

SECTION L AIRCRAFT RATINGS**Appendix L.1 Single-engine aeroplane class rating flight test****1. Flight test requirements**

1.1 An applicant for a single-engine aeroplane class 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.

1.2 An applicant who completes a flight test in an aeroplane covered by the single-engine aeroplane class rating and meets the flight test standard for the grant of a pilot licence with aeroplane category rating is taken to meet these flight test requirements.

2. Knowledge requirements

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

- (a) privileges and limitations of the class rating;
- (b) flight review requirements;
- (c) navigation and operating systems;
- (d) normal, abnormal and emergency flight procedures;
- (e) operating limitations;
- (f) weight and balance limitations;
- (g) aircraft performance data, including take-off and landing performance data;
- (h) flight 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 C2 and C4.

- (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 and IFF.

- (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 in at least 2 of the following performance configurations:
 - (i) cruise climb;
 - (ii) maximum rate climb;
 - (iii) maximum angle climb.

3.3 En route cruise

Note The relevant competency standards are in unit code A3.

- (a) maintain straight and level flight, and turn an aeroplane;
- (b) navigate and transit from an aerodrome circuit area to a training area and return;
- (c) operate safely in local area airspace;
- (d) establish and maintain cruise flight for at least 1 of the following conditions:
 - (i) turbulence;