### Lesson Plan and Training Record

### CPL(A) 7: Navigation Exercise #4

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| --- | --- | --- | --- | --- | --- |
| Flight no: | CPL (A) 7.\_\_\_ | Trainee name & ARN: |  | | |
| Date: |  | Instructor: |  | | |
| Aircraft registration: |  | Aircraft type: |  | Flight time: |  |

### Lesson Overview

* CPL Navigation Exercise 4 – Navigation route: [Enter navigation route\*]
* Simulated commercial exercise, including simulated passenger and cargo management and loading
* Engine start – simulated emergency
* Critical point and point of no return calculations
* ‘Short field’ take-off and landing
* General handling - stalling, spin avoidance
* Practice forced landing – simulated partial engine failure
* Other abnormal situations - simulated electrical fire
* Basic instrument flight
* Radio navigation enroute
* Perform lost procedure

\*lesson plan scenario – OCTA (operating base) – CTA – OCTA

### Pre-Flight Knowledge

* Long Briefing: as required
* Pre-flight Briefing: as required
* Underpinning knowledge: as required

| Content | |
| --- | --- |
| Long briefing   * Preparation for and overview of exercise * Revision as required | |
| **Underpinning knowledge**   * As required | |
| **HF & NTS**   * 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: | Instructor’s signature & date |
|  |  |

|  |  |  |
| --- | --- | --- |
| 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: 2.5 hours dual (0.3 IF)

| MOS Reference | Lesson Content (Elements & Performance Criteria) | Performance  Standard | |
| --- | --- | --- | --- |
| Required | Achieved\* |
| NAV.1 | Prepare documents and flight plan |  |  |
|  | 1. calculate and document critical point (CP) and point of no return (PNR) locations | 3 |  |
| A1.1 | Start and stop engine |  |  |
|  | 1. manage engine start malfunctions and emergencies   (e.g. engine fire on start) | 2 |  |
| A2.5 | Take off aeroplane from ‘short field’ | 2 |  |
| A5.1 | Enter and recover from stall *(revise stalls from a descent, approach to land configuration, turning and complete engine failure configuration)* | 2 |  |
| A5.2 | Avoid spin *(revise wing drop at the stall from a climb and turning)* | 2 |  |
| NAV.6 | Perform lost procedure | 2 |  |
| A4.5 | Short landing | 2 |  |
| A6.5 | Manage other abnormal situations (simulated) *(simulated electrical fire)* | 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 |
| --- | --- |
|  |  |