|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Flight no: | CPL(H) 46.\_\_\_ | Trainee name & ARN: |  | | |
| Date: |  | Instructor: |  | | |
| Aircraft registration: |  | Aircraft type: |  | Flight time: |  |

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| --- |
| Lesson Overview  * Navigation route: [Enter navigation route] * **Assess** competency to conduct next solo navigation exercise |

| PRE-FLIGHT KNOWLEDGE  Long Briefing: As required. Pre-flight Briefing: 0.3 hour  Underpinning knowledge: as required | |
| --- | --- |
| Content | |
| **Long briefing** –Preparation for and overview of navigation exercise #9   * Other revision as required | |
| **Underpinning knowledge**:   * Review/expand previously introduced knowledge as required * Assess underpinning knowledge as required for the conduct of the next solo navigation exercise | |
| **HF & NTS**   * Review as required | |
| **Pre-flight briefing**   * Review flight sequences, what to expect, see & do * Check essential knowledge * Reinforce threat & error management * Reinforce significant airmanship points | |
| **Pre-flight knowledge components complete:** | **Pre-flight knowledge components complete:** |

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| --- | --- | --- |
| Performance Standard | | |
| **3** | **2** | **1** |
| Has received training in the element, however is not able to consistently demonstrate competency to the standard required for qualification issue | Demonstrates a developing level of proficiency, and is deemed safe to conduct solo practice under direct supervision | Achieves competency to the standard required for qualification issue |

| FLIGHT TRAINING  Suggested flight time [2.0 hour dual] | | | |
| --- | --- | --- | --- |
| MOS Reference | Lesson Content (Elements & Performance Criteria) | Performance  Standard | |
| Required | Achieved\* |
| **CTR.1** | **Controlled aerodrome pre-flight preparation** |  |  |
| (a) | using a current ERSA and NOTAM, for the controlled aerodrome, extract all the relevant operational information | 2 |  |
| (b) | interpret the extracted information | 2 |  |
| (c) | identify all special aerodrome procedures | 2 |  |
| (d) | check current weather forecast and local observations | 2 |  |
| (e) | identify all relevant radio and navigation aid frequencies | 2 |  |
| **CTR.2** | **Taxi aircraft at a controlled aerodrome** |  |  |
| (a) | obtain and comply with ATC clearances | 2 |  |
| (b) | manoeuvre aircraft to holding point as instructed and take appropriate action to avoid other aircraft and obstructions | 2 |  |
| (c) | recognise ground markings during taxi and take appropriate action | 2 |  |
| (d) | recognise lighting signals and take appropriate action | 2 |  |
| (e) | identify airport runway incursion hotspots | 2 |  |
| (f) | manoeuvre aircraft to avoid jet blast hazard | 2 |  |
| (g) | request taxi guidance if unsure of position | 2 |  |
| (h) | use strobes when crossing any runway | 2 |  |
| **CTR.3** | **Perform departure from controlled aerodrome** |  |  |
| (a) | receive and correctly read back an airways clearance | 2 |  |
| (b) | check and ensure runway approach is clear prior to entering a runway | 2 |  |
| (c) | correctly set transponder code and mode prior to entering runway for take-off | 2 |  |
| (d) | comply with ATC departure instructions | 2 |  |
| (e) | advise ATC as soon as possible if unable to comply with clearance | 2 |  |
| (f) | contact approach with airborne report or give departure call to tower | 2 |  |
| (g) | maintain lookout | 2 |  |
| (h) | avoid wake turbulence | 2 |  |
| (i) | comply with airways clearances within tracking and altitude tolerances and maintain traffic lookout until clear of the aerodrome control zone | 2 |  |
| **CTR.4** | **Perform arrival and landing at controlled aerodrome** |  |  |
| (a) | check ERSA and NOTAM prior to entering control area and extract required operational information | 2 |  |
| (b) | receive ATIS and correctly set the appropriate QNH | 2 |  |
| (c) | request and receive ATC clearance and set correct transponder code prior to entering control area | 2 |  |
| (d) | advise ATC as soon as possible if unable to comply with clearance | 2 |  |
| (e) | maintain lookout at all times | 2 |  |
| (f) | update QNH as required | 2 |  |
| (g) | maintain tracking tolerances | 2 |  |
| (h) | establish aircraft on the correct leg of the circuit in preparation for landing and maintain separation from traffic | 2 |  |
| (i) | confirm clearance to land | 2 |  |
| (j) | vacate runway and obtain taxi clearance | 2 |  |
| **CTA.1** | **Operate aircraft in controlled airspace** |  |  |
| (a) | comply with airways clearance requirements for operating in all classes of airspace, including lead time required for flight plan submission, contents, ‘clearance void time’, and ‘readback’ requirement | 2 |  |
| (b) | apply airways clearance requirements for entering, operating in and departing from CTA and CTR, including details that need to be provided to ATC, and what details to expect from ATC | 2 |  |
| (c) | maintain control area protection tolerances | 2 |  |
| (d) | maintain tracking and altitude tolerances when operating on an airways clearance | 2 |  |
| (e) | reconfirm any clearance items when doubt exists | 2 |  |
| (f) | advise ATC as soon as possible if unable to maintain clearance due to adverse weather conditions | 2 |  |
| (g) | follow ATC requirements for a change of level in CTA, including in an emergency situation | 2 |  |
| (h) | comply with departure, climb, transition to cruise (levelling out), cruise, change of levels, descent and visual approach procedures in CTA and CTR instructions | 2 |  |
| (i) | apply separation standards between IFR flights, and IFR and VFR flights in the various classes of CTA | 2 |  |
| (j) | perform appropriate actions in the event of the loss of radio communication in CTA and CTR | 2 |  |
| (k) | perform appropriate actions in the event of abnormal operations and emergency procedures in CTA and CTR | 2 |  |
| (l) | operate under radar vectoring procedures, including radio procedures and phraseologies | 2 |  |
| (m) | maximum permissible time interval between ATC transmissions during radar vectoring are not exceeded | 2 |  |
| (n) | perform appropriate actions in the event of abnormal operations and emergencies | 2 |  |
| (o) | recall transponder emergency code and communication failure code | 2 |  |

\*Enter the performance standard achieved if it is different to that required

Where it has not been possible to introduce performance criteria or the trainee has not achieved the required standard, the performance criteria must be covered during the next lesson. Enter these performance criteria in the lesson record for the subsequent lesson.

| CONSOLIDATION AND/OR REMEDIAL TRAINING | | | |
| --- | --- | --- | --- |
| MOS Reference | Lesson Content (Elements & Performance Criteria) | Performance  Standard | |
| Required | Achieved |
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| DEBRIEFING |
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| Content |
| * Training review and outcomes achieved against lesson objectives and the Part 61 MOS competency standards * Recommendations for next lesson (including any carryover/remedial training) * Trainee preparation for next lesson * Training record completion and sign off |

| COMMENTS AND OUTCOME | | |
| --- | --- | --- |
|  | | |
| **Proceed to next solo navigation exercise?** | **Yes** | **No** |

| Instructor’s signature & date | Trainee’s signature & date |
| --- | --- |
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