|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Flight no: | NVFR(A)2.\_\_\_\_ | Trainee name & ARN: |  | | |
| Date: |  | Instructor: |  | | |
| Aircraft registration: |  | Aircraft type: |  | Flight time: |  |

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| --- |
| Lesson Overview  * Flight during daylight hours * Navigation aid training * Revise instrument flight |

| PRE-FLIGHT KNOWLEDGE  Long Briefing: 0.8 hour Pre-flight Briefing: 0.3 hour  Underpinning knowledge: as required | |
| --- | --- |
| Content | |
| **Long briefing** – Navigation aid training   * Radio wave propagation and limitations * Navigation aids to be used, individual errors and limitations * Aeroplane antennas * Testing of navigation aids (tune, identify, test) * Monitoring of navigation aid integrity * Orientation * Homing * Tracking * Intercepting track – inbound and outbound | |
| **Underpinning knowledge**   * Review/expand previously introduced knowledge as appropriate * The requirements for   + positive radio fixing   + the most precise track guidance [NVR2 4(d)] | |
| **HF & NTS**   * The application of situational awareness to identifying real or potential environmental or operational threats to flight safety [NTS2 4(c)] * Use of checklists and standard operating procedures to prevent errors [NTS2 4(h)] | |
| **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:** | **Instructor’s signature & date** |

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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: 1.0 hour dual (0.7 IF) | | | |
| --- | --- | --- | --- |
| MOS Reference | Lesson Content (Elements & Performance Criteria) | Performance  Standard | |
| Required | Achieved\* |
| 1. NVR2.6 | Program navigation system |  |  |
|  | prepare data for transfer to approved airborne navigation system | 3 |  |
|  | navigation data is loaded and checked | 3 |  |
| 1. NVR2.7 | Select, operate and monitor navigation aids and systems |  |  |
|  | appropriate navigation aids and systems for the planned NVFR flight are selected and operated in accordance navigation aid and system requirements | 3 |  |
|  | integrity of navigation aid and systems information is monitored and maintained | 3 |  |
| 1. NVR2.9 | Navigate the aircraft under NVFR (introduction to procedures during day operations) |  |  |
|  | manages and interprets outputs of on-board navigation systems | 3 |  |
|  | aircraft position fix is determined visually or with reference to navigation aid and system | 3 |  |
|  | tracks are intercepted to and from visually or with reference to navigation aids and systems | 3 |  |
|  | track is maintained within tolerances specified in published procedures | 3 |  |
|  | station passage is recognised | 3 |  |
| 1. IFF.1 | Determine and monitor the serviceability of flight instruments and instrument power sources | 2 |  |
| 1. IFF.2 | Perform manoeuvres using full instrument panel | 2 |  |
| 1. IFF.3 | Recover from upset situations and unusual attitudes | 2 |  |
| 1. IFL.1 | Recognise failure of attitude indicator and stabilised heading indicator | 2 |  |
| 1. IFL.2 | Perform manoeuvres – limited panel | 2 |  |
| 1. IFL.3 | Recover from upset situations and unusual attitudes – limited panel | 2 |  |
| 1. IFL.4 | Re-establish visual flight | 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 training session?** | **Yes** | **No** |

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