

## SECTION O NIGHT VFR RATING

### Appendix O.1 Night VFR rating flight test

#### 1. Flight test requirements

An applicant for a night VFR rating flight test must demonstrate the following:

- (a) knowledge of the topics listed in clause 2, which are relevant to the endorsements that are being assessed during the test;
- (b) ability to conduct the activities and manoeuvres mentioned in clause 3, within the operational scope and under the conditions mentioned in clause 4, to the competency standards required under section 12 of this MOS, which are relevant to the endorsements that are being assessed during the flight test.

#### 2. Knowledge requirements

For paragraph 1 (a), the topics are the following topics:

- (a) privileges and limitations of the night VFR rating and the night VFR endorsement that is covered by the flight test;
- (b) flight review requirements;
- (c) night recency requirements;
- (d) night VFR operations;
- (e) interpreting operational and meteorological information;
- (f) ground and aircraft lighting requirements;
- (g) use of instrument and navigation systems;
- (h) take-off minima;
- (i) holding and alternate requirements;
- (j) operational requirements and procedures for all airspace classifications;
- (k) operations below LSALT and MSA for night operations;
- (l) GNSS and PBN standards;
- (m) hazardous weather conditions;
- (n) ERSA normal and emergency procedures;
- (o) night VFR planning.

#### 3. Activities and manoeuvres

*Note* For paragraph 1 (b), the flight test includes all of the following activities and manoeuvres. The sequence set out here is not necessarily intended to direct the order of activities and manoeuvres.

##### 3.1 Pre-flight

*Note* The relevant competency standards are in unit codes NVR2 and NVR3.

- (a) plan a night VFR flight;
- (b) perform pre-flight actions and procedures.

##### 3.2 Ground operations, take-off, departure and climb

*Note* The relevant competency standards are in unit codes IFF, NVR1, NVR2 and NVR3.

- (a) complete all relevant checks and procedures;
- (b) plan, brief and conduct take-off and departure procedures;
- (c) conduct a take-off and departure from an aerodrome which is remote from ground lighting.

##### 3.3 En route cruise

*Note* The relevant competency standards are in unit codes NVR2 and NVR3.

- (a) navigate en route using visual tracking and visual position fixes;
- (b) navigate en route using ground-based and satellite-based navigation systems;
- (c) perform ground-based and satellite-based navigation system integrity checks;
- (d) identify and avoid hazardous weather conditions (may be simulated).

**3.4 Test specific activities and manoeuvres**

*Note* The relevant competency standards are in unit codes IFF, IFL, NVR1, NVR2 and NVR3.

- (a) perform full panel and limited panel instrument flying;
- (b) recover from at least 2 different unusual aircraft attitudes, including the following:
  - (i) 1 recovery using a full instrument panel;
  - (ii) 1 recovery using a limited instrument panel;
- (c) manage a cockpit lighting failure;
- (d) for the grant of a multi-engine aeroplane night VFR endorsement — manage an engine failure in a multi-engine aeroplane during the cruise;
- (e) for the grant of a multi-engine helicopter night VFR endorsement — manage an engine failure in a multi-engine helicopter during the cruise.

**3.5 Descent and arrival**

*Note* The relevant competency standards are in unit codes NVR2 and NVR3.

- (a) conduct a descent and perform a visual approach procedure to an aerodrome;
- (b) plan and conduct an arrival and circuit joining procedures.

**3.6 Circuit, approach and landing**

*Note* The relevant competency standards are in unit codes NVR1, NVR2 and NVR3.

- (a) conduct a normal circuit pattern, approach and landing;
- (b) conduct an approach and landing at an aerodrome which is remote from ground lighting;
- (c) land with and without landing lights;
- (d) conduct a go-around procedure;
- (e) perform after landing actions and procedures.

**3.7 Shut down and post-flight**

*Note* The relevant competency standards are in unit code NVR1.

- (a) park, shutdown and secure the aircraft;
- (b) complete post-flight administration.

**3.8 General requirements**

*Note* The relevant competency standards are in unit codes NTS1, NTS2, NVR1, NVR2 and NVR3.

- (a) maintain an effective lookout;
- (b) maintain situational awareness;
- (c) assess situations and make appropriate decisions;
- (d) set priorities and manage tasks effectively;
- (e) maintain effective communication and interpersonal relationships;
- (f) recognise and manage threats;
- (g) recognise and manage errors;
- (h) recognise and manage undesired aircraft states;
- (i) communicate effectively using appropriate procedures for the airspace being used during the flight;
- (j) manage the aircraft systems required for the flight;
- (k) manage the fuel system and monitor the fuel plan and fuel usage during the flight.

**4. Operational scope and conditions****4.1** The following operational scope applies to the flight test:

- (a) managing an aircraft system, which is not required for the flight, is not an assessable item unless the applicant uses the system during the flight;
- (b) conduct a night VFR operation;
- (c) conduct a night departure, en route sectors, a night VFR arrival, visual approach and landing;
- (d) conduct a night VFR operation at an aerodrome that is remote from ground lighting;

- (e) for the grant of a night VFR rating — operating under the night VFR:
  - (i) in the following:
    - (A) Class G airspace;
    - (B) controlled airspace; and
  - (ii) at the following:
    - (A) a non-towered aerodrome;
    - (B) a controlled aerodrome;
- (f) for the grant of an additional night VFR endorsement — there are no airspace or aerodrome requirements;
- (g) emergencies and abnormal situations relating to aircraft systems, powerplants and the airframe are simulated and limited to those described in the AFM.

**4.2** The following conditions apply to the flight test and the applicant as applicable:

- (a) activities and manoeuvres are performed in accordance with published procedures;
- (b) conducted in an aircraft that is relevant to the night VFR endorsement covered by the flight test or a flight simulator that is approved for the purpose;
- (c) if the flight test is conducted in an aircraft, it must be certified for operations conducted under the night VFR and be appropriately equipped according to the requirements for the night VFR endorsement included in the test;
- (d) for the grant of a night VFR rating — the flight must include:
  - (i) operating in Class G airspace; and
  - (ii) operating at a non-towered aerodrome; and
  - (iii) operating at an aerodrome that is remote from ground lighting; and
- (e) if the area where the test is conducted does not have, or have available, controlled airspace or a controlled aerodrome, operating in controlled airspace or at a controlled aerodrome may be simulated as applicable.