ATPL AEROPLANE TYPE RATING MULTI-PILOT AEROPLANES AND SINGLE-PILOT COMPLEX AEROPLANES WITH HIGH PERFORMANCE

APPLICATION AND REPORT FORM FOR THE ATPL(A) SKILL TEST, TYPE RATING SKILL TEST AND PROFICIENCY CHECKS ON MULTI PILOT AEROPLANES AND SINGLE PILOT COMPLEX AEROPLANES WITH HIGH PERFORMANCE ACCORDING TO APPENDIX 9 TO COMMISSION REGULATION (EU) NO 1178/2011 OF 3 NOVEMBER 2011

Α.	Skill test ATPL		B. to	be	Date of te	st		
			com	pleted by				
	Skill test type rating		exan	niner	Licence	ndorsement (type of aircraft)		
	PC Revalidation				Licence e	ndorsement (type of ancialt)		
	PC Renewal							
	Multi pilot aeroplane	Applicant tested PIC	as: CO Pilot					
	Single pilot aeroplane (SPO)						
	Single pilot aeroplane (l	MPO)						
C. To be	Date of birth (yyyy-mm-dd)		State of licence iss		Licence n	0		
completed by	Last name			First and middle names				
	Street or box			Country		Telephone		
the applicant	Postal code and city			E-mail address				
	. cota couc and only			2 maii addi 000				
	Total flight time	Total tir	ne as PIC	Instrument time		FTD/FFS		
	Total time MPA	Cross-c	country	Night flight				
	Applicant verification of c	complianc	e according to ARA.	GEN.315 and AMC1 A	RA.GEN.31	5 (c) (See instructions, page 10)		
D. To be	TRAINING COMPLETED AN	VD APP	LICATION APPRO					
completed by	Name of ATO			Date				
	Flight time during course			Total time in FS/FFS		se		
the ATO				FTD: FFS:				
	Refresher training comp			rse performed Approved for PC renewal				
	Recommendation by Head of Tra nominated by the Head of Trainin		other person	Name in block letters				
	RESULT OF THE TEST							
E. To be		tions a	re passed	- Final resul	t : Passec	I		
completed by	If 1-5 iter	ms are f	ailed	Final resulFinal resul		pass		
the examiner	Final result:	ПР	'assed	Partial pass		Failed		
	Temporary rating issu	ued		☐ Tempora	ry rating	not issued		
	I ha			details in the appl	icant's lic			
	Rating	Date	of test/check	Rating valid u	until	IR valid until		
	Examiner's certificate number:			Stamp/Printed name				
	Signature of examiner:							

Scan as PDF, send by e-mail to: $\underline{certifikat.w3d3@transportstyrelsen.se} \text{ or by mail to:}$

Transportstyrelsen, SE-601 73 Norrköping Webbsida: **transportstyrelsen.se**

Before PC, revalidation	Before ATPL Skill Test					
☐ Valid type rating	Approval to take the test issued by the Swedish Transport Agency					
Route Sectors ≥10 <u>or</u>	In case of non-Swedish examiner, required documentation attached (see					
Examiner accompanied route sector	page 10 section E)					
In case of non-Swedish examiner,						
required documentation attached (see page 10 section E)						
Before PC, renewal Approved training performed by ATO	All prerequisites checked and confirmed including latest revision of Examiners Differences Document					
(Copy of course completion certificate must be attached)	EDD revision nr:					
In case of non-Swedish examiner,						
required documentation attached (see						
page 10 section E)	Examiner					
•						
M=Mandatory P=Trained as PIC or COP and as PF and PNF for issue X=FS only (see instructions) *=Actual or simulated IMC P# = the training shall be complemented by supervised aeroplane inspection						
	Valid type rating Route Sectors ≥10 or Examiner accompanied route sector In case of non-Swedish examiner, required documentation attached (see page 10 section E) Before PC, renewal Approved training performed by ATO (Copy of course completion certificate must be attached) In case of non-Swedish examiner, required documentation attached (see page 10 section E)					

G.

									3 (12)
SECT	ION 1 FLIGHT		Q			Instructors initials when	Chled in		
PREP	PARATION	OT D	FTD	FS	⋖	training completed	Chkd in FS/A	Pass	Fail
1.1	Performance calculation	Р							
1.2	Aeroplane external visual inspection; location of each item and purpose of inspection	[P#]			Р				
1.3	Cockpit inspection		Р	\rightarrow	\rightarrow				
1.4	Use of checklist prior to starting engines, starting procedures, radio and navigation equipment check, selection and setting of navigation and communication frequencies	P→	→	→	→		М		
1.5	Taxiing in compliance with air traffic control or instructions of instructor			P→	\rightarrow				
1.6	Before take-off checks		P→	\rightarrow	\rightarrow		М		
			ı			Examiners initials when test section completed			
SECT	ION 2 TAKE OFFS	ОТО	FTD	FS	⋖	Instructors initials when training completed	Chkd in FS/A	Pass	Fail
2.1	Normal take offs with different flap settings, including expedited take off			P→	\rightarrow				
2.2	Instrument take-off; transition to instrument flight is required during rotation or immediately after becoming airborne			P→	→				
2.3	Cross wind take-off (A, if practicable)			P→	\rightarrow				
2.4	Take-off at maximum takeoff mass (actual or simulated maximum take-off mass)			P→	\rightarrow				
2.5	Take-offs with simulated engine failure:			P>	>				
2.5.1	- shortly after reaching V ₂ (In aeroplanes which are not certificated as transport category aeroplanes (JAR/FAR 25) or as commuter category aeroplanes (SFAR 23), the engine failure shall not be simulated until reaching a minimum height of 500ft above runway end. In aeroplanes having the same performance as a transport category aeroplane regarding takeoff mass and density altitude, the instructor may simulate the engine failure shortly after reaching V ₂ .)			P→	\rightarrow				
2.5.2	- between V ₁ and V ₂	Ì	1	1	1		1		

 $\mathsf{P} {\rightarrow}$

	M FS Only	
	М	
Examiners initials when test section completed		

2.6

Rejected take-off at a reasonable speed before reaching V₁.

	ON 3 FLIGHT MANEUVRES	ОТО	FTD	FS	4	Instructors initials when training completed	Chkd in FS/A	Pass	Fail
3.1	Turns with and without Spoilers			P→	\rightarrow				
3.2	Tuck under and Mach buffets after reaching the critical Mach number, and other specific flight characteristics of the aeroplane (e.g. Dutch Roll)			P→	n rcraft ay not e used or this cercise				
3.3	Normal operation of systems and controls engineer's panel	P→	\rightarrow	\rightarrow	→				
operat (A mar shall b	rmal and abnormal tions of following systems: ndatory minimum of 3 items e selected from 3.4.0 to inclusive)						М		
3.4.0	Engine (if necessary propeller)	P→	\rightarrow	\rightarrow	\rightarrow				
3.4.1	Pressurisation and airconditioning	P→	\rightarrow	\rightarrow	\rightarrow				
3.4.2	Pitot/static system	P→	\rightarrow	\rightarrow	\rightarrow				
3.4.3	Fuel system	P→	\rightarrow	\rightarrow	\rightarrow				
3.4.4	Electrical system	P→	\rightarrow	\rightarrow	→				
3.4.5	Hydraulic system	P→	\rightarrow	\rightarrow	\rightarrow				
3.4.6	Flight control and trim system	P→	\rightarrow	\rightarrow	\rightarrow				
3.4.7	Anti- and de-icing system, Glare shield heating	P→	\rightarrow	→	→				
3.4.8	Autopilot/Flight director	P→	→	→	→				
3.4.9	Stall warning devices or stall avoidance devices, and stability augmentation devices	P→	\rightarrow	→	→				
	Ground proximity warning system Weather radar, radio altimeter, transponder		P→	→	→				
3.4.11	Radios, navigation equipment, instruments, flight management system	P→	\rightarrow	\rightarrow	\rightarrow				
3.4.12	Landing gear and brake	P→	\rightarrow	\rightarrow	\rightarrow				
3.4.13	Slat and flap system	P→	\rightarrow	\rightarrow	\rightarrow				
3.4.14	Auxiliary power unit	P→	\rightarrow	\rightarrow	\rightarrow				
0.0.41	Intentionally left blank								
of 3 ite 3.6.1 to	normal and emergency dures: A mandatory minimum ms shall be selected from p 3.6.9 inclusive.						М		
3.6.1	Fire drills e.g. Engine, APU, cabin, cargo compartment, flight deck, wing and electrical fires including evacuation.		P→	\rightarrow	\rightarrow				
3.6.2	Smoke control and removal		P→	\rightarrow	\rightarrow				
3.6.3	Engine failures, shut-down and restart at a safe height		P→	→	→				
3.6.4	Fuel dumping (simulated)		P→	\rightarrow	\rightarrow				
3.6.5	Windshear at Take off/ Landing			Р	х		FS only		
3.6.6	Simulated cabin pressure failure/Emergency descent			P→	→				

3.6.7	Incapacitation of flight crew Member		P→	\rightarrow	\rightarrow				
3.6.8	Other emergency procedures as outlined in the appropriate aeroplane Flight Manual		P→	\rightarrow	\rightarrow				
3.6.9	ACAS event	P→	\rightarrow	\rightarrow	x		FS only		
3.7	Steep turns with 45° bank, 180° to 360° left and right		P→	\rightarrow	\rightarrow				
3.8	Early recognition and counter measures on approaching stall (up to activation of stall warning device) in take-off configuration (flaps in take-off position), in cruising flight configuration and in landing configuration (flaps in landing position, gear extended)			P→	→				
3.8.1	Recovery from full stall or after activation of stall warning device in climb, cruise and approach configuration			Р	x				
3.9 Ins	strument flight procedures								
3.9.1*	Adherence to departure and arrival routes and ATC instructions		P→	\rightarrow	\rightarrow		М		
3.9.2*	Holding procedures		P→	\rightarrow	\rightarrow				
3.9.3*	3D operations to DH/A of 200 feet (60 m) or to higher minima of required by approach procedure								
taking i	nto account such limitation (for exa	ample, ch	oose an I	LS for 3.9	9.3.1 in ca	,	flown manua	ally shall be	chosen
	blish or maintain PBN privilege	s at least	one 3D	or 2D op	eration s	nali be an RNP APCH			
	- manually, without flight director			P→	\rightarrow		M (skill test only)		
	- manually, with flight director			P→	\rightarrow				
3.9.3.3*	- with autopilot			P→	\rightarrow				
3.9.3.4*	- manually, with one engine simulated inoperative; engine failure has to be simulated during final approach before passing 1000 feet above aerodrome level until touchdown or through the complete missed approach procedure			P→	→		М		

In aeroplanes which are not certificated as transport category aeroplanes (JAR/FAR 25) or as commuter category aeroplanes (SFAR 23), the approach with simulated engine failure and the ensuing go-around shall be initiated in conjunction with the non-precision approach as described in 3.9.4. The go-around shall be initiated when reaching the published obstacle clearance height (OCH/A), however, not later than reaching a minimum descent height/altitude (MDH/A) of 500 ft above runway threshold elevation. In aeroplanes having the same performance as a transport category aeroplane regarding takeoff mass and density altitude, the instructor may simulate the engine failure in accordance with 3.9.3.4.

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3.9.4*	2D operations down to the MDH/A			P*→	\rightarrow		М		
To esta	nblish or maintain PBN privileges	at least	one 3D	or 2D op	eration s	hall be an RNP APCH			
3.9.5*	Circling approach under following conditions: (a) * approach to the authorised minimum circling approach altitude at the aerodrome in question in accordance with the local instrument approach facilities in simulated instrument flight conditions; followed by (b) circling approach to another runway at least 90° off centreline from final approach used in item a), at the authorised minimum circling approach altitude; Remark: if a) and b) are not possible due to ATC reasons a simulated low visibility pattern may be performed			P*→	→				
						Examiners initials when test section completed			
	on 4 Missed Approach edures	ОТО	FTD	FS	A	Instructors initials when training completed	Chkd in FS/A	Pass	Fail
4.1*	Go-around with all engines operating* during a 3D operation on reaching decision height			P*→	\rightarrow				
4.2	Other missed approach Procedures			P*→	\rightarrow				
4.3*	Manual Go-around with the critical engine simulated inoperative after an instrument approach on reaching DH, MDH or MAPt			P*→	\rightarrow		М		
4.4	Rejected landing at 15 m (50 ft) above runway threshold and go-around			P*→	\rightarrow				
						Examiners initials when test section completed			

									/ (12)
SEC	FION 5 LANDINGS	ОТО	FTD	FS	А	Instructors initials when training completed	Chkd in FS/A	Pass	Fail
5.1	Normal landings* with visual reference established when reaching DA/H following an instrument approach operation			Р					
5.2	Landing with simulated jammed horizontal stabiliser in any out-of-trim position.			P→	An aircraft may not be used for this exercise				
5.3	Cross wind landings (a/c, if practicable).			P→	\rightarrow				
5.4	Traffic pattern and landing without extended or with partly extended flaps and slats.			P→	\rightarrow				
5.5	Landing with critical engine simulated inoperative.			P→	\rightarrow		М		
5.6	Landing with two engines inoperative – Aeroplanes with three engines: the centre engine and one outboard engine as far as practicable according to data of the AFM. – Aeroplanes with four engines, two engines at one side.			Р	→		M FS only (skill test only)		
	2.12 3.40		1	ı	I	Examiners initials when test section completed			

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	TION 6 ADDITIONAL HORIZATION CAT II/III	ОТD	FTD	FS	4	Instructors initials when training completed	Chkd in FS/A	Pass	Fail	
	General remarks: Special requirements for extension of a type rating for instrument approaches down to a decision height of less than 200 feet (60 m), i.e. Cat II/III operations.									
DH of	6.0 The following manoeuvres and procedures are the minimum training requirements to permit instrument approaches down to a DH of less than 60 m (200 ft). During the following instrument approaches and missed approach procedures all aeroplane equipment required for type certification of instrument approaches down to a DH of less than 60 m (200 ft) shall be used.									
6.1*	Rejected take-off at minimum authorised RVR			P*→	An aircraft may not be used for this exercise		M*			
6.2*	CAT II/III Approaches In simulated instrument flight conditions down to the applicable DH, using flight guidance system. Standard procedures of crew coordination (task sharing, call out procedures, mutual surveillance, information exchange and support) shall be observed.			P→	→		М			
6.3*	Go-around after approaches as indicated in 6.2 on reaching DH. The training also shall include a go-around due to (simulated) insufficient RVR, wind shear, aeroplane deviation in excess of approach limits for a successful approach, and ground/airborne equipment failure prior to reaching DH and, go-around with simulated airborne equipment failure			P→	→		M*			
6.4*	Landing(s) with visual reference established at DH following an instrument approach. Depending on the specific flight guidance system, an automatic landing shall be performed			P→	→		М			
NOTE	E: CAT II/III operations shall be	e accom	plished	in accor	dance w	vith Operational Rules.				
						Examiners initials when test section completed				

Н.	Details of the flight								
	Registration of a/c/FSTD qualification r	10	Block on		On ground				
	Departure aerodrome		Block off		Take-off				
	Destination aerodrome	Total block		Total					
	Aeroplane type	Aeroplane type		sted as	PIC				
			PF 📙						
l.	REMARKS								
••	Item no	Comment							
	Debriefing/Taken parts of	Signature of ap	oplicant:						
	Debriefing/Taken parts of comments above (in case of partial pass or failed test)	Tigramar ir ap							
_	ADDITIONAL INFORMATION								
J.	ADDITIONAL INFORMATION								
K.	ZFTT Simulator training								
	Six (6) take offs and landings in simula	tor completed da	ate	FSTD qualification no.					
	Signature of TRI (FFS)	Nam	ne in block letters	5	Licence number				
	ZFTT LIFUS training								
	Number of sectors, signature of TRI(s)	(LIFUS) Nam	ne(s) in block lett	ers	Licence number(s)				
L.	AEROPLANE TRAINING								
	Aeroplane training completed date	Aircra	aft type		lumbers of landings/airborne hrs				
	Olava atoma at TDI		a ta black to o						
	Signature of TRI	e in block letters		Licence number					

L 1648

ATPL(A), Type rating multi pilot aeroplane and single pilot complex aeroplanes with high performance, Proficiency check multi pilot aeroplane and single pilot complex aeroplane with high performance,

Instructions for completing form

- A. Please tick the appropriate boxes for relevant test/check. If the PC is conducted for the revalidation of a valid rating, please tick "Revalidate". If the rating has lapsed the applicant must have undergone approved refresher training. See part "F" page 2 in the protocol.
- **B.** Please enter the complete information. "Licence endorsement" means the relevant type of aeroplane according to EASA Class and Type Rating List (Aeroplanes).
- C. Personal information of the applicant. "Total flight time" is the applicants total flight time on the relevant category of aircraft. "Total flight time" is the only record of flight time that the applicant needs to report in case of a proficiency check. In case of a skill test, all boxes needs to be filled out.

AMC1 ARA.GEN.315 Applicant VERIFICATION OF COMPLIANCE By ticking this box you certify that you:

- (1) do not hold any personnel licence, certificate, rating, authorisation or attestation with the same scope and in the same category issued in another Member State;
- (2) has not applied for any personnel licence, certificate, rating, authorisation or attestation with the same scope and in the same category in another Member State: and
- (3) has never held any personnel licence, certificate, rating, authorisation or attestation with the same scope and in the same category issued in another Member State which was revoked or suspended in any other Member State.

Incorrect information could disqualify you from being granted a personnel licence, certificate, rating, authorization or attestation.

D. This section is to be completed by the Head of Training of the ATO if the purpose is a skill test after basic training or a PC after approved refresher training for the renewal of a lapsed type- or class rating. If the training is performed as an approved zero flight time training course, the head of training must indicate it in the appropriate box

Applicants who have completed a Part-FCL type rating course at a non-Swedish ATO must attach the following documents to the application:

- Course completion certificate.
- ATO Approval Certificate.
- FSTD qualification certificate.
- The Examiners certificate documents including copy of the licence.
- Copy of the licence of the TRI responsible for the aircraft training or LIFUS as applicable.
- E. The result of the test. In case of non-Swedish examiner, the following attachments are required; The Examiners certificate documents including copy of the license
- F. This section is a checklist with prerequisites for the examiner to check before the test/check. Please mind that a Temporary Rating cannot be issued if the Licence has lapsed. The examiner should inform the applicant that flying is prohibited until all necessary documents are complete and valid. Please note that the examiner must sign and thus affirm that he has checked all prerequisites before the test.

- G.
- 1. The following symbols mean:
 - P = Trained as Pilot-in-command or Co-pilot and as Pilot Flying (PF) and Pilot Not Flying (PNF) for the issue of a type rating as applicable.
 - X = Simulators shall be used for this exercise, if available, otherwise an aircraft shall be used if appropriate for the manoeuvre or procedure.
 - P# = the training shall be complemented by supervised aeroplane inspection
- The practical training shall be conducted at least at the training equipment level shown as (P), but may be conducted up to any higher equipment level shown by the arrow (→).

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

A = Aeroplane

FS = Flight Simulator

FTD = Flight Training Device

OTD = Other Training Devices

- 3. The starred items (*) shall be flown solely by reference to instruments. If this condition is not met during the skill test or proficiency check, the type rating will be restricted to VFR only.
- 4. Where the letter 'M' appears in the skill test/proficiency check column this indicates a mandatory exercise.
- 5. A flight simulator shall be used for practical training and testing if the simulator forms part of an approved type-rating course. The following considerations will apply to the approval of the course:
 - a. the qualification of the flight simulator or FNPTII as set out in Part-ORA;
 - b. the qualifications of the instructor and examiner;
 - c. the amount of line-orientated simulator training provided on the course;
 - d. the qualifications and previous line operating experience of the pilot under training; and
 - e. the amount of supervised line flying experience provided after the issue of the new type rating.
- 6. In the case of single-pilot high performance complex aeroplanes, when a skill test or proficiency check is performed in multi-pilot operations, the type rating shall be restricted to multi-pilot operations. If privileges of single-pilot are sought, the manoeuvres/procedures in 2.5, 3.9.3.4, 4.3, 5.5 and at least one manoeuvre/procedure from section 3.4 have to be completed in addition as single-pilot.
- 7. The following limits shall apply corrected to make allowance for turbulent conditions and the handling qualities and performance of the aeroplane used:

Height:

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	Generally	±100 feet
	Starting a go-around at decision height	+50 feet/-0 feet
	Minimum descent height/altitude	+50 feet/-0 feet

Tracking:

On radio aids	±5°
For "angular" deviations	Half scale deflection, azimuth and glide path (e.g. LPV, ILS, MLS, GLS)
2D (LNAV) and 3D (LNAV/VNAV) "linear" deviations	Cross track error/deviation shall normally be limited to ± ½ the RNP value associated with the procedure. Brief deviations from this standard up to a maximum of 1 time the RNP value are allowed.
3D linear vertical deviations (e.g. RNP APCH (LNAV/VNAV) using BaroVNAV)	Not more than -75 feet below the vertical profile at any time, and not more than +75 feet above the vertical profile at or below 1000 feet above aerodrome level.

Heading:

All engines operating	±5°
With simulated engine failure	±10°

Speed:

All engines operating	±5 knots
With simulated engine failure	+10 knots/-5 knots

- 8. 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.
- **H.** Details of the flight .Please enter the simulator approval number if the test is conducted in a simulator.
- I. Comments regarding the conduct of items.
- J. Additional information regarding the conditions during the test/check. E.g. Staff, weather etc.
- K. Details of take-off and landing completed in a qualified FSTD and the number of initial take off and landings as part of a zero flight time training course. Please note that the form shall be submitted to Transportstyrelsen after the completion of the skill test. After completion of the zero flight time training, the completed form shall be submitted again.
- L Details of the aeroplane training (landings).