

Anexa 93

AACR Nr. _____ / _____

**APPLICATION FOR
ATPL, MPL, TYPE RATING, TRAINING, SKILL TEST AND PROFICIENCY CHECK
AEROPLANES (H)**

Please complete the form in block capitals using blue ink.

Applicant's last name(s):	Aircraft:	SE-MP: A	H	SE-MP: A	H
Applicant's first name(s):		SE-MP: A	H	SE-MP: A	H
Signature of applicant:	SP	MP			
Operations:					
Type of licence held:	Checklist:	Training record:	Type rating:		
Licence number:	Skill test:	Class rating:	IR:		
State of licence issue:	Proficiency check:	ATPL:	MPL:		

1 Theoretical training for the issue of a type or class rating performed during period					
From:	To:	At:			
Mark obtained:	% (Pass mark 75%):	Type and number of licence:			
Signature of HT:	Name(s) in capital letters:				
2 FSTD					
FSTD (aircraft type):	Three or more axes: Yes	Ready for service and used:			
	No				
FSTD manufacturer:	Motion or system:	Visual aid: Yes	No		
FSTD operator:	FSTD ID code:				
Total training time at the controls:	Instrument approaches at aerodromes to a decision altitude or height of:				
Location, date and time:	Type and number of licence:				
Type rating instructor Class rating instructor instructor					
Signature of instructor:	Name(s) in capital letters:				

3 Flight training: in the aircraft				in the FSTD (for ZFTT)	
Type of aircraft:	Registration:	Flight time at the controls:			
Take-offs:	Landings:	Training aerodromes or sites (take-offs, approaches and landings):			
Take-off time:	Landing time:				
Location and date:	Type and number of licence held:				
Type rating instructor	Class rating instructor				
Signature of instructor:	Name(s) in capital letters:				

4 Skill test				Proficiency check	
Skill test and proficiency check details:					
Aerodrome or site:	Total flight time:				
Take-off time:	Landing time:				
Pas s	Partial pass	Fail	Reason(s) why, if failed:		
Location and date:	SIM or aircraft registration:				
Examiner's certificate number (if applicable):	Type and number of licence:				
Signature of examiner:	Name(s) in capital letters:				

A. GENERAL

1. Applicants for a skill test shall have received instruction in the same class or type of aircraft to be used in the test.
- 1a. Training in FFS in accordance with points 1b and 1c of this Section shall be complemented with take-off and landing training in a single-pilot aircraft operated in single-pilot or multi-pilot operations, or in a multi-pilot aircraft, as applicable, in accordance with point 17 of this Section, unless the training is completed in accordance with point FCL.730.A or constitutes training for cruise relief co-pilots in accordance with Section B, point 6(i), of this Appendix.

- 1b. The training for MPA and PL type ratings shall be conducted in an FFS or in a combination of FSTD(s) and FFS. The skill test or proficiency check for MPA and PL type ratings and the issue of an ATPL and an MPL, shall be conducted in an FFS, if available.
- 1c. The training, skill test or proficiency check for class or type ratings for SPA and helicopters shall be conducted in either of the following:
- (a) an available and accessible FFS, or in a combination of such FFS and FSTD(s);
 - (b) a combination of FSTD(s) and the aircraft if an FFS is not available or accessible;
 - (c) the aircraft if no FSTD is available or accessible.
- 1d. By way of derogation from point 1c, the training, skill test or proficiency check for class or type ratings for non-complex SPA and for non-complex helicopters may be conducted in a combination of FSTD(s) and the aircraft even if an FFS is available and accessible.
- 1e. By way of derogation from point 1c, the training, skill test or proficiency check for any of the following may be conducted in accordance with points 1c(a), (b) or (c), irrespective of the availability and accessibility of FFS or FSTD:
- (a) non-complex non-high-performance single-pilot aeroplanes;
 - (b) TMGs;
 - (c) non-complex helicopters for which the maximum certified seat configuration does not exceed five seats.
- 1f. If FSTDs are used during training, testing or checking, the suitability of the FSTDs used shall be verified against the applicable 'Table of functions and subjective tests' and the applicable 'Table of FSTD validation tests' contained in the primary reference document applicable for the device used. All restrictions and limitations indicated on the device's qualification certificate shall be considered.

The training for MPA and PL type ratings shall be conducted in an FFS or in a combination of FSTD(s) and FFS. The skill test or proficiency check for MPA and PL type ratings and the issue of an ATPL and an MPL, shall be conducted in an FFS, if available.

The training, skill test or proficiency check for class or type ratings for SPA and helicopters shall be conducted in:

- (a) an available and accessible FFS, or
- (b) a combination of FSTD(s) and the aircraft if an FFS is not available or accessible; or
- (c) the aircraft if no FSTD is available or accessible.

If FSTDs are used during training, testing or checking, the suitability of the FSTDs used shall be verified against the applicable 'Table of functions and subjective tests' and the applicable 'Table of FSTD validation tests' contained in the primary reference document applicable for the device used. All restrictions and limitations indicated on the device's qualification certificate shall be considered.

- 2. Failure to achieve a pass in all sections of the test in two attempts will require further training.
- 3. There is no limit to the number of skill tests that may be attempted.

CONTENT OF THE TRAINING/SKILL TEST/PROFICIENCY CHECK

4. Unless otherwise determined in the operational suitability data established in accordance with Annex I (Part-21) to Regulation (EU) No 748/2012 (OSD), the syllabus of flight instruction, the skill test and the proficiency check shall comply with this Appendix. The syllabus, skill test and proficiency check may be reduced to give credit for previous experience on similar aircraft types, as determined in the OSD.
5. Except in the case of skill tests for the issue of an ATPL, when so defined in the OSD for the specific aircraft, credit may be given for skill test items common to other types or variants where the pilots are qualified.

CONDUCT OF THE TEST/CHECK

6. The examiner may choose between different skill test or proficiency check scenarios containing simulated relevant operations. Full-flight simulators and other training devices shall be used, as established in this Annex (Part-FCCL).
7. During the proficiency check, the examiner shall verify that holders of the class or type rating maintain an adequate level of theoretical knowledge.
8. Should applicants choose to terminate a skill test for reasons considered inadequate by the examiner, they shall retake the entire skill test. If the test is terminated for reasons considered adequate by the examiner, only those sections not completed shall be tested in a further flight.
9. At the discretion of the examiner, any manoeuvre or procedure of the test may be repeated once by the applicants. The examiner may stop the test at any stage if it is considered that the applicants' demonstration of flying skill requires a complete retest.
10. Applicants shall be required to fly the aircraft from a position where the PIC or co-pilot functions, as relevant, can be performed. Under single-pilot conditions, the test shall be performed as if there was no other crew member present.
11. During preflight preparation for the test, applicants are required to determine power settings and speeds. Applicants shall indicate to the examiner the checks and duties carried out, including the identification of radio facilities. Checks shall be completed in accordance with the checklist for the aircraft on which the test is being taken and, if applicable, with the MCC concept. Performance data for take-off, approach and landing shall be calculated by applicants in compliance with the operations manual or flight manual for the aircraft used. Decision heights/altitudes, minimum descent heights/altitudes and missed approach point shall be agreed upon with the examiner.
12. The examiner shall take no part in the operation of the aircraft except where intervention is necessary in the interests of safety or to avoid unacceptable delay to other traffic.

SPECIFIC REQUIREMENTS FOR THE TRAINING, SKILL TEST AND PROFICIENCY CHECK FOR TYPE RATINGS FOR MULTI-PILOT AIRCRAFT, FOR SINGLE-PILOT AIRCRAFT WHEN OPERATED IN MULTI-PILOT OPERATIONS, FOR THE MPL AND FOR THE ATPL

13. The skill test for a multi-pilot aircraft or a single-pilot aircraft when operated in multi-pilot operations shall be performed in a multi-crew environment. Another applicant or another type rated qualified pilot may function as the second pilot. If an aircraft is used, the second pilot shall be the examiner or an instructor.

14. Applicant shall operate as PF during all sections of the skill test, except for abnormal and emergency procedures, which may be conducted as PF or PNF in accordance with MCC. The applicant for the initial issue of a multi-pilot aircraft type rating or ATPL shall also demonstrate the ability to act as PM. The applicant may choose either the left hand or the right hand seat for the skill test if all items can be executed from the selected seat.

15. The following matters shall be specifically checked by the examiner for applicants for the ATPL or a type rating for multi-pilot aircraft or for multi-pilot operations in a single-pilot aircraft extending to the duties of a PIC, irrespective of whether the applicants act as PF or PM:

- (a) managing crew cooperation;
- (b) maintaining a general survey of the aircraft operation by appropriate supervision; and
- (c) setting priorities and making decisions in accordance with safety aspects and relevant rules and regulations appropriate to the operational situation, including emergencies.

16. The test or check should be accomplished under IFR, if the IR rating is included, and as far as possible be accomplished in a simulated commercial air transport environment. An essential element to be checked is the ability to plan and conduct the flight from routine briefing material.

17. When their type rating course has included less than 2 hours of flight training in the aircraft, applicants shall, before or after the skill test, complete flight training in the aircraft.

Such approved flight training shall include take-off and landing manoeuvres and shall be performed by a qualified instructor under the responsibility of:

- (a) an ATO; or
- (b) an organisation holding an AOC issued in accordance with Annex III (Part-ORO) to Regulation (EU) No 965/2012 and specifically approved for such training; or
- (c) the instructor, in cases where no aircraft flight training for SP aircraft at an ATO or AOC holder is approved, and the aircraft flight training was approved by the applicants' competent authority.

A certificate of completion of the type rating course including the flight training in the aircraft shall be forwarded to the competent authority before the new type rating is entered in the applicants' licence.

18. For the UPSET recovery training, 'stall event' means either an approach-to-stall or a stall. An FFS can be used by the ATO to either train recovery from a stall or demonstrate the type-specific characteristics of a stall, or both, provided that:

- (a) the FFS has been qualified in accordance with the special evaluation requirements in CS-FSTD(A); and
- (b) the ATO has successfully demonstrated to the competent authority that any negative transfer of training is mitigated.

B. SPECIFIC REQUIREMENTS FOR THE HELICOPTER CATEGORY

1. In the case of skill test or proficiency check for type ratings and the ATPL, applicants shall pass Sections 1 to 4 and 6 (as applicable) of the skill test or proficiency check. Failure in more than five items will require applicants to repeat the entire test or check. Applicants failing not more than five items shall repeat the failed items. Failure in any item in the case of a retest or a recheck or failure in any other items already passed will require the applicants to repeat the entire test or check again. All sections of the skill test or proficiency check shall be completed within 6 months.

2. In the case of proficiency check for an IR, applicants shall pass Section 5 of the proficiency check. Failure in more than 3 items will require applicants to repeat the entire Section 5. Applicants failing not more than 3 items shall repeat the failed items. Failure in any item in the case of a recheck or failure in any other items of Section 5 already passed will require applicants to repeat the entire check.

FLIGHT TEST TOLERANCE

1. 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;
- (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;
- (f) understand and apply crew coordination and incapacitation procedures, if applicable; and
- (g) communicate effectively with the other crew members, if applicable.

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

(a) IFR flight limits

Height

Generally ± 100 ft

Starting a go-around at decision height/altitude $+50$ ft/ -0 ft

Minimum descent height/MAP/altitude $+50$ ft/ -0 ft

Tracking On radio aids $\pm 5^\circ$

For "angular" deviations Half-scale deflection, azimuth and glide path (e.g. LPV, ILS, MLS, GLS)

2D (LNAV) and 3D (LNAV/VNAV) "linear" lateral deviations	cross-track error/deviation shall normally be limited to $\pm \frac{1}{2}$ 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 linear vertical deviations (e.g. RNP APCH (LNAV/VNAV) using BaroVNAV)	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 engines operating	$\pm 5^\circ$
with simulated engine failure	$\pm 10^\circ$
Speed	
all engines operating	± 5 knots
with simulated engine failure	$+10$ knots/ -5 knots
(b) VFR flight limits	
Height:	
Generally	± 100 ft
Heading:	
Normal operations	$\pm 5^\circ$
Abnormal operations/emergencies	$\pm 10^\circ$
Speed:	
Generally	± 10 knots
With simulated engine failure	$+10$ knots/ -5 knots
Ground drift:	
T.O. hover I.G.E.	± 3 ft
Landing	± 2 ft (with 0 ft rearward or lateral flight)

CONTENT OF THE TRAINING/SKILL TEST/PROFICIENCY CHECK

GENERAL

1. The following symbols mean:

P = Trained as PIC for the issue of a type rating for single-pilot helicopters (SPH) or trained as PIC or co-pilot and as PF and PM for the issue of a type rating for multi pilot helicopters (MPH).

2. The practical training shall be conducted at least at the training equipment level shown as (P), or may be conducted up to any higher equipment level shown by the arrow (---->).

The following abbreviations are used to indicate the training equipment used:

- FFS = full-flight simulator
- FTD = flight training device
- H = helicopter

3. The starred items (*) shall be flown in actual or simulated IMC, only by applicants wishing to renew or revalidate an IR(H) or extend the privileges of that rating to another type.

4. Instrument flight procedures (Section 5) shall be performed only by applicants wishing to renew or revalidate an IR(H) or extend the privileges of that rating to another type. An FFS or an FTD 2/3 may be used for this purpose.

5. To establish or maintain PBN privileges, one approach shall be an RNP APCH. Where an RNP APCH is not practicable, it shall be performed in an appropriately equipped FSTD.

By way of derogation from subparagraph above, in cases where a proficiency check for revalidation of PBN privileges does not include an RNP APCH exercise, the PBN privileges of the pilot shall not include RNP APCH. The restriction shall be lifted if the pilot has completed a proficiency check including an RNP APCH exercise.

6. Where the letter 'M' appears in the skill test or proficiency check column, this will indicate a mandatory exercise.

7. An FSTD shall be used for practical training and testing if the FSTD forms part of a type rating course. The following considerations will apply to the course:

- (a) the qualification of the FSTD as set out in the relevant requirements of Annex VI (Part-ARA) and Annex VII (Part-ORA);
- (b) the qualifications of the instructor and examiner;
- (c) the amount of FSTD training provided on the course;
- (d) the qualifications and previous experience in similar types of the pilots under training; and
- (e) the amount of supervised flying experience provided after the issue of the new type rating.

MULTI-PILOT HELICOPTERS

1. Applicants for the skill test for the issue of the multi-pilot helicopter type rating and ATPL(H) shall pass only Sections 1 to 4 and, if applicable, Section 6.

2. Applicants for the revalidation or renewal of the multi-pilot helicopter type rating proficiency check shall pass only Sections 1 to 4 and, if applicable, Section 6.

SINGLE-PILOT HELICOPTERS

1. Applicants for the issue, revalidation or renewal of a single-pilot helicopter type rating shall:

- (a) if privileges for single-pilot operation are sought, complete the skill test or proficiency check in single-pilot operation;
- (b) if privileges for multi-pilot operation are sought, complete the skill test or proficiency check in multi-pilot operation;

(c) if privileges for both single-pilot and multi-pilot privileges are sought, complete the skill test or proficiency check in multi-pilot operation and, additionally, the following manoeuvres and procedures in single-pilot operation:

(1) for single-engine helicopters: 2.1 take-off and 2.6 and 2.6.1 autorotative descent and autorotative landing;

(2) for multi-engine helicopters: 2.1 take-off and 2.4 and 2.4.1 engine failures shortly before and shortly after reaching TDP;

(3) for IR privileges, in addition to point (1) or (2), as applicable, one approach of Section 5, unless the criteria of Appendix 8 to this Annex are met;

(d) in order to remove a restriction to multi-pilot operation from a non-complex single-pilot helicopter type rating, complete a proficiency check that includes the manoeuvres and procedures referred to in point (c)(1) or (c)(2), as applicable.

SINGLE/MULTI-PILOT HELICOPTERS		PRACTICAL TRAINING			SKILL TEST OR PROFICIENCY CHECK	
Manoeuvres/Procedures		FSTD	H	Instructor initials when training completed	Checked in FSTD or H	Examiner initials when test completed
SECTION 1 –						
1.	Preflight preparations and checks		P		M (if performed in the helicopter)	
1.1	Helicopter exterior visual inspection; location of each item and purpose of inspection					
1.2	Cockpit inspection	P	---->		M	
1.3	Starting procedures, radio and navigation equipment check, selection and setting of navigation and communication frequencies	P	---->		M	
1.4	Taxiing/air taxiing in compliance with ATC instructions or with instructions of an instructor	P	---->		M	
1.5	Pre-take-off procedures and checks	P	---->		M	
SECTION 2						
2.1	Take-offs (various profiles)	P	---->		M	
2.2	Sloping ground or crosswind take-offs & landings	P	---->			
2.3	Take-off at maximum take-off mass (actual or simulated maximum take-off mass)	P	---->			
2.4	Take-off with simulated engine failure shortly before reaching TDP or DPATO	P	---->		M	
2.4.1	Take-off with simulated engine failure shortly after reaching TDP or DPATO	P	---->		M	
2.5	Climbing and descending turns to specified headings	P	---->		M	
2.5.1	Turns with 30° bank, 180° to 360° left and right, by sole reference to instruments	P	---->		M	
2.6	Autorotative descent	P	---->		M	
2.6.1	For single-engine helicopters (SEH): - autorotative landing; or - power recovery, provided that applicants, in the preceding year, completed training that included an autorotative landing and that training was entered and signed in the applicants' logbook by the instructor. For multi-engine helicopters (MEH): power recovery.	P	---->		M	
2.7	Landings, various profiles	P	---->		M	
2.7.1	Go-around or landing following simulated engine failure before LDP or DPBL	P	---->		M	
2.7.2	Landing following simulated engine failure after LDP or DPBL	P	---->		M	
SECTION 3						
3	Normal and abnormal operations of the following systems and procedures:				M	A mandatory minimum of 3 items shall be selected from this section
3.1	Engine	P	---->			
3.2	Air conditioning (heating, ventilation)	P	---->			
3.3	Pitot/static system	P	---->			
3.4	Fuel System	P	---->			
3.5	Electrical system	P	---->			
3.6	Hydraulic system	P	---->			
3.7	Flight control and trim system	P	---->			

SINGLE/MULTI-PILOT HELICOPTERS		PRACTICAL TRAINING			SKILL TEST OR PROFICIENCY CHECK	
Manoeuvres/Procedures		FSTD	H	Instructor initials when training completed	Checked in FSTD or H	Examiner initials when test completed
3.8	Anti-icing and de-icing system	P	---->			
3.9	Autopilot/Flight director	P	---->			
3.10	Stability augmentation devices	P	---->			
3.11	Weather radar, radio altimeter, transponder	P	---->			
3.12	Area navigation system	P	---->			
3.13	Landing gear system	P	---->			
3.14	APU	P	---->			
3.15	Radio, navigation equipment, instruments and FMS	P	---->			
SECTION 4						
4	Abnormal and emergency procedures				M	A mandatory minimum of 3 items shall be selected from this section
4.1	Fire drills (including evacuation if applicable)	P	---->			
4.2	Smoke control and removal	P	---->			
4.3	Engine failures, shutdown and restart at a safe height	P	---->			
4.4	Fuel dumping (simulated)	P	---->			
4.5	Tail rotor control failure (if applicable)	P	---->			
4.5.1	Tail rotor loss (if applicable)	P	A helicopter shall not be used for this exercise			
4.6	Incapacitation of crew member – MPH only	P	---->			
4.7	Transmission malfunctions	P	---->			
4.8	Other emergency procedures as outlined in the appropriate flight manual	P	---->			
SECTION 5						
5.	Instrument flight procedures (to be performed in IMC or simulated IMC)	P*	---->*			
5.1	Instrument take-off: transition to instrument flight is required as soon as possible after becoming airborne					
5.1.1	Simulated engine failure during departure	P*	---->*		M*	
5.2	Adherence to departure and arrival routes and ATC instructions	P*	---->*		M*	
5.3	Holding procedures	P*	---->*			
5.4	3D operations to DH/A of 200 ft (60 m) or to higher minima if required by the approach procedure	P*	---->*			
5.4.1	Manually, without flight director. Note: According to the AFM, RNP APCH procedures may require the use of autopilot or flight director. The procedure to be flown manually shall be chosen taken into account such limitations (for example, choose an ILS for 5.4.1 in the case of such AFM limitation)	P*	---->*		M* (unless Exercise 5.4.2 is completed)	
Note: According to the AFM, RNP APCH procedures may require the use of autopilot or flight director. The procedure to be flown manually shall be chosen taken into account such limitations (for example, choose an ILS for 5.4.1 in the case of such AFM limitation).						
5.4.2	Manually, with flight director	P*	---->*		M* (unless Exercise 5.4.1 is completed);	
5.4.3	With coupled autopilot	P*	---->*		M*	
5.4.4	Manually, with one engine simulated inoperative; engine failure has to be simulated during final approach before passing 1 000 ft above aerodrome level until touchdown or until completion of the missed approach procedure	P*	---->*		M*	
5.5	2D operations down to the MDA/H	P*	---->*		M*	
5.6	Go-around with all engines operating on reaching DA/H or MDA/MDH					
5.6.1	Other missed approach procedures					
5.6.2	Go-around with one engine simulated inoperative on	P*	---->*		M*	

Operator de date cu caracter personal înregistrat la ANSPDCP cu nr. 20425

SINGLE/MULTI-PILOT HELICOPTERS		PRACTICAL TRAINING			SKILL TEST OR PROFICIENCY CHECK	
Manoeuvres/Procedures		FSTD	H	Instructor initials when training completed	Checked in FSTD or H	Examiner initials when test completed
	reaching DA/H or MDA/MDH					
5.7	IMC autorotation with power recovery	p*		---->*	M*	
5.8	Recovery from unusual attitudes	p*		---->*	M*	
SECTION 6						
6	Use of optional equipment	p*		---->*		

I hereby confirm receiving the relevant information from the applicant regarding his/her experience and instruction, and found the applicant being eligible, in accordance with FCL.1030 (b)(3)(i), for the conduct of the requested skill test or proficiency check.

I certify that do not have more than one license per category of aircraft issued under PART FCL and all my PART FCL licenses are issued by the same state

ADDITIONAL DECLARATION FOR NON-ROMANIAN EXAMINERS:

- in accordance with FCL.1030(b)(3)(iv) -

I hereby declare that I,, have reviewed and applied the relevant national procedures and requirements of the applicant's competent authority contained in version of the **Examiner Differences Document** published by EASA.

Signature of examiner:		Date:	
Name of examiner, in capitals:			
Examiner position	L/H <input type="checkbox"/>	R/H <input type="checkbox"/>	Rear <input type="checkbox"/>