



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

FCL.008 Workshop

30 September 2011 Cologne

NPA 2011-16

"Qualifications for flying in IMC"

Matthias Borgmeier
R - Flight Standards

Your safety is our mission.





FCL.008 Workshop 30 September 2011

Welcome again & thanks for being here!



Matthias Borgmeier / EASA Rulemaking - FCL Section



Abbreviations



BR – Basic Regulation

ER - Essential Requirements (Annex 3)

NPA – Notice of proposed Amendment

IR – Implementing Rules

AMC – Acceptable Means of Compliance



Abbreviations



ARA - Authority Requirements Air Crew

ORA - Organisation Requirements AC

ATO - Approved Training Organisation

TK - Theoretical Knowledge



Abbreviations



EIR - En-route Instrument Rating

IRI - Instrument Rating Instructor

FI(S) - Flight Instructor (sailplanes)

LOs - Learning Objectives



NPA contents

Proposal No. 1

En-route Instrument Rating

EIR



AGENDA

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



FCL.008 Workshop



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EIR – Concept



- **New entry level instrument rating**
- **Less training – reduced privileges**
- **“fly safely in the en-route phase”**
- **Accidents of VFR pilots in IMC**
- **A module on the way to the full IR**



EIR – Pre-requisites



- **PPL or CPL**
- **At least 20 hours cross-country as pilot-in-command**



EIR – Training



- **15 h by reference to instruments**
- **At least 10h to be completed in ATO**
- **Exercises in AMC 2 FCL.825 (p. 185)**
- **Basics / en-route / transition**
- **IFR in contr. airspace/IFR approach**
- **ME-route is also proposed**



EIR & CB-IR – TK & Examination

- **TK as for new CB-IR**
- **Concept behind the review**
- **LOs significantly reduced (later)**
- **Syllabus AMC 1 FCL.615 & FCL.825**





EIR & CB-IR – TK & Examination

- **Approved TK course of 100 h**
- **E-learning / CBT allowed**
- **At least 10 h classroom teaching**
- **Examination procedures changed**





EIR – Skill test



- **Skill test with an IRE**
- **See: AMC 4 FCL.825 (p. 186)**



EIR – Skill test



SECTION 3

EN-ROUTE IFR PROCEDURES

a	Transition to instrument flight
b	Tracking, including interception, e.g. NDB, VOR, RNAV
c	Use of radio aids
d	Level flight, control of heading, altitude and airspeed, power setting, trim technique
e	Altimeter settings
f	Timing and revision of ETAs (En-route hold – if required)
g	Monitoring of flight progress, flight log, fuel usage, systems management
h	Simulated emergency situation(s)
i	Ice protection procedures, simulated if necessary
j	Simulated diversion to alternate airfield
k	Transition to visual flight
l	ATC liaison and compliance, R/T procedures



EIR – Revalidation/Renewal



- **EIR valid for 12 months**
- **Revalidation: proficiency check**
- **Renewal: refresher training & check**
- **If more than 7 years: also TK exam**



EIR – Additional aspects



- **Additional privileges for instructors and examiners introduced**
- **Facilitate a wider skill base**
- **„Module“ to be credited**
- **Valuable tool to reduce accidents**
- **Potential risk is mitigated**
- **IRI/FI versus ATO (5 hours - later)**



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Thank you !

Questions or remarks ?

<http://easa.europa.eu>

Your safety is our mission.