



EUROPEAN AVIATION SAFETY AGENCY
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT

FCL.008 Workshop

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"Qualifications for flying in IMC"

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R - Flight Standards

Your safety is our mission.





NPA contents

Proposal No. 2

Competency based modular IR course

„Accessible IR“



AGENDA

- **Concept - idea behind**
- **Pre-requisites**
- **Training**
- **TK exam / Skill Test / revalidation**
- **Additional information**



CB-modular IR – Concept



- **Need for a more accessible IR**
- **Criticised issues in the past were:**
 - **level of TK instruction/exam**
 - **training only provided in ATO**
 - **no crediting for prior experience**



CB-modular IR – Concept



- **Same level of skill as Part-FCL IR**
- **ICAO Annex 1 is the base line**
- **Only for aeroplanes – feedback**
- **Review of Syllabus and LOs**
- **Crediting for prior experience**
- **Why: „competency based modular“**



CB-IR – Pre-requisites



- **PPL or CPL**
- **At least 50 hours cross-country as pilot-in-command**
- **Night Rating**



CB-IR – Training (1)



- **40 h of instrument flight instruction**
- **30 h instrument ground training**
- **Up to 30 hours instrument time may be counted towards the 40 hours**
- **Pre-course assessment in an ATO**
- **at least 10h to be completed in ATO**



CB-IR – Training (2)



When the applicant has:

- completed instrument flight instruction under the supervision of an IRI(A) or an FI(A) holding the privilege to provide training for the IR; or
- prior experience of flight time by reference to instruments as PIC on aeroplanes, under a rating giving the privileges to fly under IFR or in IMC,

these hours may be counted towards the 40 hours above up to a maximum of 30 hours. To determine the amount of hours credited and to establish the training needs, the applicant shall complete a pre-course assessment flight at an ATO. In any case, the flight instruction part of the training course shall include at least 10 hours of dual instrument flight instruction in an aeroplane at an ATO and the total amount of dual instrument instruction time shall not be less than 25 hours.



CB-IR – Training (3)



- **Total dual instruction time: 25 h**
- **Flight Instruction in Appendix 6**
- **As for Basic and Procedural Module**
- **So far no specific route for ME**



CB-IR – TK / Exam



- **TK & examination – same as for EIR**
- **TK instruction already explained**
- **Examination based on reduced LOs**
 - **reduced amount of questions**
 - **shorter examination time**



CB-IR – TK / Exam



AMC1 FCL.615

DETAILED THEORETICAL KNOWLEDGE SYLLABUS AND LEARNING OBJECTIVES

Subject Air Law (Competency-based modular course according to Appendix 6 A.2)

Syllabus reference	Syllabus details and associated Learning Objectives	IR A.1	IR(A) A.2
010 00 00 00	AIR LAW		
010 04 00 00	PERSONNEL LICENSING		
010 04 01 00	ICAO Annex 1		
010 04 01 01	Differences between ICAO Annex 1 and Part-FCL		
LO	Describe the relationship and differences between ICAO Annex 1 and Part-FCL	x	
010 04 02 00	Regulation on Air Crew - Part-FCL		
010 04 02 01	Definitions		
LO	Define the following: Category of aircraft, cross country flight, dual instruction time, flight time, flight time as SPIC, instrument time, instrument flight time, instrument ground time, MCC, multi-pilot aeroplanes, night, PPL, CPL, proficiency check, rating, renewal, revalidation, skill test, solo flight time, type of aircraft	x	x
010 04 02 02	Part-FCL		
LO	Name the content of PART-FCL	x	x
LO	Understand the differences between sections for aeroplanes and helicopters in Part-FCL	x	
LO	Explain the requirements to act as a flight crew member of a civil aeroplane registered in an EU Member State	x	
LO	State to what extent EU Member States will accept licences etc. issued by other EU Member States	x	
LO	List the maximum period of time for which the different licences may be issued	x	
LO	Describe the two factors that are relevant for the validity of a licence	x	
LO	Define the term "issuing competent authority"	x	
LO	Describe the requirement to carry a flight crew licence	x	
010 04 02 05	Ratings		



CB-IR – TK / Exam



AMC2 ARA.FCL.300(b) Examination procedure

THEORETICAL KNOWLEDGE EXAMINATIONS FOR THE EN-ROUTE INSTRUMENT RATING (EIR) AND THE INSTRUMENT RATING (IR)

The following tables contain the number of questions, the distribution of questions related to the different syllabus topics and the time allowed for the theoretical knowledge examination. The table on the right contains the necessary details for the theoretical examination of applicants for the En-route Instrument Rating (EIR) and the IR(A) based on the competency-based modular course according to Appendix 6 A.2. The table on the left contains the same details for the IR(A) and (H) examination according to Appendix 6 A.1.



CB-IR – TK / Exam



Subject: 040 HUMAN PERFORMANCE

Theoretical knowledge examination

Exam length and total questions

	IR(A) & (H) Appendix 6 A.1.	EIR & IR(A) Appendix 6 A.2.
Time allowed	0:45	0:20
Distribution of questions with regard to the topics of the syllabus		
040 01	01	01
040 02	26	07
040 03	09	04
Total questions	36	12



CB-IR – TK / Skill test



- **Skill test the same as for Part-FCL IR (Appendix 7)**
- **Valid for 12 months**
- **Revalidation: proficiency check**



CB-IR – Additional aspects



- **What about the deleted LOs and syllabus items?**
- **Proposal is to add them to the HPA TK course and add some questions in the examination (ATO)**



CB-IR – Additional aspects



- **Additional privileges for instructors and examiners introduced**
- **Facilitate a wider skill base**
- **IRI/FI versus ATO? Pre-course assessment should solve this**
- **Crediting for TC IR holders**



CB-IR – Crediting TC IR



Applicants holding a Part-FCL PPL or CPL and a valid IR(A) issued in compliance with ICAO:

May be credited in full towards the training course mentioned in 4 above
Shall complete the skill test for the IR
Shall demonstrate knowledge of Air Law, MET, Flight Planning and Performance and Human Performance



CB-IR – Crediting TC IR



Shall demonstrate knowledge of English in accordance with FCL.055

Shall have a minimum experience of at least 100 hours of instrument flight time as PIC on aeroplanes.



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Thank you !

**Questions or
remarks ?**

<http://easa.europa.eu>

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