**LESSON TE3-59: PRECAUTIONARY SEARCH AND LANDING AND SYSTEM MALFUNCTIONS– PRE-FLIGHT BRIEF**

**FLIGHT INSTRUCTOR RATING – GRADE 3 TRAINING ENDORSEMENT (Aeroplane) LESSON PLAN AND TRAINING RECORD**

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| **TRAINEE NAME:** |  | | **TRAINEE ARN:** | |  |
| **INSTRUCTOR NAME & DEMONSTRATION DATE:** |  | | **READ BACK 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 the grant of the authorisation | | Is able to achieve competency to the standard required for the grant of the authorisation on the majority of occasions. | | Achieves competency to the standard required for the grant of the authorisation. | |
| **Lesson Overview**   * Demonstration of pre-flight brief for **Precautionary Search and Landing** incorporating **Fire emergencies and System Malfunctions** * Read back of pre-flight brief for **Precautionary Search and Landing** incorporating **Fire emergencies and System Malfunctions** * The blueprint for the pre-flight brief is the operator’s approved lesson from their RPL/PPL/CPL syllabus * Lesson objectives and underpinning knowledge to be demonstrated as applicable during read back | | | | | |
| **Training Notes**   1. The trainee instructor should be able to deliver this brief to a standard acceptable for issue of the grade 3 training endorsement 2. The pre-flight brief should include review of procedures as covered in the long briefing with emphasise on low level operations and hazard awareness and management of partial engine power loss. 3. The Flight Instructor manual provides useful references for some of the subject matter that should be included in this lesson. 4. The pre-flight brief should re-inforce the basic HF/NTS considerations required for safe flight introduced in previous lessons including management of threats and errors and an undesired aircraft state. Importance of workload organisation and management using available resources to reduce workload and managing priorities in a logical and sequential manner | | | | | |

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| **MOS**  **Reference** | **Lesson Content** *(Elements & Performance Criteria)* | **Performance Standard** | |
| **Required** | **Achieved** |
| **FIR-TE3.2** | **Demonstrate understanding of principles and methods of instruction** |  |  |
| (a) | apply knowledge and application of element 3, principles and methods of instruction, described in unit FIRC (instructor rating common) in schedule 3 of Part 61 MOS. | 1 |  |
| **FIR-TE3.3** | **Demonstrate competencies of a grade 3 training endorsement** |  |  |
| (a) | apply good knowledge of the aeronautical knowledge units of competency for the RPL, PPL and CPL to the standard required for the issue of a CPL; | 1 |  |
| (c) | perform consistent management of lessons safely, efficiently and confidently; | 1 |  |
| **FIR-TE3.5** | **Develop Briefings and Plan flight training** |  |  |
| (a) | prepare a training plan that identifies each ground briefing and flight exercise required to achieve the standards for the issue of an RPL, PPL and CPL (including training required for the issue of an endorsement on an RPL). The following units and elements are to be addressed: |  |  |
|  | for aeroplanes |  |  |
|  | elements in the following units to be addressed in relevant briefings/flight exercises as applicable |  |  |
|  | (i) C1 through C5 |  |  |
|  | ground briefings and flight exercises prepared for |  |  |
|  | (xxiii) A6.4, A6.3 – Precautionary search and landing and partial engine failure | 2 |  |
|  | (xxiv) A6.5 – Fire drill and system malfunctions | 2 |  |
| (b) | identify potential threats and errors normally associated with the planned flight training and develop suitable mitigating actions for each flight exercise | 1 |  |
| **FIR-TE3.6** | **Conduct pre-flight briefing** |  |  |
| (a) | perform effective pre-flight briefings for each flight exercise in the training plan including application of standard operating procedures, demonstrating relevant performance criteria described in element FIR4.1 and FIR4.3 of unit FIR4 (conduct aeronautical knowledge training and flight training). |  |  |
|  | **FIR4.1 Plan training** |  |  |

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| **MOS**  **Reference** | **Lesson Content** *(Elements & Performance Criteria)* | **Performance Standard** | |
| **Required** | **Achieved** |
|  | (a) confirm trainee readiness for proposed training through review of training records to confirm their competency status | 1 |  |
|  | (b) identify training objectives based on performance criteria in the manual of standards and operator’s training plans; | 1 |  |
|  | (c) identify underpinning knowledge for the units and elements relevant to the lesson and confirm trainee understanding | 1 |  |
|  | (d) select appropriate training methods to facilitate training objectives and knowledge transfer | 1 |  |
|  | (e) apply threat and error management into each ground lesson; | 1 |  |
|  | (f) identify potential threats and errors in a flight lesson, including those associated with simulation of abnormal or emergency procedures or aircraft mishandling by trainee, and consider suitable mitigators; | 1 |  |
|  | (g) select appropriate training resources and confirm availability and serviceability of required facilities, equipment, training aids, reference material and the airworthiness of the training aircraft or device. | 1 |  |
|  | **FIR4.3 Conduct pre-flight briefing** |  |  |
|  | (a) confirm trainee is mentally and physically prepared for flight training; | 1 |  |
|  | (b) brief trainee on the training outcomes, the associated performance criteria and the actions required of the trainee during the flight | 1 |  |
|  | (c) link previous training to the current exercise | 1 |  |
|  | (d) brief the trainee on how the flight will be conducted to meet the training outcomes | 1 |  |
|  | (e) confirm the trainee's ability to recall the training outcomes, underpinning knowledge, handling technique and planned flight scenario | 1 |  |
|  | (f) discuss the environmental conditions and suitability for the training exercise; | 1 |  |
|  | (g) discuss threat and error management issues applicable to the proposed flight and confirm the trainee understands her or his responsibility for managing those issues (airmanship). | 1 |  |
| **MOS Ref** | **Underpinning knowledge** | | |
| **FIR-TE3** | **Grade 3 training endorsement** | | |
|  | 1. principles and methods of instruction (see unit FIRC); 2. underpinning knowledge included for the applicable units (for RPL, PPL and CPL and aircraft class rating) required for the lesson; | | |

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| **COMMENTS AND OUTCOME (INCLUDING ELEMENTS & PERFORMANCE CRITERIA THAT REQUIRE CONSOLIDATION AND/OR REMEDIAL TRAINING)** | |
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| **Instructor’s Signature & Date** | **Trainee’s Signature & Date** |
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