



 Ente Nazionale per l'Aviazione Civile	IR H	<input type="checkbox"/> SINGLE ENGINE
		<input type="checkbox"/> MULTI ENGINE
 	INIT. ISSUE - REVAL. - RENEWAL SKILL TEST - PROF. CHECK	<input type="checkbox"/> SKILL TEST
		<input type="checkbox"/> PROFICIENCY CHCK
CHECK LIST		
Ref: Appendix 7 Part FCL Reg. 1178/2011		




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

IR			IR(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 OPERATIONS AND DEPARTURE							
1.1	Flight Manual / Pilot's Operating Handbook use: <ul style="list-style-type: none">Performance calculationMass and balance computation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.2	Air Traffic Services forms Weather documentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.3	ATC flight plan IFR flight plan and flight log	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.4	Identification of the required nav aids for departure, arrival and approach procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5	Pre-flight inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.6	Weather assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.7	Taxiing Air taxi in compliance with ATC or instructor instructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.8	PBN departure (if applicable): <ul style="list-style-type: none">Procedure loading processCross check navigation system data against departure chart data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.9	Pre-take-off briefing Take-off	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.10	Transition to instrument flight >>> Note 1: Must be performed by sole reference to instruments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.11	Instrument departure procedures, including PBN departures, and altimeter setting >>> Note 2: Must be performed by sole reference to instruments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Examiner initials							





IR		IR(H) SKILL TEST				
MANOEUVRES / PROCEDURES		FSTD	H	PASS	FAIL	N / A
2	SECTION 2 - GENERAL HANDLING					
>>> Note 3: Must be performed by sole reference to instruments						
2.1	Control of the helicopter by reference solely to instruments, including: <ul style="list-style-type: none">Level flight at various speedsTrim use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2	Climbing and descending turns with sustained Rate 1 turn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3	Recoveries from unusual attitudes, including: <ul style="list-style-type: none">Sustained 30° bank turnsSteep descending turns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Examiner initials 						
3	SECTION 3 - EN-ROUTE IFR PROCEDURES					
>>> Note 4: Must be performed by sole reference to instruments						
3.1	Tracking, including interception between radio navigation including: <ul style="list-style-type: none">NDB,VORTrack between waypoints	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2	Use of navigation system and radio aids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3	Level flight Heading control Maintaining altitude and airspeed Power setting Trim technique	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4	Altimeter settings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.5	ETA calculation and update En-route hold, (if required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.6	Flight progress monitor Flight log update Fuel status monitor Aircraft systems management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.7	Ice protection procedures, simulated if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.8	ATC liaison and R/T procedure compliance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Examiner initials 						
3a	SECTION 3a - ARRIVAL PROCEDURES					
3a.1	Radio navigation set-up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3a.2	Arrival procedures Altimeter setting and cross-checks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3a.3	Altitude and speed constraints compliance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3a.4	PBN arrival (if applicable): <ul style="list-style-type: none">Procedure loading processCross check navigation system data against arrival chart data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Examiner initials 						



IR		IR(H) SKILL TEST				
MANOEUVRES / PROCEDURES		FSTD	H	PASS	FAIL	N/A
4	SECTION 4 - 3D OPERATIONS					
	>>> Note 5: To establish or maintain PBN privileges one approach in either Section 4 or Section 5 shall be an RNP APCH. Where an RNP APCH is not practicable, it shall be performed in an appropriately equipped FSTD					
4.1	Radio navigation setup Vertical path profile check For RNP approach: <ul style="list-style-type: none">Procedure loading processCross check navigation system data against approach chart data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2	Approach and landing briefing Descent and approach landing checks Facilities identification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3	Holding procedure >>> Note 6: May be performed in either Section 4 or Section 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4	Compliance with published approach procedure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.5	Approach timing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.6	Altitude, speed and heading control (stabilized approach)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.7	Go-around action >>> Note 7: May be performed in either Section 4 or Section 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.8	Missed approach procedure Landing >>> Note 8: May be performed in either Section 4 or Section 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.9	ATC liaison and R/T procedure compliance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Examiner initials 				
5	SECTION 5 - 2D OPERATIONS					
	>>> Note 9: To establish or maintain PBN privileges one approach in either Section 4 or Section 5 shall be an RNP APCH. Where an RNP APCH is not practicable, it shall be performed in an appropriately equipped FSTD					
5.1	Radio navigation setup For RNP approach: <ul style="list-style-type: none">Procedure loading processCross check navigation system data against approach chart data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.2	Approach and landing briefing Descent and approach landing checks Facilities identification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.3	Holding procedure >>> Note 10: May be performed in either Section 5 or Section 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.4	Compliance with published approach procedure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.5	Approach timing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.6	Vertical profile monitor: <ul style="list-style-type: none">Altitude and distance to MAPt Speed and heading control (stabilized approach) Step-down fixes, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Examiner initials 				



IR		IR(H) SKILL TEST				
MANOEUVRES / PROCEDURES		FSTD	H	PASS	FAIL	N / A
5	SECTION 5 - 2D OPERATIONS (cont.) >>> Note 9: To establish or maintain PBN privileges one approach in either Section 4 or Section 5 shall be an RNP APCH. Where an RNP APCH is not practicable, it shall be performed in an appropriately equipped FSTD					
5.7	Go-around action >>> Note 11: May be performed in either Section 5 or Section 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.8	Missed approach procedure Landing >>> Note 12: May be performed in either Section 5 or Section 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.9	ATC liaison and R/T procedure compliance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Examiner initials 				
6	SECTION 6 - ABNORMAL AND EMERGENCY PROCEDURES >>> Note 13: This section may be combined with sections 1 through 5. The test shall have regard to control of the helicopter, identification of the failed engine, immediate actions (touch drills), follow-up actions and checks and flying accuracy, in the following situations:					
6.1	Simulated engine failure after take-off and on/during approach(**) (at a safe altitude unless carried out in an FFS or FNPT II/III, FTD 2,3) >>> Note 14: Multi-engine helicopter only.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.2	Simulated engine failure after take-off and on/during approach(**) (at a safe altitude unless carried out in an FFS or FNPT II/III, FTD 2,3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.3	Limited panel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.4	Autorotation and recovery to a pre-set altitude	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.5	3D operations manually without flight director 3D operations manually with flight director Note 15: Only one item to be tested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Examiner initials 				
B	INSTRUMENT RATING 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)	Route to be flown and planning procedures	The route to be flown shall be chosen by the examiner. An essential element is the ability of the applicant to plan and conduct the flight from routine briefing material. The applicant shall undertake the flight planning and shall ensure that all equipment and documentation for the execution of the flight are on board	
(b)	Minima determination	Decision heights / altitude, minimum descent heights / altitudes and missed approach point shall be determined by the applicant and agreed by the examiner	
(c)	SOPs, TEM principles and general behaviour	Use of the helicopter checklists, airmanship, control of the helicopter by external visual reference, anti-icing/de-icing procedures and principles of threat and error management apply in all sections	
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	
	Starting a go-around at DH / DA	+ 50 ft / - 0 ft	
	At MDA, MDH, MAPt altitude	+ 50 ft / - 0 ft	
TRACKING	On radio aids	± 5°	
	Angular deviations	± 1/2 scale deviation	Half-scale deflection, azimuth and glide path (e.g. LPV, ILS, MLS, GLS)
	2D (LNAV) 3D (LNAV / VNAV) linear lateral deviations	± 1/2 RNP procedure value	Cross-track error/deviation shall normally be limited to ± ½ of the RNP value associated with the procedure. Brief deviations from this standard up to a maximum of one time the RNP value are allowable.
	3D (LNAV / VNAV) linear vertical deviations	± 75 ft	not more than – 75 ft below the vertical profile at any time, and not more than + 75 ft above the vertical profile at or below 1 000 ft above aerodrome level.
HEADING	All engine operating	± 5°	
	Simulated engine failure	± 10°	
SPEED	All engine operating	± 5 knots	
	Simulated engine failure	+ 10 knots / - 5 knots	

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