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| --- | --- | --- | --- | --- | --- |
| Flight no: | PPL(H)15.\_\_\_ | Trainee name & ARN: |  | | |
| Date: |  | Instructor: |  | | |
| Aircraft registration: |  | Aircraft type: |  | Flight time: |  |

|  |
| --- |
| Lesson Overview  * Jammed flight controls in ground effect * Jammed flight controls in cruise |

| PRE-FLIGHT KNOWLEDGE  Long Briefing: 1.0 hour Pre-flight Briefing: 0.3 hour  Underpinning knowledge: as required | |
| --- | --- |
| Content | |
| **Long briefing** –Jammed Flight Controls   * The aerodynamics associated with jammed flight controls (secondary effects of controls, the power required curve) * Jammed flight controls drill (controls check, PAN call, passenger brief) * Jammed flight controls technique in the cruise * Jammed flight controls technique in ground effect | |
| **Underpinning knowledge** (relevant to the stage of training):   * Review/expand previously introduced knowledge as required * Helicopter aerodynamics (vector diagrams, power required curve) * Upset recovery techniques [H7(e)] | |
| **HF & NTS**   * Look out/ listen out * Carry out recurring scan of local environment for traffic prior to beginning each new exercise * Hand over / take over technique | |
| **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 hours dual] | | | |
| --- | --- | --- | --- |
| MOS Reference | Lesson Content (Elements & Performance Criteria) | Performance  Standard | |
| Required | Achieved\* |
| 1. H7.4 | Manage a jammed flight control system |  |  |
|  | jammed or malfunctioning flight control system malfunction is correctly identified | 3 |  |
|  | control of the helicopter is established and a suitable landing area is selected | 3 |  |
|  | all emergency checks are performed and a plan is formulated to achieve an approach and landing | 3 |  |
|  | emergency radio messages of intentions are transmitted; | 3 |  |
|  | a controlled landing with a jammed flight control is performed | 3 |  |
|  | situational awareness is maintained at all times during jammed flight control handling manoeuvres | 3 |  |
| 1. H7.5 | Manage a malfunction of a helicopter operating system |  |  |
|  | abnormal situations involving a helicopter system malfunction are correctly identified and confirmed | 3 |  |
|  | appropriate emergency procedures are conducted in accordance with the aircraft flight manual while maintaining control of the helicopter flight path | 3 |  |
|  | system malfunctions are managed whilst situational awareness is maintained at all times during a system malfunction | 3 |  |

\*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 |
| --- |
| 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 |
| --- | --- |
|  |  |