

## **Appendix B**

### **Draft unit – Grade 1 training endorsement - FIR-TE1**

## **FIR-TE1 Grade 1 training endorsement**

### **1 Unit description**

This unit describes the skills and knowledge required to effectively plan, conduct and administer training authorised by the grade 1 training endorsement.

### **2 Elements and performance criteria**

#### **2.1 FIR-TE1.1 – Demonstrate competencies of a Grade 1 training endorsement**

- (a) conduct all training for the issue of an RPL, PPL and CPL and all other approved training, with consistent use and application of the performance criteria described in FIR4;
- (b) demonstrate comprehensive general aeronautical knowledge;
- (c) perform expert aircraft handling without significant error;
- (d) manage all trainees, identify trainee weaknesses, provide targeted demonstrations to remedy faults, target remedial training to address the root cause of a deficiency.

#### **2.2 FIR-TE1.2 – Supervise holders of grade 2 and 3 training endorsements**

- (a) perform supervision for the conduct of aeronautical knowledge training, including Knowledge Deficiency Reports (KDR);
- (b) perform supervision for plan training;
- (c) perform supervision on the content and conduct of pre-flight briefings;
- (d) perform supervision on the conduct of airborne training and flight reviews;
- (e) perform supervision on the requirements/standards for trainee pilot first and subsequent solo flight;
- (f) perform supervision for post flight activities including de-brief and trainee administration;
- (g) identify opportunities for self-evaluation of performance and identification of areas for improvement;
- (h) perform coaching and mentoring assistance to facilitate achievement of competencies appropriate to the instructor's experience;
- (i) supervise the performance of instructors and determine the extent of any additional support to improve competency.

#### **2.3 FIR-TE1.3 – Plan training for a grade 2 training endorsement**

- (a) identify training outcomes based on prescribed performance criteria for a grade 2 training endorsement, the operator's training plans and consultation with supervisors;
- (b) plan flight training exercises to ensure an effective, efficient and safe outcome;
- (c) identify potential threats and errors, including those associated with simulation of abnormal or emergency procedures and apply suitable mitigators;

#### **2.4 FIR-TE1.4 – Deliver training for a grade 2 training endorsement**

- (a) conduct ground training
  - (i) demonstrate and monitor the conduct of KDR assessment;

- (ii) brief the conduct of a flight review;
  - (iii) describe the considerations when assessing a student pilot for first solo flight.
- (b) conduct flight training
  - (c) conduct the pre-flight and post-flight briefings (for airborne events only);
  - (d) discuss common faults and errors during a flight review;
  - (e) demonstrate, direct and monitor the conduct of a flight review;
  - (f) state and demonstrate the performance required from a student pilot in the conduct of first solo flight in an aircraft of the specified category.
  - (g) (c) describe flight test standards for a grade 2 training endorsement.
- 2.5 **FIR-TE1.5 – Deliver instructor training for basic instrument flying training (helicopter category only)**
- (a) demonstrate and monitor aeronautical knowledge training in flight instrument systems and human factors pertaining to basic instrument flight detailed in schedule 3 of Part 61 MOS;
  - (b) conduct the pre-flight and post-flight briefings (for airborne events only);
  - (c) demonstrate, direct and monitor airborne instructional technique for basic instrument flying to include all elements of units IFF and IFL detailed in schedule 2 of Part 61 MOS;
  - (d) complete post training administration in accordance with prescribed procedures.
- 2.6 **FIR-TE1.6 – Deliver instructor training for flight activity and low-level training endorsements (refer Part 61 table 61.1235 part 3) – as applicable**
- (a) demonstrate and monitor aeronautical knowledge training pertaining to particular flight activity or low-level training endorsement detailed in schedule 3 of Part 61 MOS
  - (b) conduct the pre-flight and post-flight briefings (for airborne events only);
  - (c) demonstrate, direct and monitor airborne instructional technique for flight activity and low-level training endorsements as required for the particular endorsement to be granted and detailed in part 61 MOS.
- 2.7 **FIR-TE1.7 – Grant training endorsements for items in FIR-TE1.6**
- (a) complete administration for the grant of a flight activity or low-level training endorsements in accordance with current legislation and procedures.
- 2.8 **FIR-TE1.8 – Deliver instructor training for design feature training endorsements (refer Part 61 table 61.1235 part 1) – as applicable**
- (a) demonstrate and monitor aeronautical knowledge training pertaining to particular design feature training endorsement detailed in schedule 3 of part 61 MOS;
  - (b) conduct the pre-flight and post-flight briefings (for airborne events only);
  - (c) demonstrate, direct and monitor airborne instructional technique for design feature training endorsements as required for the particular endorsement to be granted and detailed in Part 61 MOS.

**2.9 FIR-TE1.9 – Grant design feature training endorsements**

- (a) complete administration for the grant of a design feature training endorsements in accordance with current legislation and procedures.

**3 Range of variables**

- (a) activities are performed in accordance with published procedures;
- (b) aeronautical knowledge training includes units and elements of competency relevant to a RPL, PPL and CPL, flight activities, low-level endorsements and design feature endorsements;
- (c) flight training includes the units and elements authorised by the flight training endorsement(s) held by the instructor;
- (d) flight training and aircraft operation is conducted in accordance with regulatory requirements and safe operational practices and includes administrative procedures associated with authorising and recording flight training and maintaining training records;
- (e) aircraft may include:
  - (i) fixed wing (single-engine);
  - (ii) helicopter (single-engine);
  - (iii) aircraft fitted with analogue or digital flight instruments.
- (f) suitable resources may include:
  - (i) aircraft;
  - (ii) approved flight simulation training device (FSTD);
  - (iii) AIP;
  - (iv) training aids and learning resources;
  - (v) aircraft fitted with appropriate role equipment;
  - (vi) training facilities.
- (g) environmental conditions may include:
  - (i) variable weather;
  - (ii) day VFR operations;
  - (iii) CTA and OCTA airspace;
  - (iv) turbulence;
  - (v) terrain;
  - (vi) hazards and threats.

**4 Underpinning knowledge of the following:**

- (a) principles of instruction (see unit FIR4);
- (b) the underpinning knowledge included in units prescribed for RPL, PPL, CPL flight activities, low-level endorsements and design feature endorsements;
- (c) underpinning knowledge included for applicable ratings that require a flight review;

- (d) relevant sections of Civil Aviation legislation;
- (e) common risks that exist when conducting VFR operations;
- (f) instructor professionalism, including interpersonal skills, implications of being a role-model, self-reflection and self-managed professional development;
- (g) common problems that may occur when conducting flight reviews and appropriate action that should be taken in each case;
- (h) assessment and workplace training competency standards;
- (i) principles of adult teaching and learning;
- (j) human performance and limitations factors relevant to the training tasks;
- (k) psychological factors affecting satisfaction of human needs, defence mechanisms and stress management;
- (l) relevant workplace policies and procedures;
- (m) appropriate methods of analysis and training planning;
- (n) lesson planning and development;
- (o) preparation of training resources;
- (p) principles of assessment;
- (q) assessment of behaviour;
- (r) self-assessment and evaluation;
- (s) questioning techniques;
- (t) requirements for completing training documentation.