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Record of versions

Version number	Date of revision	Topics
1.0	02/12/2015	Initial version

When to use this report?

In case of reporting a skill test for a commercial pilot licence for helicopters.

Content of the report

1. The helicopter used for the skill test shall meet the requirements for training helicopters.

2. The area and route to be flown shall be chosen by the FE and all low level and hover work shall be at an approved aerodrome/site. Routes used for section 3 may end at the aerodrome of departure or at another aerodrome and one destination shall be a controlled aerodrome. The skill test may be conducted in 2 flights. The total duration of the flight(s) shall be at least 90 minutes.

3. The applicant shall demonstrate the ability to:

(a) operate the helicopter within its limitations;

(b) complete all manoeuvres with smoothness and accuracy;

(c) exercise good judgement and airmanship;

(d) apply aeronautical knowledge; and

(e) maintain control of the helicopter at all times in such a manner that the successful outcome of a procedure or manoeuvre is never seriously in doubt.

Flight test tolerances

4. The following limits shall apply, corrected to make allowance for turbulent conditions and the handling qualities and performance of the helicopter used.

Height	
normal flight	± 100 feet
simulated major emergency	± 150 feet
Tracking on radio aids	± 10°
Heading	
normal flight	± 10°
simulated major emergency	± 15°
Speed	
take-off and approach multi-engine	± 5 knots
all other flight regimes	± 10 knots
Ground drift	
T.O. hover I.G.E	± 3 feet
Landing	no sideways or backwards movement

APPLICANT'S NAME: .....

Use of the helicopter checklists, airmanship, control of the helicopter by external visual reference, anti-icing procedures and principles of threat and error management apply in all sections.

	SECTION 1. PRE-FLIGHT/POST-FLIGHT CHECKS AND PROCEDURES	Examiner's initials when test/check completed
a	Helicopter knowledge, (e.g. technical log, fuel, mass and balance, performance), flight Planning, documentation, NOTAMS, weather	
b	Pre-flight inspection/action, location of parts and purpose	
c	Cockpit inspection, starting procedure	
d	Communication and navigation equipment checks, selecting and setting frequencies	
e	Pre-take-off procedure, R/T procedure, ATC liaison-compliance	
f	Parking, Shutdown and Post-flight procedure	

SECTION 1. Passed ☐ Failed ☐

	SECTION 2. HOVER MANOEUVRES, ADVANCED HANDLING AND CONFINED AREAS	Examiner's initials when test/check completed
a	Take-off and landing, (lift off and touch down)	
b	Taxi, hover taxi	
c	Stationary hover with head/cross/tail wind	
d	Stationary hover turns, 360º left and right (spot turns)	
e	Forward, sideways and backwards hover manoeuvring	
f	Simulated engine failure from the hover	
g	Quick stops into and downwind	
h	Sloping ground/unprepared sites landings and take-offs	
i	Take-offs (various profiles)	
j	Crosswind, downwind take-off (if practicable)	
k	Take-off at maximum take-off mass (actual or simulated)	
l	Approaches (various profiles)	
m	Limited power take-off and landing	
n	Autorotations (FE to select two items from - Basic, range, low speed, and 360° turns)	
o	Autorotative landing	
p	Practice forced landing with power recovery	
q	Power checks, reconnaissance technique, approach and departure technique	

SECTION 2. Passed ☐ Failed ☐

APPLICANT'S NAME: .....

Use of the helicopter checklists, airmanship, control of the helicopter by external visual reference, anti-icing procedures and principles of threat and error management apply in all sections.

	SECTION 3. NAVIGATION - EN-ROUTE PROCEDURES	Examiner's initials when test/check completed
a	Navigation and orientation at various altitudes/heights, map reading	
b	Altitude/height, speed, heading control, observation of airspace, altimeter setting	
c	Monitoring of flight progress, flight log, fuel usage, endurance, ETA, assessment of track error and re-establishment of correct track, instrument monitoring	
d	Observation of weather conditions, diversion planning	
e	Tracking, positioning (NDB and/or VOR), identification of facilities	
f	ATC liaison and observance of regulations, etc.	

SECTION 3. Passed ☐ Failed ☐

	SECTION 4. FLIGHT PROCEDURES AND MANOEUVRES BY SOLE REFERENCE TO INSTRUMENTS	Examiner's initials when test/check completed
a	Level flight, control of heading, altitude/height and speed	
b	Rate 1 level turns onto specified headings, 180º to 360º left and right	
c	Climbing and descending, including turns at rate 1 onto specified headings	
d	Recovery from unusual attitudes	
e	Turns with 30º bank, turning up to 90º left and right	

SECTION 4. Passed ☐ Failed ☐

APPLICANT'S NAME: .....

Use of the helicopter checklists, airmanship, control of the helicopter by external visual reference, anti-icing procedures and principles of threat and error management apply in all sections.

	SECTION 5. ABNORMAL AND EMERGENCY PROCEDURES	Examiner's initials when test/check completed
Note (1) Where the test is conducted on a multi-engine helicopter a simulated engine failure drill, including a single engine approach and landing shall be included in the test.		
Note (2) The FE shall select 4 items from the following:		
a	Engine malfunctions, including governor failure, carburetor/engine icing, oil system, as appropriate	
b	Fuel system malfunction	
c	Electrical system malfunction	
d	Hydraulic system malfunction, including approach and landing without hydraulics, as applicable	
e	Main rotor and/or anti-torque system malfunction (flight simulator or discussion only)	
f	Fire drills, including smoke control and removal, as applicable	
g	Other abnormal and Emergency procedures as outlined in appropriate flight manual and with reference to Appendix 3 to JAR-FCL 2.240, sections 7 and 8, including for multi-engine helicopters: - Simulated engine failure at take-off: - rejected take-off at or before TDP or safe forced landing at or before DPATO - shortly after TDP or DPATO - Landing with simulated engine failure: - landing or go-around following engine failure before LDP or DPBL - following engine failure after LDP or safe forced landing after DPBL	

SECTION 5. Passed ☐ Failed ☐