### Lesson Plan and Training Record

### RPL(A) 23: Consolidation

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| --- | --- | --- | --- | --- | --- |
| Flight no: | RPL (A) 23\_\_\_ | Trainee name & ARN: |  | | |
| Date: |  | Instructor: |  | | |
| Aircraft registration: |  | Aircraft type: |  | Flight time: |  |

### Lesson Overview

* Manage fuel system - fuel log, best endurance configuration, calculating endurance
* Revise:
  + forced landing – simulated partial engine failure
  + abnormal situations (e.g. simulated electrical failure)
  + stalling, wing drop at the stall, avoid spin
* Assess:
  + ‘short field’ take-off and landing
  + best angle climb
  + steep turns, sideslipping
  + recovery from unusual flight attitudes

### Pre-Flight Knowledge

* Long Briefing: as required
* Pre-flight Briefing: 0.3 hour
* Underpinning knowledge: as required.

| Content | |
| --- | --- |
| Long briefing   * as required | |
| **Underpinning knowledge**   * Review/expand previously introduced knowledge as required * Minimum equipment list [C2 4(c)], airworthiness requirements applicable to category, class or type [C2 4(d)] * Characteristics of radio waves, wave propagation, transmission and reception [C3 4(d)(i)-(v)] * Contents of the flight manual and pilot operating handbook for the aircraft being flown [A1 4(g), A4 4(g)] * Relevant sections of the AIP [A1 4(n), A3 4(q), A4 4(k), A5 4(f)] | |
| **HF & NTS**   * Undesired aeroplane state – prevention, identifying, controlling [NTS2 4(e)] * How an undesired aeroplane state can develop from unmanaged threat or error [NTS2 4(f)] * Task management [NTS2 4(i)] | |
| **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

| MOS Reference | Lesson Content (Elements & Performance Criteria) | Performance  Standard | |
| --- | --- | --- | --- |
| Required | Achieved\* |
| C2.1 | Pre-flight actions and procedures (MEL, NOTAM, GNSS RAIM information, ERSA, AIP) | 3 |  |
| C2.2 | Perform pre-flight inspection |  |  |
|  | 1. report to, and seek advice from, qualified personnel to determine the action required in relation to any identified defects or damage | 3 |  |
|  | 1. certify the aircraft flight technical log entering any defects or endorsements to permissible unserviceabilities as appropriate | 3 |  |
|  | 1. complete and certify the daily inspection (if authorised to do so) | 3 |  |
| C5.3 | Manage cargo |  |  |
|  | 1. manage loading, unloading and security of cargo during flight operations | 3 |  |
|  | 1. identify dangerous goods and apply procedures to ensure safety and security | 3 |  |
| A2.5 | Take off aeroplane from ‘short field’ |  |  |
|  | 1. calculate take-off and landing performance in accordance with the aeroplane's performance charts | 2 |  |
|  | 1. perform take-off aeroplane to achieve the minimum length take-off performance | 2 |  |
|  | 1. perform take-off aeroplane to achieve the obstacle clearance parameters | 2 |  |
| A3.1 | Climb aeroplane (best angle climb) | 2 |  |
| A5.1 | Enter and recover from stall (revise incipient stall, stall with full power, climbing, descending, turning, simulated partial & complete engine failure configurations) | 2 |  |
| A5.2 | Avoid spin |  |  |
| A5.3 | Turn aeroplane steeply | 2 |  |
| A5.4 | Sideslip aeroplane (where flight manual permits) | 2 |  |
| A6.3 | Perform forced landing (simulated)  *(revise simulated partial engine failure)* | 2 |  |
| A6.5 | Manage other abnormal situations (simulated)  *(e.g. simulated electrical failure)* | 3 |  |
| A6.6 | Recover from unusual flight attitudes  *(nose-high and nose-low)* | 2 |  |
| C4.2 | Manage fuel system |  |  |
|  | 1. accurately maintain fuel log | 3 |  |
|  | 1. calculate and state endurance at any point during flight | 3 |  |
|  | 1. configure the aircraft correctly to achieve best endurance performance and correctly calculate the revised operational endurance | 3 |  |
| A4.5 | Short landing |  |  |
|  | 1. land aeroplane at nominated touchdown point at minimum speed | 2 |  |
|  | 1. control ballooning during flare | 2 |  |
|  | 1. control bouncing after touchdown | 2 |  |
|  | 1. maintain direction after touchdown | 2 |  |
|  | 1. apply maximum braking without locking up wheels | 2 |  |
|  | 1. stops aircraft within landing distance available | 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

| 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 Outcomes | | |
| --- | --- | --- |
|  | | |
| Proceed to next training session? | Yes | No |

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