



Theoretical knowledge requirements for licences and instrument rating

From JARs to IRs: Flight Crew Licensing

[illegible]



Prerequisites for the skill test

- **Theoretical instruction completed before the skill test** *FCL.030(a)*
- **Except for integrated courses, **pass** required before the skill test** *FCL.030(a)*



Syllabuses : General

➤ Subjects derived from Basic Regulation

➤ BPL = LPL (B) and SPL = LPL (S)

*AMC 3 to
FCL.210
and
FCL.215*

➤ Different lay-out for LPL

- ★ Common (Air Law, HP, MET, COM)

- ★ Specific to category



Syllabuses: Status

➤ Professional = Rule

Appendix 2

- ★ Prevents deviating
- ★ Amendment => Opinion

➤ Private = AMC

- ★ Allows adapting to specific needs
- ★ A different syllabus may be proposed

*AMC to
FCL.115 and
FCL.120*

*AMC 1, 2 and
3 to FCL.210
and FCL.215*



Syllabuses: the Subjects

- **Air Law;**
- **Aircraft General Knowledge - Airframe/
Systems/ Power plant;** *FCL.120*
- **Aircraft General Knowledge –
Instrumentation;** *FCL.215*
- **Mass and balance;**
- **Performance;**
- **Flight Planning and Monitoring;** *FCL.310*
- **Human Performance;**
- **Meteorology;**
- **General Navigation;** *FCL.515(b)*
- **Radio Navigation;**
- **Operational Procedures;**
- **Principles of flight;** *FCL.615(b)*
- **VFR Communications;**
- **IFR Communications.**



Syllabuses : Instrument Rating

➤ **Same for helicopters and aeroplanes**

Appendix2

➤ **Specific for airships**

➤ **Future task will consider adequacy to PPL**



Training: Minimum hours

ATP(A) integrated, MPL or ATP/IR (H) integrated	750
ATP(H) integrated	650
ATPL modular	650/400/ 500/250
CPL/IR integrated	500
CPL integrated	350/200
CPL modular	250
IR	150

*Appendix 3
and*

*AMC to
Appendix 3*

FCL.515

*Appendix 5
and GM to
Appendix 5*

*Appendix 6
and AMC1
to
Appendix 6*



Examination: Pass Standards

- **75% of the marks**
- **4 attempts for each examination paper**
- **6 attempts for all examination papers**
- **18 months**



FCL.025(b)



Examination: for LPL and PPL

➤ **120 MCQs**

*AMC to
FCL.120 and
FCL.125*

➤ **Possible classroom testing for
Communication**

*AMC to
FCL.215 and
FCL.220*



Examination: for professional licences A and H

- **Requirements for compilation of examination papers**
- **Questions coming from AMC (=question bank)**
- **Call for tender for maintenance of AMC (=bank management)**
- **2 GM**
 - ★ **methodology (developed for Part 66)**
 - ★ **Learning objectives**



*Provisions in
Part AR*



Examination: for CPL(As) and IR(As)

- **Requirements for compilation of examination papers**

Part AR

- **Learning objectives, question bank = future work?**



Examination: Knowledge crediting

- **CPL(ATPL)->PPL, LPL (CPL,IR) same cat.**
- **IR->IR other cat.**
- **LPL-> LPL other cat. (Common)**
- **LPL->PPL, BPL, SPL (full)**
- **IR-> CPL same cat. (HP, MET)**
- **CPL/ ATPL->CPL/ATPL other cat.**
- **COM(A)->COM ATPL(A)**
- **CPL(H)/IR(H)->ATPL(H)**
- **CPL->IR same cat. (HP, MET)**
- **ATPL/VFR(H)->IR(H)**

FCL.035(b)

Appendix1



Questions?

➤ **THANK YOU FOR YOUR
ATTENTION**

➤ **www.easa.europa.eu**