standby pump.                                    |                  |                   |                     |                            |          |                  |            |
| 4          | Replace hydraulic motor pump/generator.                  |                  |                   |                     |                            |          |                  |            |
| 5          | Replace accumulator.                                     |                  |                   |                     |                            |          |                  |            |
| 6          | Check operation of shut off valve.                       |                  |                   |                     |                            |          |                  |            |
| 7          | Check filters/clog indicators.                           |                  |                   |                     |                            |          |                  |            |
| 8          | Check indicating systems.                                |                  |                   |                     |                            |          |                  |            |
| 9          | Perform functional checks.                               |                  |                   |                     |                            |          |                  |            |
| 10         | Pressurisation/depressurisation of the hydraulic system. |                  |                   |                     |                            |          |                  |            |
| 11         | Power Transfer Unit (PTU) operation.                     |                  |                   |                     |                            |          |                  |            |
| 12         | Replacement of PTU.                                      |                  |                   |                     |                            |          |                  |            |
| 13         | Troubleshoot faulty system.                              |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |

| ATA:<br>30 | Ice and rain protection  | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |  | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace pump.  |                  |                   |                     |                            |          |                  |            |
| 2          | Replace timer.   |                  |                   |                     |                            |          |                  |            |
| 3          | Inspect repair propeller deice boot.   |                  |                   |                     |                            |          |                  |            |
| 4          | Test propeller de-icing system.  |                  |                   |                     |                            |          |                  |            |
| 5          | Inspect/test wing leading edge de-icer boot.   |                  |                   |                     |                            |          |                  |            |
| 6          | Replace anti-ice/deice valve.  |                  |                   |                     |                            |          |                  |            |
| 7          | Install wiper motor.   |                  |                   |                     |                            |          |                  |            |
| 8          | Check operation of systems.  |                  |                   |                     |                            |          |                  |            |
| 9          | Operational test of the pitot-probe ice protection.  |                  |                   |                     |                            |          |                  |            |
| 10         | Operational test of the TAT ice protection.  |                  |                   |                     |                            |          |                  |            |
| 11         | Operational test of the wing ice protection system.  |                  |                   |                     |                            |          |                  |            |
| 12         | Assistance to the operational test of the engine air-intake ice protection (with engines operating). |                  |                   |                     |                            |          |                  |            |

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| ATA:<br>30 | Ice and rain protection     | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|-----------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 13         | Troubleshoot faulty system. |                  |                   |                     |                            |          |                  |            |
|            |                             |                  |                   |                     |                            |          |                  |            |
|            |                             |                  |                   |                     |                            |          |                  |            |

| ATA:<br>31 | Indicating/recording systems                   | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |  | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace flight data recorder.                  |                  |                   |                     |                            |          |                  |            |
| 2          | Replace cockpit voice recorder.                |                  |                   |                     |                            |          |                  |            |
| 3          | Replace clock.                                 |                  |                   |                     |                            |          |                  |            |
| 4          | Replace master caution unit.                   |                  |                   |                     |                            |          |                  |            |
| 5          | Replace FDR.                                   |                  |                   |                     |                            |          |                  |            |
| 6          | Perform FDR data retrieval.                    |                  |                   |                     |                            |          |                  |            |
| 7          | Troubleshoot faulty system.                    |                  |                   |                     |                            |          |                  |            |
| 8          | Implement ESDS procedures.                     |                  |                   |                     |                            |          |                  |            |
| 9          | Inspect for HIRF requirements.                 |                  |                   |                     |                            |          |                  |            |
| 10         | Start/stop EIS procedure.                      |                  |                   |                     |                            |          |                  |            |
| 11         | Bite test of the CFDIU.                        |                  |                   |                     |                            |          |                  |            |
| 12         | Ground scanning of the central warning system. |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |



| ATA:<br>32 | Landing Gear                                       | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                                       | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Build up wheel.                                    |                  |                   |                     |                            |          |                  |            |
| 2          | Replace main wheel.                                |                  |                   |                     |                            |          |                  |            |
| 3          | Replace nose wheel.                                |                  |                   |                     |                            |          |                  |            |
| 4          | Replace steering actuator.                         |                  |                   |                     |                            |          |                  |            |
| 5          | Replace truck tilt actuator.                       |                  |                   |                     |                            |          |                  |            |
| 6          | Replace gear retraction actuator.                  |                  |                   |                     |                            |          |                  |            |
| 7          | Replace uplock/downlock assembly.                  |                  |                   |                     |                            |          |                  |            |
| 8          | Replace shimmy damper.                             |                  |                   |                     |                            |          |                  |            |
| 9          | Rig nose wheel steering.                           |                  |                   |                     |                            |          |                  |            |
| 10         | Functional test of the nose wheel steering system. |                  |                   |                     |                            |          |                  |            |
| 11         | Replace shock strut seals.                         |                  |                   |                     |                            |          |                  |            |
| 12         | Replace brake unit.                                |                  |                   |                     |                            |          |                  |            |

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| ATA:<br>32 | Landing Gear                    | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |                                 | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 13         | Replace brake control valve.    |                  |                   |                     |                            |          |                  |            |
| 14         | Bleed brakes.                   |                  |                   |                     |                            |          |                  |            |
| 15         | Replace brake fan.              |                  |                   |                     |                            |          |                  |            |
| 16         | Test anti skid unit.            |                  |                   |                     |                            |          |                  |            |
| 17         | Test gear retraction.           |                  |                   |                     |                            |          |                  |            |
| 18         | Change bungees.                 |                  |                   |                     |                            |          |                  |            |
| 19         | Adjust micro switches/sensors.  |                  |                   |                     |                            |          |                  |            |
| 20         | Charge struts with oil and air. |                  |                   |                     |                            |          |                  |            |
| 21         | Troubleshoot faulty system.     |                  |                   |                     |                            |          |                  |            |
| 22         | Test auto-brake system.         |                  |                   |                     |                            |          |                  |            |
| 23         | Replace rotorcraft skids.       |                  |                   |                     |                            |          |                  |            |
| 24         | Replace rotorcraft skid shoes.  |                  |                   |                     |                            |          |                  |            |

| ATA:<br>32 | Landing Gear  | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details  | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 25         | Pack and check floats.  |                  |                   |                     |                            |          |                  |            |
| 26         | Flotation equipment.  |                  |                   |                     |                            |          |                  |            |
| 27         | Check/test emergency blowdown (emergency landing gear extension). |                  |                   |                     |                            |          |                  |            |
| 28         | Operational test of the landing gear doors.                       |                  |                   |                     |                            |          |                  |            |
|            | (Servicing of shock strut.)                                       |                  |                   |                     |                            |          |                  |            |
|            |   |                  |                   |                     |                            |          |                  |            |
|            |   |                  |                   |                     |                            |          |                  |            |

| ATA:<br>33 | Lights                                    | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |   | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Repair/replace rotating beacon.           |                  |                   |                     |                            |          |                  |            |
| 2          | Repair/replace landing lights.            |                  |                   |                     |                            |          |                  |            |
| 3          | Repair/replace navigation lights.         |                  |                   |                     |                            |          |                  |            |
| 4          | Repair/replace interior lights.           |                  |                   |                     |                            |          |                  |            |
| 5          | Replace ice inspection lights.            |                  |                   |                     |                            |          |                  |            |
| 6          | Repair/replace logo lights.               |                  |                   |                     |                            |          |                  |            |
| 7          | Repair/replace emergency lighting system. |                  |                   |                     |                            |          |                  |            |
| 8          | Perform emergency lighting system checks. |                  |                   |                     |                            |          |                  |            |
| 9          | Troubleshoot faulty system.               |                  |                   |                     |                            |          |                  |            |
|            |   |                  |                   |                     |                            |          |                  |            |
|            |   |                  |                   |                     |                            |          |                  |            |

| ATA:<br>34 | Navigation                              | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |   | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Calibrate magnetic direction indicator. |                  |                   |                     |                            |          |                  |            |
| 2          | Replace airspeed indicator.             |                  |                   |                     |                            |          |                  |            |
| 3          | Replace altimeter.                      |                  |                   |                     |                            |          |                  |            |
| 4          | Replace air data computer.              |                  |                   |                     |                            |          |                  |            |
| 5          | Replace VOR unit.                       |                  |                   |                     |                            |          |                  |            |
| 6          | Replace ADI.                            |                  |                   |                     |                            |          |                  |            |
| 7          | Replace HSI.                            |                  |                   |                     |                            |          |                  |            |
| 8          | Check pitot static system for leaks.    |                  |                   |                     |                            |          |                  |            |
| 9          | Check operation of directional gyro.    |                  |                   |                     |                            |          |                  |            |
| 10         | Functional check weather radar.         |                  |                   |                     |                            |          |                  |            |
| 11         | Functional check doppler.               |                  |                   |                     |                            |          |                  |            |
| 12         | Functional check TCAS.                  |                  |                   |                     |                            |          |                  |            |
| 13         | Functional check DME.                   |                  |                   |                     |                            |          |                  |            |
| 14         | Functional check ATC Transponder.       |                  |                   |                     |                            |          |                  |            |

| ATA:<br>34 | Navigation   | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details   | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 15         | Functional check flight director system.                 |                  |                   |                     |                            |          |                  |            |
| 16         | Functional check inertial nav system.                    |                  |                   |                     |                            |          |                  |            |
| 17         | Complete quadrantal error correction of ADF system.      |                  |                   |                     |                            |          |                  |            |
| 18         | Update flight management system database.                |                  |                   |                     |                            |          |                  |            |
| 19         | Check calibration of pitot static instruments.           |                  |                   |                     |                            |          |                  |            |
| 20         | Check calibration of pressure altitude reporting system. |                  |                   |                     |                            |          |                  |            |
| 21         | Troubleshoot faulty system.                              |                  |                   |                     |                            |          |                  |            |
| 22         | Check marker systems.                                    |                  |                   |                     |                            |          |                  |            |
| 23         | Compass replacement direct/indirect.                     |                  |                   |                     |                            |          |                  |            |
| 24         | Check Satcom.  |                  |                   |                     |                            |          |                  |            |
| 25         | Check GPS.   |                  |                   |                     |                            |          |                  |            |
| 26         | Test AVM.  |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |

| ATA:<br>35 | Oxygen                                       | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |  | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Inspect on-board oxygen equipment.           |                  |                   |                     |                            |          |                  |            |
| 2          | Purge and recharge oxygen system.            |                  |                   |                     |                            |          |                  |            |
| 3          | Replace regulator.                           |                  |                   |                     |                            |          |                  |            |
| 4          | Replace oxygen generator.                    |                  |                   |                     |                            |          |                  |            |
| 5          | Test crew oxygen system.                     |                  |                   |                     |                            |          |                  |            |
| 6          | Perform auto oxygen system deployment check. |                  |                   |                     |                            |          |                  |            |
| 7          | Troubleshoot faulty system.                  |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |

| ATA:<br>36 | Pneumatic systems                  | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|------------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                       | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace filter.                    |                  |                   |                     |                            |          |                  |            |
| 2          | Replace air shut off valve.        |                  |                   |                     |                            |          |                  |            |
| 3          | Replace pressure regulating valve. |                  |                   |                     |                            |          |                  |            |
| 4          | Replace compressor.                |                  |                   |                     |                            |          |                  |            |
| 5          | Recharge dessicator.               |                  |                   |                     |                            |          |                  |            |
| 6          | Adjust regulator.                  |                  |                   |                     |                            |          |                  |            |
| 7          | Check for leaks.                   |                  |                   |                     |                            |          |                  |            |
| 8          | Troubleshoot faulty system.        |                  |                   |                     |                            |          |                  |            |
|            |                                    |                  |                   |                     |                            |          |                  |            |
|            |                                    |                  |                   |                     |                            |          |                  |            |



## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>37 | Vacuum systems                        | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---------------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                          | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Inspect the vacuum system i.a.w. AMM. |                  |                   |                     |                            |          |                  |            |
| 2          | Replace vacuum pump.                  |                  |                   |                     |                            |          |                  |            |
| 3          | Check/replace filters.                |                  |                   |                     |                            |          |                  |            |
| 4          | Adjust regulator.                     |                  |                   |                     |                            |          |                  |            |
| 5          | Troubleshoot faulty system.           |                  |                   |                     |                            |          |                  |            |
|            |                                       |                  |                   |                     |                            |          |                  |            |
|            |                                       |                  |                   |                     |                            |          |                  |            |

| ATA:<br>38 | Water/Waste                            | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                           | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace water pump.                    |                  |                   |                     |                            |          |                  |            |
| 2          | Replace tap.                           |                  |                   |                     |                            |          |                  |            |
| 3          | Replace toilet pump.                   |                  |                   |                     |                            |          |                  |            |
| 4          | Perform water heater functional check. |                  |                   |                     |                            |          |                  |            |
| 5          | Troubleshoot faulty system.            |                  |                   |                     |                            |          |                  |            |
| 6          | Inspect waste bin flap closure.        |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |
|            |  |                  |                   |                     |                            |          |                  |            |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>45 | Central Maintenance System  | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|-----------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Retrieve data from CMU.     |                  |                   |                     |                            |          |                  |            |
| 2          | Replace CMU.                |                  |                   |                     |                            |          |                  |            |
| 3          | Perform Bite check.         |                  |                   |                     |                            |          |                  |            |
| 4          | Troubleshoot faulty system. |                  |                   |                     |                            |          |                  |            |
|            |                             |                  |                   |                     |                            |          |                  |            |
|            |                             |                  |                   |                     |                            |          |                  |            |

| ATA:<br>51 | Structures                      | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                    | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Assessment of damage.           |                  |                   |                     |                            |          |                  |            |
| 2          | Sheet metal repair.             |                  |                   |                     |                            |          |                  |            |
| 3          | Fibre glass repair.             |                  |                   |                     |                            |          |                  |            |
| 4          | Wooden repair.                  |                  |                   |                     |                            |          |                  |            |
| 5          | Fabric repair.                  |                  |                   |                     |                            |          |                  |            |
| 6          | Recover fabric control surface. |                  |                   |                     |                            |          |                  |            |
| 7          | Treat corrosion.                |                  |                   |                     |                            |          |                  |            |
| 8          | Apply protective treatment.     |                  |                   |                     |                            |          |                  |            |
|            |                                 |                  |                   |                     |                            |          |                  |            |
|            |                                 |                  |                   |                     |                            |          |                  |            |

| ATA:<br>52 | Doors   | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |   | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Inspect passenger door i.a.w. AMM.            |                  |                   |                     |                            |          |                  |            |
| 2          | Rig/adjust locking mechanism.                 |                  |                   |                     |                            |          |                  |            |
| 3          | Adjust air stair system.                      |                  |                   |                     |                            |          |                  |            |
| 4          | Check operation of emergency exits.           |                  |                   |                     |                            |          |                  |            |
| 5          | Test door warning system.                     |                  |                   |                     |                            |          |                  |            |
| 6          | Troubleshoot faulty system.                   |                  |                   |                     |                            |          |                  |            |
| 7          | Remove and install passenger door i.a.w. AMM. |                  |                   |                     |                            |          |                  |            |
| 8          | Remove and install emergency exit i.a.w. AMM. |                  |                   |                     |                            |          |                  |            |
| 9          | Inspect cargo door i.a.w. AMM.                |                  |                   |                     |                            |          |                  |            |
| (10)       | (Removal and installation of slide assembly)  |                  |                   |                     |                            |          |                  |            |
|            |   |                  |                   |                     |                            |          |                  |            |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>56 | Windows                       | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|-------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                  | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace windshield.           |                  |                   |                     |                            |          |                  |            |
| 2          | Replace direct vision window. |                  |                   |                     |                            |          |                  |            |
| 3          | Replace cabin window.         |                  |                   |                     |                            |          |                  |            |
| 4          | Repair transparency.          |                  |                   |                     |                            |          |                  |            |
|            |                               |                  |                   |                     |                            |          |                  |            |
|            |                               |                  |                   |                     |                            |          |                  |            |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>57 | Wings                             | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>Airplanes |          | Tasks performed: |            |
|------------|-----------------------------------|------------------|-------------------|---------------------|------------------------------|----------|------------------|------------|
|            |                                   | Relevant*        | Manual reference* |                     | Date                         | A/C reg. | Trainee          | Supervisor |
| 1          | Skin repair.                      |                  |                   |                     |                              |          |                  |            |
| 2          | Recover fabric wing.              |                  |                   |                     |                              |          |                  |            |
| 3          | Replace tip.                      |                  |                   |                     |                              |          |                  |            |
| 4          | Replace rib.                      |                  |                   |                     |                              |          |                  |            |
| 5          | Replace integral fuel tank panel. |                  |                   |                     |                              |          |                  |            |
| 6          | Check incidence/rig.              |                  |                   |                     |                              |          |                  |            |
|            |                                   |                  |                   |                     |                              |          |                  |            |
|            |                                   |                  |                   |                     |                              |          |                  |            |

| ATA:<br>61 | Propeller                              | Relevant tasks:* |              |  | Applicable for:<br>Airplanes |                   | Tasks performed:    |      |
|------------|--|------------------|--------------|--|------------------------------|-------------------|---------------------|------|
|            |  | #                | Task details |  | Relevant*                    | Manual reference* | Replaces<br>task #* | Date |
| 1          | Assemble prop after transportation.    |                  |              |  |                              |                   |                     |      |
| 2          | Replace propeller.                     |                  |              |  |                              |                   |                     |      |
| 3          | Replace governor.                      |                  |              |  |                              |                   |                     |      |
| 4          | Adjust governor.                       |                  |              |  |                              |                   |                     |      |
| 5          | Perform static functional checks.      |                  |              |  |                              |                   |                     |      |
| 6          | Check operation during ground run.     |                  |              |  |                              |                   |                     |      |
| 7          | Check track.                           |                  |              |  |                              |                   |                     |      |
| 8          | Check setting of micro switches.       |                  |              |  |                              |                   |                     |      |
| 9          | Assessment of blade damage i.a.w. AMM. |                  |              |  |                              |                   |                     |      |
| 10         | Dynamically balance prop.              |                  |              |  |                              |                   |                     |      |
| 11         | Troubleshoot faulty system.            |                  |              |  |                              |                   |                     |      |
|            |  |                  |              |  |                              |                   |                     |      |



## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>62 | Main Rotors              | Relevant tasks:* |              |           | Applicable for:<br>Helicopters |                     | Tasks performed: |          |
|------------|--------------------------|------------------|--------------|-----------|--------------------------------|---------------------|------------------|----------|
|            |                          | #                | Task details | Relevant* | Manual reference*              | Replaces<br>task #* | Date             | A/C reg. |
| 1          | Install rotor assembly.  |                  |              |           |                                |                     |                  |          |
| 2          | Replace blades.          |                  |              |           |                                |                     |                  |          |
| 3          | Replace damper assembly. |                  |              |           |                                |                     |                  |          |
| 4          | Check track.             |                  |              |           |                                |                     |                  |          |
| 5          | Check static balance.    |                  |              |           |                                |                     |                  |          |
| 6          | Check dynamic balance.   |                  |              |           |                                |                     |                  |          |
| 7          | Troubleshoot.            |                  |              |           |                                |                     |                  |          |
|            |                          |                  |              |           |                                |                     |                  |          |
|            |                          |                  |              |           |                                |                     |                  |          |

| ATA:<br>63 | Rotor Drive                    | Relevant tasks:* |                   |                     | Applicable for:<br>Helicopters |          | Tasks performed: |            |
|------------|--------------------------------|------------------|-------------------|---------------------|--------------------------------|----------|------------------|------------|
| #          | Task details                   | Relevant*        | Manual reference* | Replaces<br>task #* | Date                           | A/C reg. | Trainee          | Supervisor |
| 1          | Replace mast.                  |                  |                   |                     |                                |          |                  |            |
| 2          | Replace drive coupling.        |                  |                   |                     |                                |          |                  |            |
| 3          | Replace clutch/freewheel unit. |                  |                   |                     |                                |          |                  |            |
| 4          | Replace drive belt.            |                  |                   |                     |                                |          |                  |            |
| 5          | Install main gearbox.          |                  |                   |                     |                                |          |                  |            |
| 6          | Overhaul main gearbox.         |                  |                   |                     |                                |          |                  |            |
| 7          | Check gearbox chip detectors.  |                  |                   |                     |                                |          |                  |            |
|            |                                |                  |                   |                     |                                |          |                  |            |
|            |                                |                  |                   |                     |                                |          |                  |            |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>64 | Tail Rotors             | Relevant tasks:* |                   |                     | Applicable for:<br>Helicopters |          | Tasks performed: |            |
|------------|-------------------------|------------------|-------------------|---------------------|--------------------------------|----------|------------------|------------|
| #          | Task details            | Relevant*        | Manual reference* | Replaces<br>task #* | Date                           | A/C reg. | Trainee          | Supervisor |
| 1          | Install rotor assembly. |                  |                   |                     |                                |          |                  |            |
| 2          | Replace blades.         |                  |                   |                     |                                |          |                  |            |
| 3          | Troubleshoot.           |                  |                   |                     |                                |          |                  |            |
|            |                         |                  |                   |                     |                                |          |                  |            |
|            |                         |                  |                   |                     |                                |          |                  |            |

| ATA:<br>65 | Tail Rotor Drive                           | Relevant tasks:* |              |           | Applicable for:<br>Helicopters |                  | Tasks performed: |          |         |
|------------|--|------------------|--------------|-----------|--------------------------------|------------------|------------------|----------|---------|
|            |  | #                | Task details | Relevant* | Manual reference*              | Replaces task #* | Date             | A/C reg. | Trainee |
| 1          | Replace bevel gearbox.                     |                  |              |           |                                |                  |                  |          |         |
| 2          | Replace universal joints.                  |                  |              |           |                                |                  |                  |          |         |
| 3          | Overhaul bevel gearbox.                    |                  |              |           |                                |                  |                  |          |         |
| 4          | Install drive assembly.                    |                  |              |           |                                |                  |                  |          |         |
| 5          | Check chip detectors.                      |                  |              |           |                                |                  |                  |          |         |
| 6          | Check/install bearings and hangers.        |                  |              |           |                                |                  |                  |          |         |
| 7          | Check/service/assemble flexible couplings. |                  |              |           |                                |                  |                  |          |         |
| 8          | Check alignment of drive shafts.           |                  |              |           |                                |                  |                  |          |         |
| 9          | Install and rig drive shafts.              |                  |              |           |                                |                  |                  |          |         |
|            |  |                  |              |           |                                |                  |                  |          |         |
|            |  |                  |              |           |                                |                  |                  |          |         |

| ATA:<br>67 | Rotorcraft flight controls               | Relevant tasks:* |              |           | Applicable for:<br>Helicopters |                  | Tasks performed: |          |         |
|------------|--|------------------|--------------|-----------|--------------------------------|------------------|------------------|----------|---------|
|            |  | #                | Task details | Relevant* | Manual reference*              | Replaces task #* | Date             | A/C reg. | Trainee |
| 1          | Install swash plate.                     |                  |              |           |                                |                  |                  |          |         |
| 2          | Install mixing box.                      |                  |              |           |                                |                  |                  |          |         |
| 3          | Adjust pitch links.                      |                  |              |           |                                |                  |                  |          |         |
| 4          | Rig collective system.                   |                  |              |           |                                |                  |                  |          |         |
| 5          | Rig cyclic system.                       |                  |              |           |                                |                  |                  |          |         |
| 6          | Rig anti-torque system.                  |                  |              |           |                                |                  |                  |          |         |
| 7          | Check controls for assembly and locking. |                  |              |           |                                |                  |                  |          |         |
| 8          | Check controls for operation and sense.  |                  |              |           |                                |                  |                  |          |         |
| 9          | Troubleshoot faulty system.              |                  |              |           |                                |                  |                  |          |         |
|            |  |                  |              |           |                                |                  |                  |          |         |
|            |  |                  |              |           |                                |                  |                  |          |         |

| ATA:<br>71 | Power Plant                           | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---------------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                          | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Build up ECU.                         |                  |                   |                     |                            |          |                  |            |
| 2          | Replace engine.                       |                  |                   |                     |                            |          |                  |            |
| 3          | Repair cooling baffles.               |                  |                   |                     |                            |          |                  |            |
| 4          | Repair cowling.                       |                  |                   |                     |                            |          |                  |            |
| 5          | Adjust cowl flaps.                    |                  |                   |                     |                            |          |                  |            |
| 6          | Repair faulty wiring.                 |                  |                   |                     |                            |          |                  |            |
| 7          | Troubleshoot.                         |                  |                   |                     |                            |          |                  |            |
| 8          | Assist in dry motoring check.         |                  |                   |                     |                            |          |                  |            |
| 9          | Assist in wet motoring check.         |                  |                   |                     |                            |          |                  |            |
| 10         | Assist in engine start (manual mode). |                  |                   |                     |                            |          |                  |            |
|            |                                       |                  |                   |                     |                            |          |                  |            |
|            |                                       |                  |                   |                     |                            |          |                  |            |

| ATA:<br>72 | Piston Engines                 | Relevant tasks:* |              |           | Applicable for:<br>Piston Engines |                  | Tasks performed: |          |         |
|------------|--------------------------------|------------------|--------------|-----------|-----------------------------------|------------------|------------------|----------|---------|
|            |                                | #                | Task details | Relevant* | Manual reference*                 | Replaces task #* | Date             | A/C reg. | Trainee |
| 1          | Remove/install reduction gear. |                  |              |           |                                   |                  |                  |          |         |
| 2          | Check crankshaft run-out.      |                  |              |           |                                   |                  |                  |          |         |
| 3          | Check tappet clearance.        |                  |              |           |                                   |                  |                  |          |         |
| 4          | Check compression.             |                  |              |           |                                   |                  |                  |          |         |
| 5          | Extract broken stud.           |                  |              |           |                                   |                  |                  |          |         |
| 6          | Install helicoil.              |                  |              |           |                                   |                  |                  |          |         |
| 7          | Perform ground run.            |                  |              |           |                                   |                  |                  |          |         |
| 8          | Establish/check reference RPM. |                  |              |           |                                   |                  |                  |          |         |
| 9          | Troubleshoot.                  |                  |              |           |                                   |                  |                  |          |         |
|            |                                |                  |              |           |                                   |                  |                  |          |         |
|            |                                |                  |              |           |                                   |                  |                  |          |         |

| ATA:<br>72 | Turbine Engines                         | Relevant tasks:* |              |           | Applicable for:<br>Turbine Engines |                  | Tasks performed: |          |         |
|------------|---|------------------|--------------|-----------|------------------------------------|------------------|------------------|----------|---------|
|            |   | #                | Task details | Relevant* | Manual reference*                  | Replaces task #* | Date             | A/C reg. | Trainee |
| 1          | Replace module.                         |                  |              |           |                                    |                  |                  |          |         |
| 2          | Replace fan blade.                      |                  |              |           |                                    |                  |                  |          |         |
| 3          | Hot section inspection/borescope check. |                  |              |           |                                    |                  |                  |          |         |
| 4          | Carry out engine/compressor wash.       |                  |              |           |                                    |                  |                  |          |         |
| 5          | Carry out engine dry cycle.             |                  |              |           |                                    |                  |                  |          |         |
| 6          | Engine ground run.                      |                  |              |           |                                    |                  |                  |          |         |
| 7          | Establish reference power.              |                  |              |           |                                    |                  |                  |          |         |
| 8          | Trend monitoring/gas path analysis.     |                  |              |           |                                    |                  |                  |          |         |
| 9          | Troubleshoot.                           |                  |              |           |                                    |                  |                  |          |         |
|            |   |                  |              |           |                                    |                  |                  |          |         |
|            |   |                  |              |           |                                    |                  |                  |          |         |



| ATA:<br>73 | Fuel and control, piston         | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>Piston engines |          | Tasks performed: |            |
|------------|----------------------------------|------------------|-------------------|---------------------|-----------------------------------|----------|------------------|------------|
|            |                                  | Relevant*        | Manual reference* |                     | Date                              | A/C reg. | Trainee          | Supervisor |
| 1          | Replace engine driven pump.      |                  |                   |                     |                                   |          |                  |            |
| 2          | Adjust AMC.                      |                  |                   |                     |                                   |          |                  |            |
| 3          | Adjust ABC.                      |                  |                   |                     |                                   |          |                  |            |
| 4          | Install carburettor/injector.    |                  |                   |                     |                                   |          |                  |            |
| 5          | Adjust carburettor/injector.     |                  |                   |                     |                                   |          |                  |            |
| 6          | Clean injector nozzles.          |                  |                   |                     |                                   |          |                  |            |
| 7          | Replace primer line.             |                  |                   |                     |                                   |          |                  |            |
| 8          | Check carburettor float setting. |                  |                   |                     |                                   |          |                  |            |
| 9          | Troubleshoot faulty system.      |                  |                   |                     |                                   |          |                  |            |
|            |                                  |                  |                   |                     |                                   |          |                  |            |
|            |                                  |                  |                   |                     |                                   |          |                  |            |

| ATA:<br>73 | Fuel and control, turbine                       | Relevant tasks:* |                   |                     | Applicable for:<br>Turbine engines |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|------------------------------------|----------|------------------|------------|
| #          | Task details                                    | Relevant*        | Manual reference* | Replaces<br>task #* | Date                               | A/C reg. | Trainee          | Supervisor |
| 1          | Replace FCU.                                    |                  |                   |                     |                                    |          |                  |            |
| 2          | Replace Engine Electronic Control Unit (FADEC). |                  |                   |                     |                                    |          |                  |            |
| 3          | Replace Fuel Metering Unit (FADEC).             |                  |                   |                     |                                    |          |                  |            |
| 4          | Replace engine driven pump.                     |                  |                   |                     |                                    |          |                  |            |
| 5          | Clean/test fuel nozzles.                        |                  |                   |                     |                                    |          |                  |            |
| 6          | Clean/replace filters.                          |                  |                   |                     |                                    |          |                  |            |
| 7          | Adjust FCU.                                     |                  |                   |                     |                                    |          |                  |            |
| 8          | Troubleshoot faulty system.                     |                  |                   |                     |                                    |          |                  |            |
| 9          | Functional test of FADEC.                       |                  |                   |                     |                                    |          |                  |            |
|            |   |                  |                   |                     |                                    |          |                  |            |
|            |   |                  |                   |                     |                                    |          |                  |            |

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| ATA:<br>74 | Ignition systems, piston    | Relevant tasks:* |              |           | Applicable for:<br>Piston engines |                     | Tasks performed: |          |         |
|------------|-----------------------------|------------------|--------------|-----------|-----------------------------------|---------------------|------------------|----------|---------|
|            |                             | #                | Task details | Relevant* | Manual reference*                 | Replaces<br>task #* | Date             | A/C reg. | Trainee |
| 1          | Change magneto.             |                  |              |           |                                   |                     |                  |          |         |
| 2          | Change ignition vibrator.   |                  |              |           |                                   |                     |                  |          |         |
| 3          | Change plugs.               |                  |              |           |                                   |                     |                  |          |         |
| 4          | Test plugs.                 |                  |              |           |                                   |                     |                  |          |         |
| 5          | Check H.T. leads.           |                  |              |           |                                   |                     |                  |          |         |
| 6          | Install new leads.          |                  |              |           |                                   |                     |                  |          |         |
| 7          | Check timing.               |                  |              |           |                                   |                     |                  |          |         |
| 8          | Check system bonding.       |                  |              |           |                                   |                     |                  |          |         |
| 9          | Troubleshoot faulty system. |                  |              |           |                                   |                     |                  |          |         |
|            |                             |                  |              |           |                                   |                     |                  |          |         |
|            |                             |                  |              |           |                                   |                     |                  |          |         |

| ATA:<br>74 | Ignition systems, turbine                       | Relevant tasks:* |                   |                     | Applicable for:<br>Turbine engines |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|------------------------------------|----------|------------------|------------|
| #          | Task details                                    | Relevant*        | Manual reference* | Replaces<br>task #* | Date                               | A/C reg. | Trainee          | Supervisor |
| 1          | Perform functional test of the ignition system. |                  |                   |                     |                                    |          |                  |            |
| 2          | Check glow plugs/ignitors.                      |                  |                   |                     |                                    |          |                  |            |
| 3          | Check H.T. leads.                               |                  |                   |                     |                                    |          |                  |            |
| 4          | Check ignition unit.                            |                  |                   |                     |                                    |          |                  |            |
| 5          | Replace ignition unit.                          |                  |                   |                     |                                    |          |                  |            |
| 6          | Troubleshoot faulty system.                     |                  |                   |                     |                                    |          |                  |            |
|            |   |                  |                   |                     |                                    |          |                  |            |
|            |   |                  |                   |                     |                                    |          |                  |            |

| ATA:<br>76 | Engine Controls                                     | Relevant tasks:* |                   |                     | Applicable for:<br>All airplanes |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|----------------------------------|----------|------------------|------------|
| #          | Task details  | Relevant*        | Manual reference* | Replaces<br>task #* | Date                             | A/C reg. | Trainee          | Supervisor |
| 1          | Rig thrust lever.                                   |                  |                   |                     |                                  |          |                  |            |
| 2          | Rig RPM control.                                    |                  |                   |                     |                                  |          |                  |            |
| 3          | Rig mixture HP cock lever.                          |                  |                   |                     |                                  |          |                  |            |
| 4          | Rig power lever.                                    |                  |                   |                     |                                  |          |                  |            |
| 5          | Check control sync (multi-eng).                     |                  |                   |                     |                                  |          |                  |            |
| 6          | Check controls for correct assembly and locking.    |                  |                   |                     |                                  |          |                  |            |
| 7          | Check controls for range and direction of movement. |                  |                   |                     |                                  |          |                  |            |
| 8          | Adjust pedestal micro-switches.                     |                  |                   |                     |                                  |          |                  |            |
| 9          | Troubleshoot faulty system.                         |                  |                   |                     |                                  |          |                  |            |
|            |   |                  |                   |                     |                                  |          |                  |            |
|            |   |                  |                   |                     |                                  |          |                  |            |

| ATA:<br>77 | Engine Indicating              | Relevant tasks:* |              |           | Applicable for:<br>All A/C |                  | Tasks performed: |          |
|------------|--------------------------------|------------------|--------------|-----------|----------------------------|------------------|------------------|----------|
|            |                                | #                | Task details | Relevant* | Manual reference*          | Replaces task #* | Date             | A/C reg. |
| 1          | Replace engine instruments(s). |                  |              |           |                            |                  |                  |          |
| 2          | Replace oil temperature bulb.  |                  |              |           |                            |                  |                  |          |
| 3          | Replace thermocouples.         |                  |              |           |                            |                  |                  |          |
| 4          | Check calibration.             |                  |              |           |                            |                  |                  |          |
| 5          | Troubleshoot faulty system.    |                  |              |           |                            |                  |                  |          |
|            |                                |                  |              |           |                            |                  |                  |          |
|            |                                |                  |              |           |                            |                  |                  |          |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>78 | Exhaust, piston                   | Relevant tasks:* |                   |                     | Applicable for:<br>Piston engines |          | Tasks performed: |            |
|------------|-----------------------------------|------------------|-------------------|---------------------|-----------------------------------|----------|------------------|------------|
| #          | Task details                      | Relevant*        | Manual reference* | Replaces<br>task #* | Date                              | A/C reg. | Trainee          | Supervisor |
| 1          | Replace exhaust gasket.           |                  |                   |                     |                                   |          |                  |            |
| 2          | Inspect welded repair.            |                  |                   |                     |                                   |          |                  |            |
| 3          | Pressure check cabin heater muff. |                  |                   |                     |                                   |          |                  |            |
| 4          | Troubleshoot faulty system.       |                  |                   |                     |                                   |          |                  |            |
|            |                                   |                  |                   |                     |                                   |          |                  |            |
|            |                                   |                  |                   |                     |                                   |          |                  |            |

| ATA:<br>78 | Exhaust, turbine                                | Relevant tasks:* |                   |                     | Applicable for:<br>Turbine engines |          | Tasks performed: |            |
|------------|---|------------------|-------------------|---------------------|------------------------------------|----------|------------------|------------|
| #          | Task details                                    | Relevant*        | Manual reference* | Replaces<br>task #* | Date                               | A/C reg. | Trainee          | Supervisor |
| 1          | Change jet pipe.                                |                  |                   |                     |                                    |          |                  |            |
| 2          | Change shroud assembly.                         |                  |                   |                     |                                    |          |                  |            |
| 3          | Install trimmers.                               |                  |                   |                     |                                    |          |                  |            |
| 4          | Inspect/replace thrust reverser.                |                  |                   |                     |                                    |          |                  |            |
| 5          | Replace thrust reverser component.              |                  |                   |                     |                                    |          |                  |            |
| 6          | Deactivate/reactivate thrust reverser.          |                  |                   |                     |                                    |          |                  |            |
| 7          | Operational test of the thrust reverser system. |                  |                   |                     |                                    |          |                  |            |
|            |   |                  |                   |                     |                                    |          |                  |            |
|            |   |                  |                   |                     |                                    |          |                  |            |



| ATA:<br>79 | Oil                              | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|----------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |                                  | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Change oil.                      |                  |                   |                     |                            |          |                  |            |
| 2          | Check filter(s).                 |                  |                   |                     |                            |          |                  |            |
| 3          | Adjust pressure relief valve.    |                  |                   |                     |                            |          |                  |            |
| 4          | Replace oil tank.                |                  |                   |                     |                            |          |                  |            |
| 5          | Replace oil pump.                |                  |                   |                     |                            |          |                  |            |
| 6          | Replace oil cooler.              |                  |                   |                     |                            |          |                  |            |
| 7          | Replace firewall shut off valve. |                  |                   |                     |                            |          |                  |            |
| 8          | Perform oil dilution test.       |                  |                   |                     |                            |          |                  |            |
| 9          | Troubleshoot faulty system.      |                  |                   |                     |                            |          |                  |            |
|            |                                  |                  |                   |                     |                            |          |                  |            |
|            |                                  |                  |                   |                     |                            |          |                  |            |

| ATA:<br>80 | Starting                     | Relevant tasks:* |                   | Replaces<br>task #* | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
|            |                              | Relevant*        | Manual reference* |                     | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace starter.             |                  |                   |                     |                            |          |                  |            |
| 2          | Replace start relay.         |                  |                   |                     |                            |          |                  |            |
| 3          | Replace start control valve. |                  |                   |                     |                            |          |                  |            |
| 4          | Check cranking speed.        |                  |                   |                     |                            |          |                  |            |
| 5          | Troubleshoot faulty system.  |                  |                   |                     |                            |          |                  |            |
|            |                              |                  |                   |                     |                            |          |                  |            |
|            |                              |                  |                   |                     |                            |          |                  |            |

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| ATA:<br>81 | Turbines, piston engines   | Relevant tasks:* |              |           | Applicable for:<br>Piston engines |                     | Tasks performed: |          |
|------------|----------------------------|------------------|--------------|-----------|-----------------------------------|---------------------|------------------|----------|
|            |                            | #                | Task details | Relevant* | Manual reference*                 | Replaces<br>task #* | Date             | A/C reg. |
| 1          | Replace PRT.               |                  |              |           |                                   |                     |                  |          |
| 2          | Replace turbo-blower.      |                  |              |           |                                   |                     |                  |          |
| 3          | Replace heat shields.      |                  |              |           |                                   |                     |                  |          |
| 4          | Replace waste gate.        |                  |              |           |                                   |                     |                  |          |
| 5          | Adjust density controller. |                  |              |           |                                   |                     |                  |          |
|            |                            |                  |              |           |                                   |                     |                  |          |
|            |                            |                  |              |           |                                   |                     |                  |          |

| ATA:<br>82 | Engine water injection              | Relevant tasks:* |                   |                     | Applicable for:<br>Turbine engines |          | Tasks performed: |            |
|------------|-------------------------------------|------------------|-------------------|---------------------|------------------------------------|----------|------------------|------------|
| #          | Task details                        | Relevant*        | Manual reference* | Replaces<br>task #* | Date                               | A/C reg. | Trainee          | Supervisor |
| 1          | Replace water/methanol pump.        |                  |                   |                     |                                    |          |                  |            |
| 2          | Flow check water/methanol system.   |                  |                   |                     |                                    |          |                  |            |
| 3          | Adjust water/methanol control unit. |                  |                   |                     |                                    |          |                  |            |
| 4          | Check fluid for quality.            |                  |                   |                     |                                    |          |                  |            |
| 5          | Troubleshoot faulty system          |                  |                   |                     |                                    |          |                  |            |
|            |                                     |                  |                   |                     |                                    |          |                  |            |
|            |                                     |                  |                   |                     |                                    |          |                  |            |

## AIRCRAFT MAINTENANCE ENGINEER'S OJT / PRACTICAL EXPERIENCE LOGBOOK

| ATA:<br>83 | Accessory gear boxes            | Relevant tasks:* |                   |                     | Applicable for:<br>All A/C |          | Tasks performed: |            |
|------------|---------------------------------|------------------|-------------------|---------------------|----------------------------|----------|------------------|------------|
| #          | Task details                    | Relevant*        | Manual reference* | Replaces<br>task #* | Date                       | A/C reg. | Trainee          | Supervisor |
| 1          | Replace gearbox.                |                  |                   |                     |                            |          |                  |            |
| 2          | Replace drive shaft.            |                  |                   |                     |                            |          |                  |            |
| 3          | Inspect magnetic chip detector. |                  |                   |                     |                            |          |                  |            |
|            |                                 |                  |                   |                     |                            |          |                  |            |
|            |                                 |                  |                   |                     |                            |          |                  |            |

| ATA:<br>49 | APU - Airborne Auxiliary power                         | Relevant tasks:* |                   |                     | Applicable for:<br>Turbine engines |          | Tasks performed: |            |
|------------|--|------------------|-------------------|---------------------|------------------------------------|----------|------------------|------------|
| #          | Task details   | Relevant*        | Manual reference* | Replaces<br>task #* | Date                               | A/C reg. | Trainee          | Supervisor |
| 1          | Removal/installation of the APU.                       |                  |                   |                     |                                    |          |                  |            |
| 2          | Removal/installation of the inlet guide-vane actuator. |                  |                   |                     |                                    |          |                  |            |
| 3          | Operational test of the APU emergency shut-down test.  |                  |                   |                     |                                    |          |                  |            |
| 4          | Operational test of the APU.                           |                  |                   |                     |                                    |          |                  |            |
|            | (Inspect hot section.)                                 |                  |                   |                     |                                    |          |                  |            |
|            | (Troubleshoot faulty system.)                          |                  |                   |                     |                                    |          |                  |            |
|            |  |                  |                   |                     |                                    |          |                  |            |
|            |  |                  |                   |                     |                                    |          |                  |            |

| OJT - Compliance report |  |                                   |
|-------------------------|--|-----------------------------------|
| (yes/no)                | OJT performed in a maintenance organisation approved under Part-145 or M.A. Subpart F holding A rating for the aircraft type in question | (MO name here)                    |
|                         | The procedures for this OJT are included in MOE chapter 3.15 and approved by the Finnish Transport and Communications Agency             | (MOE ref. here)                   |
|                         | OJT has been fully performed on the aircraft type for which the trainee is seeking a type endorsement                                    | (identify tasks if not)           |
|                         | At least 50 % of the tasks marked as relevant have been performed  | (count performed/relevant % here) |
|                         | No more than 25 % of the tasks marked as relevant have been performed before the type course theoretical part has started                | (count % here)                    |
|                         | Each performed task refers to an actual work order/job card etc.   |                                   |
|                         | No simulators have been used in this OJT   |                                   |
|                         | At least one task is performed from each ATA chapter having relevant tasks   |                                   |
|                         | Each performed task is signed by the trainee and countersigned by the supervisor who has also released the task                          |                                   |
|                         | OJT and corresponding type course started and completed within 3 years period  |                                   |

| OJT - Final assessment  |                 |
|---|-----------------|
| Based on this logbook and the supervisor(s) reports and feedback, I hereby confirm the completion of the required diversity and quantity of this OJT. The trainee has reached the OJT objectives for the required competence and experience in performing safe maintenance. |                 |
| Assessor's signature and name: _____  | Position: _____ |
| Date and place: _____. _____. 20_____   | Stamp: _____    |