

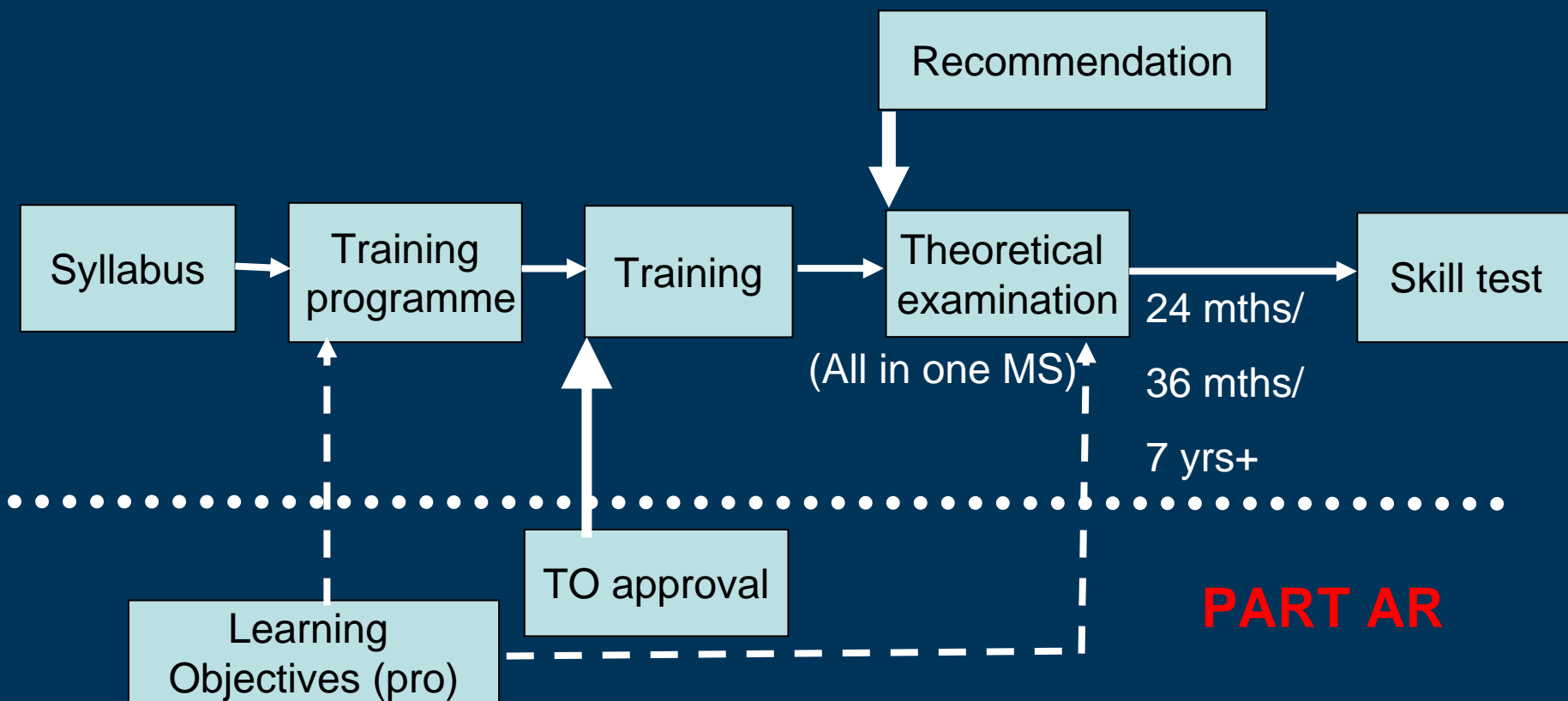


Theoretical knowledge requirements for licences and instrument rating

From JARs to IRs: Flight Crew Licensing



Theoretical training process





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
- Specific for airships
- Future task will consider adequacy to PPL

Appendix2



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