

## SECTION Q LOW-LEVEL RATING

### Appendix Q.1 Low-level rating flight test

#### 1. Flight test requirements

An applicant for a low-level 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 that are relevant to the endorsements that are being assessed during the test.

#### 2. Knowledge requirements

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

- (a) privileges and limitations of a low-level rating and each of the endorsements included in the test;
- (b) flight review requirements;
- (c) the limitations of GNSS;
- (d) wind effect at low level and associated flying conditions;
- (e) analysis of actual and forecast weather relevant to low-level operations;
- (f) effect of mountainous terrain on airflow and associated flying conditions;
- (g) assessment of the geographical characteristics of an area where flying operations are to be conducted to ensure the task can be completed safely;
- (h) hazards associated with low flying and how to identify them prior to and during a low-level operation;
- (i) effects of extreme environmental conditions on pilot health and performance;
- (j) effects of fatigue and physical health on pilot performance;
- (k) risk assessment techniques;
- (l) managing risks at low level;
- (m) aircraft performance, including:
  - (i) maximum rate turning; and
  - (ii) minimum radius turning; and
  - (iii) best angle of climb; and
  - (iv) best rate of climb; and
  - (v) 1 engine inoperative performance and helicopter manoeuvring (if applicable).

#### 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, LL-A and LL-H.

- (a) plan a low-level operation;
- (b) identify hazards and manage risks;
- (c) ensure performance capability of the aircraft;
- (d) consult and brief all stakeholders about the proposed operation;
- (e) perform pre-flight actions and procedures.

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

*Note* The relevant competency standards are in unit codes A1, A2, A3, C3, H1, H2, H3, H4, H5, and NAV.

- (a) complete all relevant checks and procedures;
- (b) plan, brief and conduct take-off and departure procedures.

##### 3.3 En route cruise

*Note* The relevant competency standards are in unit codes A3, H5, LL-A, LL-H and NAV.