




 Ente Nazionale per l'Aviazione Civile	CPL H	<input type="checkbox"/> SINGLE ENGINE
	INITIAL ISSUE SKILL TEST	
 	CHECK LIST Ref: Appendix 4 Part FCL Reg. 1178/2011	<input type="checkbox"/> MULTI ENGINE

A	APPLICANT DETAILS				
Applicant last name(s)		Licence type		Licence number	
Applicant first name(s)		ID card nr.		Signature	



CPL			CPL(H) SKILL TEST				
MANOEUVRES / PROCEDURES			FSTD	H	PASS	FAIL	N/A
0	SECTION 0 - THEORETICAL KNOWLEDGE						
0.1	Theoretical knowledge	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Examiner initials							

1	SECTION 1 - PRE-FLIGHT / POST-FLIGHT CHECKS AND PROCEDURES						
1.1	Helicopter knowledge, including but not limited to: <ul style="list-style-type: none">Technical logFuelMass and balancePerformance Flight planning Documentation NOTAMS Weather assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.2	Pre-flight inspection/action, location of parts and specific purpose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.3	Cockpit inspection Starting procedure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.4	Communication and navigation equipment checks Frequency set up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5	Pre-take-off procedure R/T procedure ATC liaison-compliance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.6	Parking Shutdown Post-flight procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Examiner initials							



2	SECTION 2 - HOVER MANOEUVRES, ADVANCED HANDLING AND CONFINED AREAS						
2.1	Take-off and landing (lift-off and touchdown)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2	Taxi, hover taxi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3	Stationary hover with head / cross / tail wind	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Examiner initials							

Applicant name _____



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MANOEUVRES / PROCEDURES		FSTD	H	PASS	FAIL	N / A
2	SECTION 2 - HOVER MANOEUVRES, ADVANCED HANDLING AND CONFINED AREAS (cont.)					
2.4	Stationary hover turns, 360° left and right (spot turns)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5	Forward, sideways and backwards hover manoeuvring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.6	Simulated engine failure from the hover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.7	Quick stops into and downwind	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.8	Sloping ground / unprepared sites landings and take-offs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.9	Take-offs (various profiles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.10	Crosswind, downwind take-off (if practicable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.11	Take-off at maximum take-off mass (actual or simulated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.12	Approaches (various profiles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.13	Limited power take-off and landing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.14	Autorotations >>> Note 1: FE to select two items from: <ul style="list-style-type: none"> • Basic • Range • Low speed • 360° turns 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.15	Autorotative landing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.16	Practice forced landing with power recovery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.17	Power checks, reconnaissance technique, approach and departure technique	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Examiner initials 				
3	SECTION 3 - NAVIGATION AND EN-ROUTE PROCEDURES					
3.1	Navigation and orientation at various altitudes / heights Map reading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2	Maintaining altitude / height Maintaining speed Heading control Airspace observation Altimeter setting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3	Flight progress monitor Flight log update Fuel monitor Endurance ETA Track error assessment Re-establishment of correct track Instrument monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4	Weather condition observation Diversion planning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.5	Tracking and positioning by NDB and / or VOR Facilities identification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.6	ATC liaison and observance of regulations, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Examiner initials 				



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4	SECTION 4 - FLIGHT PROCEDURES AND MANOEUVRES BY SOLE REFERENCE TO INSTRUMENTS					
4.1	Level flight Heading control Maintaining altitude, height and speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2	Rate 1 level turns onto specified headings, 180° to 360°, left and right	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3	Climb and descent, including turns at rate 1 onto specified headings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4	Recovery from unusual attitudes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.5	Turns with bank 30°, turns up to 90° left and right	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Examiner initials 				
5	SECTION 5 - ABNORMAL AND EMERGENCY PROCEDURES					
>>> Note 2: Procedures shall be simulated where appropriate >>> Note 3: 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 4: The FE shall select 4 items from (a) to (g)						
5.1	Engine malfunctions, including but not limited to: <ul style="list-style-type: none">Governor failureCarburetor / engine icing simulationEngine oil system failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.2	Fuel system malfunction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.3	Electrical system malfunction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.4	Hydraulic system malfunction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.5	Approach and landing with hydraulic systems failure Main rotor and / or anti-torque system malfunction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.6	>>> Note 5: FFS or discussion only	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.7	Fire drills, including smoke control and removal, as applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other abnormal and emergency procedures as outlined in appropriate flight manual For multi-engine helicopters following abnormal / emergency procedures shall be included: Simulated engine failure at take-off: <ul style="list-style-type: none">Rejected take-off at or before TDP orSafe forced landing at or before DPATO, shortly after TDP or DPATO Landing with simulated engine failure <ul style="list-style-type: none">Landing or go-around following engine failure before LDP or DPBLFollowing engine failure after LDP or safe forced landing after DPBL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Examiner initials 				
B	FLIGHT EXAMINER					
Examiner details	Name		License number			
	Signature		Location and date			

 END 

>>>> **STANDARDIZATION REFERENCE GUIDE - NOT TO BE REPORTED TO NAA** <<<<<

A1	APPENDIX 1 - GLOSSARY, CROSS-REFERENCE, DETAILED INSTRUCTIONS		
(a)	Helicopter to be used	The helicopter used for the skill test shall meet the requirements for training helicopters	
(b)	Route to be flown and airport to be used	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	
A2	APPENDIX 2 - FLIGHT TEST TOLERANCE		
Applicants 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		
(e)	Maintain control of the helicopter at all times in such a manner that the successful outcome of a procedure or manoeuvre is never in doubt		
The following limits shall apply, corrected to make allowance for turbulent conditions and handling qualities and performance of the helicopter used:			
HEIGHT	Generally	± 100 ft	
	Simulated major emergencies	± 150 ft	
TRACKING	On radio aids	± 10°	
HEADING	Generally	± 10°	
	Simulated major emergencies	± 15°	
SPEED	Takeoff and approach multi-engine	± 5 knots	
	All other flight regimes	± 10 knots	
GROUND DRIFT	T.O. hover I.G.E.	± 3 knots	
	Landing	No sideways or backward movement	

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END