

Present AMC and Alternate AMC to ARA.FCL.300 (b) Comparison tables of the Netherlands

For direct comparison, the present AMC question distribution figures are shown in the grey highlighted columns and the Alternate AMC question distribution figures in the adjacent column to the right. Where the Alternate AMC question numbers have been increased, they are highlighted in green, and conversely where question numbers have been reduced, they are highlighted in pink. To aid numerical subpart identification, a description of the subpart has been added in the right hand column.

Subject: 010 – AIR LAW													
Theoretical knowledge examination													
Exam length, total number of questions and distribution of questions													
Time (hr)	ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area						
	0	0:45	1:00	0:45	0:45	0:45							
Distribution of questions with regard to the topics of the syllabus													
010 01	3	2	2	2	3	2	3	2	2	1	XX	XX	International law: conventions, agreements and organisations
010 02	2	1	2	1	2	2	2	1	1	XX	XX	XX	Airworthiness of aircraft
010 03	1	1	1	1	1	1	1	1	1	XX	XX	XX	Aircraft nationality
010 04	2	2	2	2	2	2	2	2	2	1	1	1	Personnel licensing
010 05	8	9	8	8	8	8	8	8	8	8	8	8	Rules of the air
010 06	7	7	4	3	7	8	3	3	4	4	7	7	Air Navigation Services – Aircraft operations
010 07	5	8	3	6	5	8	3	6	3	6	5	6	Air Traffic Services and Air Traffic Management
010 08	2	3	2	2	2	2	2	2	2	2	2	2	Aeronautical Information Services
010 09	6	6	4	4	6	6	4	4	4	4	6	5	Aerodromes (Annex 14- Design and Ops)
010 10	2	1	1	1	2	1	1	1	1	1	XX	XX	Facilitation (Annex 9)
010 11	2	1	2	1	2	2	2	1	2	1	XX	XX	Search and Rescue
010 12	2	2	1	1	2	2	1	1	1	1	XX	XX	Security
010 13	2	1	1	1	2	2	1	1	1	1	XX	XX	Aircraft accident and incident investigation
Total questions	44	44	33	33	44	44	33	33	33	33	29	29	

Subject: 021 – AIRCRAFT GENERAL KNOWLEDGE – AIRFRAME/SYSTEMS/POWER PLANT

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

Time (Hr)	ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
2:00		1:30	2:00	2:00	1:30	XX	

Distribution of questions with regard to the topics of the syllabus

021 01	4	2	2	1	4	4	2	2	2	1	XX	XX	Loads/stresses/fatigue/corrosion/maintenance	
021 02	4	3	4	3	4	4	3	2	2	2	XX	XX	Airframe construction & materials	
021 03	5	5	2	2	4	4	4	3	3	3	XX	XX	Hydraulics	
021 04	5	6	6	5	4	4	3	2	2	2	XX	XX	Landing gear, wheels, tyres & brakes	
021 05	7	7	4	4	6	6	5	3	3	3	XX	XX	Flight controls	
021 06	5	5	4	3	4	4	2	2	2	1	XX	XX	Pressurisation and air cond	
021 07	4	3	4	3	2	2	2	2	2	1	XX	XX	Anti and De-icing	
021 08	6	5	4	3	4	4	3	4	4	2	XX	XX	Fuel systems	
021 09	6	12	6	9	6	12	4	4	9	9	XX	XX	Electrics	
021 10	6	6	14	14	6	8	6	8	10	10	XX	XX	Piston engines +props (A)	
021 11	20	20	6	9	20	20	13	13	13	13	XX	XX	Turbine engines	
021 12	4	3	2	2	2	2	2	2	2	1	XX	XX	Protection & detection Smoke/fire	
021 13	4	3	2	1	XX	XX	XX	XX	XX	XX	XX	XX	Oxygen systems	
021 14	XX	XX	XX	XX	1	1	1	1	1	1	XX	XX	Helicopter miscellaneous	
021 15	XX	XX	XX	XX	4	4	4	3	3	3	XX	XX	Helicopter rotor heads	
021 16	XX	XX	XX	XX	6	6	6	5	5	5	XX	XX	Helicopter transmission	
021 17	XX	XX	XX	XX	3	3	3	4	3	3	XX	XX	Helicopter blades	
Total questions	80	80	60	60	80	80	80	80	80	60	60	XX	XX	

Subject: 022 – AIRCRAFT GENERAL KNOWLEDGE – INSTRUMENTATION Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
1:30	1:00	1:30	1:30	1:00	0:30	

Distribution of questions with regard to the topics of the syllabus

022 01	8	7	8	7	8	9	8	9	8	8	XX	XX	Sensors /gauges
022 02	8	8	6	7	8	10	6	10	8	8	6	6	Pressure instruments/ AOA /temperature /ADC
022 03	4	3	4	3	4	4	4	4	4	4	4	2	Magnetism/DRMC/ flux valve
022 04	4	5	5	5	6	7	5	7	6	6	4	4	Gyroscopic instruments
022 05	5	3	XX	XX	3	3	XX	3	XX	XX	XX	XX	INS & IRS
022 06	8	8	6	6	XX	XX	XX	XX	XX	XX	XX	XX	Auto flight control systems (A)
022 07	XX	XX	XX	XX	14	7	14	7	8	4	XX	XX	Auto flight control systems (H)
022 08	3	3	2	2	XX	XX	XX	XX	XX	XX	XX	XX	Trim/Yaw damper/flight envelope protection
022 09	2	2	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	Autothrottle and automatic thrust control system
022 10	2	2	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	Communication systems
022 11	4	4	XX	XX	4	4	XX	4	XX	XX	XX	XX	Flight Management Systems
022 12	6	9	4	4	6	9	4	9	6	6	3	5	Alerting & proximity systems
022 13	4	4	4	4	5	4	5	4	4	3	3	3	Integrated systems/electronic displays
022 14	1	1	XX	XX	1	1	1	1	XX	XX	XX	XX	Maintenance, monitoring and recording systems
022 15	1	1	XX	XX	1	2	1	2	XX	XX	XX	XX	Digital circuits and computers
Total questions	60	60	39	39	60	60	60	60	39	39	20	20	

Subject: 031 – FLIGHT PERFORMANCE AND PLANNING - MASS AND BALANCE

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
1:00	1:00	1:00	1:00	1:00	XX	

Distribution of questions with regard to the topics of the syllabus

031 01	3	3	3	3	3	3	XX	XX	Purpose of Mass and balance
031 02	5	5	5	5	5	5	XX	XX	Loading
031 03	5	2	5	2	5	2	XX	XX	Fundamentals of CG calculations
031 04	5	4	5	4	5	4	XX	XX	Moments/BEM CG/ %MAC
031 05	5	5	5	5	5	5	XX	XX	Determination CG/Load & Trim sheets/Effect of shift-add-remove on CG
031 06	2	2	2	2	2	2	XX	XX	Cargo handling /area & running load limitations
Total questions	25	25	25	25	25	25	XX	XX	

Subject: 032 – FLIGHT PERFORMANCE AND PLANNING – PERFORMANCE (AEROPLANES)

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H) Appendix 6A.1.	Syllabus area
1:00	0:45	XX	XX	XX	XX	

Distribution of questions with regard to the topics of the syllabus

032 01	5	5	5	5	5	5	XX	XX	XX	XX	General Performance Theory
032 02	10	2	10	5	5	5	XX	XX	XX	XX	Class B- Single Engine Aeroplanes
032 03	10	4	10	8	8	8	XX	XX	XX	XX	Class B- Multi Engine Aeroplanes
032 04	10	XX	XX	XX	XX	XX	XX	XX	XX	XX	Performance Class A
Total questions	35	35	25	25	XX	XX	XX	XX	XX	XX	

Subject: 033 – FLIGHT PERFORMANCE AND PLANNING – FLIGHT PLANNING AND MONITORING

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
Time (hr)	2:00	1:30	2:00	1:30	1:30	

Distribution of questions with regard to the topics of the syllabus

033 01	5	5	10	5	9	5	10	5	11	XX	XX	VFR Navigation plan
033 02	10	11	XX	XX	11	XX	XX	XX	XX	10	15	IFR Navigation plan
033 03	10	12	10	10	9	10	9	10	9	5	5	Fuel planning
033 04	8	4	8	2	8	4	4	8	2	8	2	Pre flight planning
033 05	5	5	5	6	5	5	5	5	6	5	6	ICAO flight plan
033 06	5	5	5	5	5	5	5	5	5	5	5	Flight monitoring and in flight replanning
Total questions	43	43	33	33	43	43	33	33	33	33	33	

Subject: 034 – FLIGHT PERFORMANCE AND PLANNING – PERFORMANCE (HELICOPTERS)

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
Time (hr)	XX	XX	1:00	1:00	0:45	XX

Distribution of questions with regard to the topics of the syllabus

034 01	XX	XX	XX	15	15	15	15	15	XX	XX	XX	General Performance Theory
034 02	XX	XX	XX	5	5	5	5	5	XX	XX	XX	Performance Class 3
034 03	XX	XX	XX	5	5	5	5	5	XX	XX	XX	Performance Class 2
034 04	XX	XX	XX	10	10	10	10	10	XX	XX	XX	Performance Class 1
Total questions	XX	XX	XX	35	35	35	35	20	20	XX	XX	

Subject: 040 – HUMAN PERFORMANCE

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

Time (hr)	ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
1:00		0:45	1:00	1:00	0:45	0:45	
Distribution of questions with regard to the topics of the syllabus							
040 01	2	1	2	2	1	1	Basic concepts
040 02	33	26	33	28	26	21	Physiology
040 03	13	9	13	18	9	14	Psychology
Total questions	48	36	48	48	36	36	

Subject: 050 – METEOROLOGY

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

Time (hr)	ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
2:00		1:30	2:00	2:00	1:30	1:30	
Distribution of questions with regard to the topics of the syllabus							
050 01	11	9	11	11	9	9	The atmosphere
050 02	11	6	11	10	6	6	Wind
050 03	4	4	4	4	4	4	Thermodynamics
050 04	7	6	7	7	6	6	Clouds and fog
050 05	3	3	3	2	3	2	Precipitation
050 06	7	7	7	7	7	6	Air masses and fronts
050 07	6	2	6	6	2	2	Pressure systems
050 08	8	3	8	8	3	3	Climatology
050 09	11	9	11	11	11	11	Flight hazards
050 10	16	14	16	16	14	14	Meteorology information
Total questions	84	63	84	84	63	63	

Subject: 061 – GENERAL NAVIGATION

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
2:00	1:30	2:00	2:00	1:30	XX	

Distribution of questions with regard to the topics of the syllabus

061 01	12	7	10	12	15	12	15	7	10	XX	XX	Basics of navigation
061 02	4	1	4	4	1	4	1	4	1	XX	XX	Magnetism and compasses
061 03	14	14	12	12	14	14	14	12	12	XX	XX	Charts
061 04	16	16	11	11	16	16	16	11	11	XX	XX	Dead reckoning navigation
061 05	14	14	11	11	14	14	14	11	11	XX	XX	In flight navigation
Total questions	60	60	45	45	60	60	60	45	45	XX	XX	

Subject: 062 – RADIO NAVIGATION

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
1:30	0:30	1:30	1:00	0:30	1:00	

Distribution of questions with regard to the topics of the syllabus

062 01	7	7	4	4	7	7	5	5	4	4	2	2	Basic radio propagation theory
062 02	21	21	12	12	21	21	15	15	12	12	23	23	Radio aids
062 03	12	12	2	2	12	12	8	8	2	2	5	5	Radar
062 04	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	
062 05	15	15	XX	XX	15	15	XX	XX	XX	10	10	10	Area Navigation systems
062 06	11	11	4	4	11	11	6	6	4	4	4	4	Global Navigation systems
Total questions	66	66	22	22	66	66	34	34	22	22	44	44	

Subject: 070 – OPERATIONAL PROCEDURES

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

Time (hr)	ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
1:15		0:45	1:00	1:00	0:45	XX	

Distribution of questions with regard to the topics of the syllabus

071 01	25	25	18	18	20	18	20	14	13	XX	XX	General requirements
071 02	20	20	12	12	14	15	14	12	14	XX	XX	Special procedures and hazards
071 03	XX	XX	XX	XX	6	3	6	3	3	XX	XX	Emergency procedures (helicopters)
Total questions	45	45	30	30	38	38	38	38	30	30	XX	XX

Subject: 081 – PRINCIPLES OF FLIGHT (AEROPLANES)

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

Time (hr)	ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
1:00		0:45	XX	XX	XX	XX	

Distribution of questions with regard to the topics of the syllabus

081 01	17	17	14	14	XX	XX	XX	XX	XX	XX	XX	Subsonic aerodynamics
081 02	6	6	XX	XX	XX	XX	XX	XX	XX	XX	XX	High speed aerodynamics
081 03	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
081 04	6	5	6	5	XX	XX	XX	XX	XX	XX	XX	Stability
081 05	4	4	3	3	XX	XX	XX	XX	XX	XX	XX	Control
081 06	3	3	3	3	XX	XX	XX	XX	XX	XX	XX	Limitations
081 07	4	4	3	3	XX	XX	XX	XX	XX	XX	XX	Propellers
081 08	4	5	4	5	XX	XX	XX	XX	XX	XX	XX	Flight mechanics
Total questions	44	44	33	33	XX	XX	XX	XX	XX	XX	XX	

Subject: 082 – PRINCIPLES OF FLIGHT (HELICOPTERS)

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
XX	XX	1:00	1:00	1:00	XX	

Distribution of questions with regard to the topics of the syllabus

082 01	XX	XX	XX	5	5	5	XX	XX	Subsonic aerodynamics
082 02	XX	XX	XX	3	3	3	XX	XX	Transonic and compressibility effects
082 03	XX	XX	XX	1	1	1	XX	XX	Rotorcraft types
082 04	XX	XX	XX	12	12	12	XX	XX	Main rotor aerodynamics
082 05	XX	XX	XX	10	10	10	XX	XX	Main rotor mechanics
082 06	XX	XX	XX	5	5	5	XX	XX	Tail rotors
082 07	XX	XX	XX	5	5	5	XX	XX	Equilibrium, stability and control
082 08	XX	XX	XX	3	3	3	XX	XX	Helicopter flight mechanics
Total questions	XX	XX	XX	44	44	44	XX	XX	

Subject: 091 – VFR COMMUNICATIONS

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions

ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area
0:30	0:30	0:30	0:30	0:30	XX	

Distribution of questions with regard to the topics of the syllabus

091 01	5	5	5	5	5	5	XX	XX	Definitions
091 02	11	11	11	11	11	11	XX	XX	General operating procedures
091 03	2	2	2	2	2	2	XX	XX	Weather information terms
091 04	2	2	2	2	2	2	XX	XX	Action communication failure
091 05	2	2	2	2	2	2	XX	XX	Distress and urgency procedures
091 06	2	1	2	2	1	2	XX	XX	General principles of propagation and allocation of frequencies
Total questions	24	24	24	24	24	24	XX	XX	

Subject: 092 – IFR COMMUNICATIONS

Theoretical knowledge examination

Exam length, total number of questions and distribution of questions													
	ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)	CPL(H)	IR (A)&(H)	Syllabus area						
Time (hr)	0:30	XX	0:30	XX	XX	0:30							
Distribution of questions with regard to the topics of the syllabus													
092 01	5	5	XX	XX	5	5	5	5	5	5	5	Definitions	
092 02	11	11	XX	XX	11	11	11	11	11	11	11	General operating procedures	
092 03	2	2	XX	XX	2	2	2	2	2	2	2	Action to be taken in case of communication failure	
092 04	2	2	XX	XX	2	2	2	2	2	2	2	Distress and urgency procedures	
092 05	2	1	XX	XX	2	1	2	1	2	1	1	Relevant weather information term	
092 06	2	1	XX	XX	2	1	2	1	2	1	1	General principles of propagation and allocation of frequencies	
092 07	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	Morse code	
Total questions	24	24	XX	XX	24	24	XX	XX	XX	XX	24	24	