

## SECTION H PRIVATE PILOT LICENCE (PPL)

### Appendix H.1 PPL Aeroplane category rating flight test

#### 1. Flight test requirements

An applicant for a private pilot licence with aeroplane category rating flight test must demonstrate the following:

- (a) knowledge of the topics listed in clause 2;
- (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 flight test.

#### 2. Knowledge requirements

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

- (a) privileges and limitations of the private pilot licence with aeroplane category rating;
- (b) applicability of drug and alcohol regulations;
- (c) aircraft instrument requirements for VFR operations;
- (d) emergency equipment requirements;
- (e) requirements for landing areas and aerodromes;
- (f) GNSS and its use in VFR navigation;
- (g) fuel planning and oil requirements for the flight;
- (h) loading and unloading fuel;
- (i) managing passengers and the carriage of cargo;
- (j) aircraft loading system;
- (k) aircraft performance and landing calculations;
- (l) pilot maintenance authorisations;
- (m) aircraft speed limitations;
- (n) aircraft systems.

#### 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 C2, C4 and NAV.

- (a) perform pre-flight actions and procedures;
- (b) perform a pre-flight inspection;
- (c) refuel an aeroplane (may be assessed by questioning).

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

*Note* The relevant competency standards are in unit codes A1, A2, A3, C3, IFF and NAV.

- (a) complete all relevant checks and procedures;
- (b) taxi an aeroplane;
- (c) plan, brief and conduct take-off and departure procedures;
- (d) conduct a cross-wind take-off;
- (e) conduct a short-field take-off;
- (f) conduct climbs on a constant heading and climbing turns, including at least 2 of the following:
  - (i) maximum rate climb;
  - (ii) maximum angle climb;
  - (iii) cruise climb.

##### 3.3 En route cruise

*Note* The relevant competency standards are in unit codes A3, NAV and RNE.

- (a) maintain straight and level flight, and turn aeroplane;

- (b) navigate en route;
- (c) establish and maintain cruise flight for at least 1 of the following conditions:
  - (i) turbulence;
  - (ii) holding;
  - (iii) range;
- (d) navigate at low level;
- (e) perform a lost recovery procedure;
- (f) perform a diversion procedure;
- (g) navigate using instrument navigation systems.

### 3.4 Test specific activities and manoeuvres

*Note* The relevant competency standards are in unit codes A1, A5, A6, C3 and IFF.

- (a) enter and recover from each of the following, 1 of which must be in the approach configuration:
  - (i) a fully developed stall;
  - (ii) a wing drop at the stall;
- (b) conduct steep level turns of at least 45° angle of bank;
- (c) perform full panel instrument flying;
- (d) using a full instrument panel, recover from at least 2 different unusual aircraft attitudes;
- (e) manage an engine failure after take-off;
- (f) conduct a precautionary search;
- (g) manage the following malfunctions:
  - (i) a malfunction during start or shutdown; and
  - (ii) any 1 of the following that is not performed under subparagraph (i):
    - (A) an aircraft system malfunction;
    - (B) engine or cabin fire;
    - (C) radio failure;
- (h) perform a forced landing.

### 3.5 Descent and arrival

*Note* The relevant competency standards are in unit codes A3 and NAV.

- (a) conduct descents maintaining a constant heading and descending turns;
- (b) plan and conduct aerodrome arrival and circuit joining procedures.

### 3.6 Circuit, approach and landing

*Note* The relevant competency standards are in unit codes A3, A4 and A6.

- (a) conduct a normal circuit pattern, approach and landing;
- (b) conduct a cross-wind landing;
- (c) conduct short-field and flapless approaches and landings;
- (d) perform 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 codes A1 and C2.

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

### 3.8 General requirements

*Note* The relevant competency standards are in unit codes C1, C3, C4, C5, CTA, CTR, OGA, ONTA, NAV, NTS1 and NTS2.

- (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) operate in controlled airspace;
- (j) operate in Class G airspace;
- (k) operate at a controlled aerodrome;
- (l) operate at a non-towered aerodrome;
- (m) communicate effectively using appropriate procedures for the airspace being used during the test;
- (n) manage the aircraft systems required for the flight;
- (o) manage the fuel system and monitor the fuel plan and fuel usage during the flight;
- (p) manage passengers and the carriage of cargo.

#### **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) simulated carriage of passengers and cargo;
- (c) a simulated private cross-country operation;
- (d) operating in Class G and controlled airspace;
- (e) operating at a non-towered and a controlled aerodrome;
- (f) 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:

- (a) activities and manoeuvres are performed in accordance with published procedures;
- (b) conducted in an aeroplane;
- (c) conducted by day under the VFR;
- (d) the flight must include:
  - (i) operating in Class G airspace and in controlled airspace; and
  - (ii) operating at a non-towered aerodrome and a controlled aerodrome;
- (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;
- (f) if the aerodrome cross-wind conditions for the runway used during the test are less than 70% of the maximum in the AFM, evidence that the applicant has demonstrated competency performing cross-wind take-off and landing manoeuvres may be taken from the applicant's training records.

## **Appendix H.2 PPL Helicopter category rating flight test**

### **1. Flight test objective**

An applicant for a private pilot licence with helicopter category rating flight test must demonstrate the following:

- (a) knowledge of the topics listed in clause 2;
- (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 flight test.

### **2. Knowledge requirements**

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

- (a) privileges and limitations of the private pilot licence with helicopter category rating;
- (b) applicability of drug and alcohol regulations;
- (c) aircraft instrument requirements for VFR operations;
- (d) emergency equipment requirements;

- (e) requirements for landing areas and aerodromes;
- (f) GNSS and its use in VFR navigation;
- (g) fuel planning and oil requirements for the flight;
- (h) loading and unloading fuel;
- (i) managing passengers and the carriage of cargo;
- (j) aircraft loading system;
- (k) aircraft performance and landing calculations;
- (l) pilot maintenance authorisations;
- (m) aircraft speed limitations;
- (n) aircraft systems.

### 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 C2, C4 and NAV.

- (a) perform pre-flight actions and procedures;
- (b) perform a pre-flight inspection;
- (c) refuel a helicopter (may be assessed by questioning).

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

*Note* The relevant competency standards are in unit codes H1, H2, H3, H4, H5, IFF and NAV.

- (a) complete all relevant checks and procedures;
- (b) lift-off and hover a helicopter;
- (c) taxi a helicopter;
- (d) air transit a helicopter;
- (e) plan, brief and conduct take-off and departure procedures;
- (f) conduct climbs on a constant heading and climbing turns, including at least 2 of the following:
  - (i) maximum rate climb;
  - (ii) maximum angle climb;
  - (iii) cruise climb.

#### 3.3 En route cruise

*Note* The relevant competency standards are in unit codes H5, NAV, RNE.

- (a) maintain straight and level flight, and turn a helicopter;
- (b) navigate en route;
- (c) navigate at low-level;
- (d) perform a lost recovery procedure;
- (e) perform a diversion procedure;
- (f) navigate using instrument navigation systems.

#### 3.4 Test specific activities and manoeuvres

*Note* The relevant competency standards are in unit codes H2, H6, H7 and IFF.

- (a) hover a helicopter in cross-wind and tailwind conditions and perform turns around 1 of the following:
  - (i) rotor mast;
  - (ii) helicopter nose;
  - (iii) helicopter tail;
- (b) perform sideways and backwards flight;
- (c) conduct steep level turns of at least 45° angle of bank;
- (d) perform full panel instrument flying;
- (e) using a full instrument panel, recover from at least 2 different unusual aircraft attitudes;
- (f) perform an autorotative flight manoeuvre;

- (g) land on and lift off from sloping ground;
- (h) land, manoeuvre, and take off in a confined area;
- (i) execute a limited power take-off, approach and landing;
- (j) perform a forced landing;
- (k) manage an engine failure during hover or taxi;
- (l) manage a control or tail rotor malfunction in flight and at the hover;
- (m) manage at least 1 of the following:
  - (i) an engine fire;
  - (ii) electrical failure;
  - (iii) hydraulic system malfunction;
  - (iv) airframe fuel system malfunction;
  - (v) engine governor system malfunction.

### 3.5 Descent and arrival

*Note* The relevant competency standards are in unit codes H5 and NAV.

- (a) conduct descents maintaining a constant heading and descending turns;
- (b) plan and conduct an aerodrome or helicopter landing site arrival and circuit joining procedures.

### 3.6 Circuit, approach and landing

*Note* The relevant competency standards are in unit codes H3, H4 and H5.

- (a) conduct a normal circuit pattern, approach and landing;
- (b) conduct an approach to the hover;
- (c) conduct a helicopter air transit;
- (d) perform a go-around procedure.

### 3.7 Shut down and post-flight

*Note* The relevant competency standards are in unit code C2.

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

### 3.8 General requirements

*Note* The relevant competency standards are in unit codes H5, C1, C3, C4, C5, H5, CTA, CTR, ONTA, OGA, NAV, NTS1 and NTS2.

- (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) operate in controlled airspace;
- (j) operate in Class G airspace;
- (k) operate at a controlled aerodrome;
- (l) operate at a non-towered aerodrome;
- (m) communicate effectively using appropriate procedures for the airspace being used during the test;
- (n) manage the aircraft systems required for the flight;
- (o) manage the fuel system and monitor the fuel plan and fuel usage during the flight;
- (p) manage passengers and the carriage of cargo.

#### **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) simulated carriage of passengers and cargo;
- (c) a simulated private cross-country operation;
- (d) operating in Class G airspace and controlled airspace;
- (e) operating at a non-towered aerodrome and a controlled aerodrome;
- (f) emergencies and abnormal situations relating to aircraft systems, powerplants and the airframe are simulated and limited to those described in the AFM;
- (g) activities and manoeuvres involving instrument flying or instrument navigation systems are only included if the aircraft is appropriately fitted and the flight examiner chooses to include them in the test.

**4.2** The following conditions apply to the flight test:

- (a) activities and manoeuvres are performed in accordance with published procedures;
- (b) conducted in a helicopter;
- (c) conducted by day under the VFR;
- (d) the flight must include:
  - (i) operating in Class G airspace and in controlled airspace; and
  - (ii) operating at a non-towered aerodrome and a controlled aerodrome;
- (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;
- (f) assessment of competency for activities and manoeuvres that require the applicant to operate the helicopter in cross-wind and tailwind conditions may be taken from the applicant's training records if the conditions are insufficient.

#### **Appendix H.3 PPL Powered-lift category rating flight test**

**RESERVED**

#### **Appendix H.4 PPL Gyroplane category rating flight test**

**RESERVED**

#### **Appendix H.5 PPL Airship category rating flight test**

**RESERVED**