



**Australian Government**  
**Civil Aviation Safety Authority**

Instrument number CASA 107/11

I, JOHN FRANCIS McCORMICK, Director of Aviation Safety, on behalf of CASA, make this instrument under subregulation 7 (3) of the *Civil Aviation Regulations 1988* (*CAR 1988*).

A handwritten signature in black ink, appearing to read 'John F. McCormick', written over a white background.

John F. McCormick  
Director of Aviation Safety

// April 2011

**Direction — issued to delegates**

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**1 Revocation**

Instrument CASA 296/09 is revoked.

**2 Definitions**

In this instrument:

*prescribed ATO* means an ATO referred to in paragraph 3 (a).

*prescribed agricultural grade ATO* means a prescribed ATO who conducts:

- (a) a night V.F.R. rating (agricultural grade) flight test; or
- (b) an agricultural pilot rating (grade 1 or grade 2) flight test.

*prescribed balloon ATO* means a prescribed ATO who conducts:

- (a) a night V.F.R. rating (balloon grade) flight test or a flight instructor (balloon) rating flight test under regulation 5.19 of CAR 1988; or
- (b) a commercial pilot (balloon) licence flight test under paragraph 5.41 (4) (c) of CAR 1988.

*representative basic training aircraft* means a single engine aircraft (helicopter or aeroplane) that is used in helicopter or aeroplane flight tests and that is capable of operation in all normal and emergency flight sequences or manoeuvres required by the day V.F.R. syllabus and the pilot licence or rating flight test forms.

**3 Application**

This instrument applies to either of the following:

- (a) an approved testing officer (*ATO*) who is not conducting a flight test in association with a training and checking organisation approved in accordance with regulation 217 of CAR 1988;

- (b) a person holding, or performing the duties of, a position in CASA currently described as flying operations inspector or flight training examiner who is conducting a flight test for general aviation (*prescribed person*).

#### **4 Direction**

I direct that each prescribed ATO and each prescribed person must:

- (a) satisfactorily complete a CASA ATO Professional Development Program:
  - (i) within the 12 months before the expiry of his or her flight instructor rating; or
  - (ii) in the case of a prescribed ATO or prescribed person who holds a command instrument rating and to whom subparagraph (i) does not apply — every alternate year, within the 12 months before expiry of his or her command instrument rating; or
  - (iii) in the case of a prescribed agricultural grade ATO to whom subparagraph (i) or (ii) does not apply, or a prescribed balloon ATO — every alternate year on a date nominated by CASA; and
- (b) comply with the instructions set out in Schedule 1.

*Note* A *prescribed agricultural grade ATO*, who can conduct flight tests for the issue of pilot licences and ratings other than agricultural ratings, must comply with subparagraph 4 (a) (i) or (ii), whichever is applicable, by attending a scheduled Professional Development Program relating to the conduct of flight tests for those licences and ratings. He or she may also attend the Professional Development Program referred to in subparagraph 4 (a) (iii).

### **Schedule 1 Instructions**

#### **Part 1 General instructions**

General instructions have a prefix **GEN** and apply to all flight tests.

- GEN 1 Only emergency and abnormal systems failures listed in the test aircraft pilot operating handbook are to be simulated by a prescribed ATO or a prescribed person during the flight component.
- GEN 2 A prescribed ATO or a prescribed person must not introduce simultaneous multiple unrelated simulated emergency or abnormal situations during the flight.
- GEN 3 After a simulated failure, the prescribed ATO or a prescribed person must ensure the aircraft is configured back to a normal operating mode before another simulated failure may be introduced, except where the simulated failures are linked (e.g. electrical failure leading to flapless approach and landing).
- GEN 4 Except in the case of a command instrument rating flight test conducted in accordance with the provisions of subsection 12A of CAO 40.2.1, a night V.F.R. rating (balloon grade) flight test, a flight instructor (balloon) rating flight test or a commercial pilot (balloon) licence flight test, a prescribed ATO or a prescribed person must ensure that the ground component of a flight test is successfully completed prior to conducting the preflight briefing and flight component of a flight test.
- GEN 5 A prescribed ATO or a prescribed person must not trip circuit breakers as a means of introducing systems or component failure unless this is specifically permitted in the aircraft flight manual.

## Part 2 Specific flight test instructions

### General flying progress test

General flying progress test instructions have a prefix **GFPT** and apply to all GFPT flight tests.

GFPT 1 A prescribed ATO or a prescribed person must ensure that the flight component is conducted by day under the V.F.R. in V.M.C. conditions.

### Private pilot licence

Private pilot licence instructions have a prefix **PPL** and apply to all PPL flight tests.

PPL 1 A prescribed ATO or a prescribed person must ensure that the flight component is conducted by day under the V.F.R. in V.M.C. conditions.

PPL 2 A prescribed ATO or a prescribed person must not accept the output of computer-based flight planning software when used to generate the flight plan, fuel requirements or aircraft performance information/data for the flight component of the flight test.

PPL 3 A prescribed ATO or a prescribed person must not use the flight test for the addition of any other qualification or training privilege for the applicant.

### Commercial pilot licence

Commercial pilot licence instructions have a prefix **CPL** and apply to all CPL flight tests.

CPL 1 A prescribed ATO or a prescribed person must ensure that the flight component is conducted by day under the V.F.R. in V.M.C. conditions.

CPL 2 A prescribed ATO or a prescribed person must not accept the output of computer-based flight planning software, when used to generate the flight plan, fuel requirements or aircraft performance information/data for the flight component of the flight test.

CPL 3 Except in the case of commercial pilot (balloon) flight tests, a prescribed ATO or a prescribed person must not use the flight test for the addition of any other qualification or training privilege for the applicant.

### Night V.F.R.

Night visual flight rules instructions have a prefix **NVFR** and apply to all NVFR flight tests.

NVFR 1 If the flight test is conducted in a multi-engine aeroplane, the simulated in-flight emergencies introduced by a prescribed ATO or a prescribed person must include a simulated engine failure in the cruise only, and not below 1 500 feet AGL.

## Command instrument rating

Command instrument rating instructions have a prefix **CIR** and apply to all CIR flight tests.

- CIR 1 A prescribed ATO or a prescribed person must ensure that the flight component is conducted under the Instrument Flight Rules.
- CIR 2 A prescribed ATO or a prescribed person must conduct all asymmetric procedures identified to be tested on the flight test form in daylight hours.
- CIR 3 A prescribed ATO or a prescribed person must not use the flight test for the addition of any other qualification or training privilege for the applicant, other than the addition of navigation aids.

## Part 3 Flight instructor rating — general instructions

Flight instructor rating — general instructions have a prefix **FIR GEN** and apply to all flight tests for flight instructor ratings, that is, initial issue and renewals (aeroplane, balloon and helicopter).

- FIR GEN 1 The flight test must not embrace training for the prescribed ATO or the prescribed person conducting the flight test (e.g. conversion training or systems training).
- FIR GEN 2 A prescribed ATO or a prescribed person is to give the applicant the preflight briefing sequence on the day of the flight test.
- FIR GEN 3 A prescribed ATO or a prescribed person must complete and debrief the ground component of the flight test prior to commencing the flight component of the flight test. The flight component includes the preflight briefing. This requirement does not apply to flight instructor (balloon) rating flight tests. For flight instructor (balloon) rating flight tests, the flight component of the flight test may be conducted prior to commencing the ground component of the flight test.
- FIR GEN 4 A prescribed ATO or a prescribed person must not give credits for an item of the ground component of the flight test if the ground component of the flight test is terminated due to failure of an item.
- FIR GEN 5 A prescribed ATO or a prescribed person must not give credits for an item of the flight component of the flight test if the flight component of the flight test is terminated due to failure of an item.
- FIR GEN 6 A prescribed ATO or a prescribed person must terminate the flight test at the point where a fail assessment is made. This applies to both the ground and the flight components.
- FIR GEN 7 A prescribed ATO or prescribed person must ensure that the aircraft to be used for the flight component is an aircraft that the applicant would be qualified to operate when exercising the privileges of the rating being applied for.

## Part 4 Flight instructor rating — specific instructions

### Flight instructor rating grade 1 — initial issue

Flight instructor rating grade 1 — initial issue instructions have a prefix **FIR GR 1** and apply to all flight tests for the initial issue of a flight instructor rating grade 1 (aeroplane or helicopter).

- FIR GR 1 1 A prescribed ATO or a prescribed person must ensure that the aircraft to be used for the flight component is a representative basic training aircraft.
- FIR GR 1 2 A prescribed ATO or a prescribed person must not use the flight test for the addition of any other qualification or training privilege for the applicant.
- FIR GR 1 3 A prescribed ATO or a prescribed person is to give the applicant a long briefing sequence that is based on the day V.F.R. syllabus on the day of the flight test.
- FIR GR 1 4 A prescribed ATO or a prescribed person must ensure that the flight component is conducted in daylight under the V.F.R. in V.M.C. conditions.

### Flight instructor rating (aeroplane) grade 2 — initial issue

Flight instructor rating grade 2 — initial issue instructions have a prefix **FIR GR 2** and apply to all flight tests for the initial issue of a flight instructor rating grade 2 (aeroplane only).

- FIR GR 2 1 A prescribed ATO or a prescribed person must ensure that the aircraft to be used for the flight component is a representative basic training aeroplane.
- FIR GR 2 2 A prescribed ATO or a prescribed person must not use the flight test for the addition of any other qualification or training privilege for the applicant.
- FIR GR 2 3 A prescribed ATO or a prescribed person is to give the applicant a long briefing sequence from the flight instructor training syllabus, as included in Civil Aviation Order 40.1.7 (*CAO 40.1.7*), on the day of the flight test.
- FIR GR 2 4 A prescribed ATO or a prescribed person must ensure that the flight component is conducted in daylight under the V.F.R. in V.M.C. conditions.

## Flight instructor rating grade 3 (aeroplane) and grade 2 (helicopter) — initial issue

Flight instructor rating grade 3 (aeroplane) and grade 2 (helicopter) — initial issue instructions have a prefix **FIR GR 3** and apply to all flight tests for the initial issue of a flight instructor rating grade 3 (aeroplane) and grade 2 (helicopter).

- FIR GR 3 1 A prescribed ATO or a prescribed person must ensure that the aircraft to be used for the flight component is a representative basic training aircraft.
- FIR GR 3 2 A prescribed ATO or a prescribed person must not use the flight test for the addition of any other qualification or training privilege for the applicant.
- FIR GR 3 3 A prescribed ATO or a prescribed person is to give the applicant a long briefing sequence from the flight instructor training syllabus, as included in CAO 40.1.7 (aeroplanes) or Civil Aviation Order 40.3.7 (helicopters), on the day of the flight test.
- FIR GR 3 4 A prescribed ATO or a prescribed person must ensure that the flight component is conducted in daylight under the V.F.R. in V.M.C. conditions.

## Flight instructor rating — renewal

Flight instructor rating — renewal instructions have a prefix **FIR REN** and apply to all flight tests for the renewal of a flight instructor rating (aeroplane, balloon and helicopter).

- FIR REN 1 The flight test for the renewal of an instructor rating must include a long briefing on a sequence nominated by a prescribed ATO or a prescribed person.
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