



EASA

European Aviation Safety Agency



Workshop 10./11. June 2008

From JARs to IRs – Flight Crew Licensing

The Private Pilot Licence PPL
The Sailplane Pilot Licence SPL
The Balloon Pilot Licence BPL

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Flight Crew Licensing Private Pilot Licence



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- ✧ **Introduction**
- ✧ **General Requirements (Subpart A)**
- ✧ **PPL / SPL / BPL (Subpart C)**
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- ✧ **Content of the AMCs/GM**
- ✧ **Summary**

Discussion



FCL – Structure

NPA 2008/17b Draft Opinion Part-FCL



Annex I to Implementing Regulation Part-FCL

- Subpart A - General Requirements
- Subpart B - Leisure Pilot Licence (LPL)
- Subpart C - PPL / SPL / BPL
- Subpart D/E/F - CPL / MPL / ATPL
- Subpart G - Instrument Rating - IR
- Subpart H - Class and Type ratings
- Subpart I - Additional Ratings
- Subpart J - Instructors
- Subpart K - Examiners



FCL – Structure

NPA 2008/17b Draft Opinion Part-FCL



Part-FCL

Appendices 1 – 12

- ➔ Appendix 1 – Crediting of Theoretical Knowledge
- ➔ Appendix 12 – Skill Test, Proficiency Check - Instructor

Draft Decision AMC and GM for Part-FCL

- ➔ AMC and GM to Subpart A – General Requirements
- ➔ AMC and GM to Subpart C – PPL / SPL / BPL
- ➔ AMC and GM to Subparts I / J / K
- ➔ AMC to Appendix 12 (Instructor skill test form)



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Private Pilot Licence

NPA 2008/17b Draft Opinion Part-FCL



→ The concept for the PPL / SPL / BPL

- Transfer of JAR-FCL
- ICAO Annex II
- national requirements SPL /BPL
- proposals of the experts



The outcome ? PPL / SPL / BPL

Annex I to Implementing Regulation Part-FCL Subpart A - General Requirements

FCL.010 Definitions

- aerobatic flight
- airship definition
- Flight time definition
- group of balloons
- (powered) sailplane / Touring Motor Glider



Requirements for PPL / SPL / BPL



Part-FCL

Subpart A - General Requirements

- **FCL.015 Issue of licences, ratings & certificates**
 - **FCL.020 Student Pilot (age before solo)**
 - **FCL.025 Theoretical knowledge examinations**
 - **FCL.030 Practical skill test**
 - **FCL.035 Crediting of flight time and TK**
 - **FCL.055 Language proficiency**
 - **FCL.060 Recent experience**



Subpart C

PPL / SPL / BPL

Part-FCL



Subpart C – PPL / SPL /BPL (page 18-22)

Section 1 – Common Requirements

- **FCL.200 Minimum Age (16/17 years)**
 - **FCL.205 Conditions**
- **FCL.215 Theoretical Knowledge examination**
 - **FCL.235 Skill test**



Subpart C

PPL / SPL / BPL



Section 2 – Specific Requirements for the PPL(A)

FCL.205.A PPL(A) - Privileges

- ➔ (a) The privileges of the holder of a PPL(A) are to act without remuneration as pilot in command or copilot of aeroplanes engaged in noncommercial operations.
- ➔ (b) Notwithstanding the paragraph above, the holder of a PPL(A) may receive remuneration for the provision of flight instruction for the LPL(A) or the PPL(A).



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Subpart C

PPL / SPL / BPL



Section 2 – Specific Requirements for the PPL(A)

FCL.210.A – Experience requirements and crediting

- 45 hours of flight time (max. 5h FSTD)
 - 25 h dual & 10h solo
 - 5h solo cross country & 150 NM flight
- LPL(A) -> PPL(A): 5 h as PIC & 10h dual
- crediting up to 10 hours (no credits for BPL)



Subpart C

PPL / SPL / BPL



Section 3 – Specific Requirements for the PPL(H)

FCL.205.H PPL(H) - Privileges

- (a) The privileges of the holder of a PPL(H) are to act without remuneration as pilot in command or copilot of helicopters engaged in noncommercial operations.
- (b) Notwithstanding the paragraph above, the holder of a PPL(H) may receive remuneration for the provision of flight instruction for the LPL(H) or the PPL(H).



Subpart C

PPL / SPL / BPL



Section 3 – Specific Requirements for the PPL(H)

FCL.210.H – Experience requirements and crediting

- 45 hours of flight time (max. 5h FSTD)
- 25 h dual including 5h instrument & 10h solo
 - 5h solo cross country & 100 NM flight
- LPL(H) -> PPL(H): 5 h dual instrument instruction
 - crediting up to 6 hours (no credits for BPL)



Subpart C

PPL / SPL / BPL



Section 5 – Specific Requirements for the PPL(As)

FCL.205.As PPL(As) - Privileges

- (a) The privileges of the holder of a PPL(As) are to act without remuneration as pilot in command or copilot of airships engaged in noncommercial operations.
- (b) Notwithstanding the paragraph above, the holder of a PPL(As) may receive remuneration for the provision of flight instruction for the PPL(As).



Subpart C

PPL / SPL / BPL



Section 5 – Specific Requirements for the PPL(As)

FCL.210.As – Experience requirements & crediting

- 35 hours of flight time (max. 5h FSTD)
- 25 h dual including 5h cross country (35 NM)
 - 3h instrument instruction
 - 8h solo flight time
- BPL (HAA) -> PPL(As): 10% up to 5 hours



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Subpart C

PPL / SPL / BPL



Section 6 – Specific Requirements for the SPL

FCL.205.S SPL – Privileges and conditions

- to act as PIC of sailplanes, powered sailplanes and / or Touring Motor Gliders
- not carry passengers unless completed 10h PIC
- restricted to non-commercial < 75h & age 18
- commercial privilege: proficiency check
- may receive remuneration for flight instruction



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Subpart C

PPL / SPL / BPL



Section 6 – Specific Requirements for the SPL

FCL.210.S SPL – Experience and crediting

- at least 10 hours as specified in FCL.110.S
 - LPL(S) -> SPL: full credit
- credit 10% up to 6 hours and 20 launches



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Subpart C

PPL / SPL / BPL



Section 6 – Specific Requirements for the SPL

- FCL.220.S SPL - Launch methods see FCL.130.S
- FCL.225.S SPL – Extension to TMG see FCL.135.S
 - FCL.230.S SPL – Recency see FCL.140.S



Main difference between SPL and LPL(S) ?



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Subpart C

PPL / SPL / BPL



Section 7 – Specific Requirements for the BPL

FCL.205.B BPL - Privileges and conditions

- to act as PIC of balloons and hot-air airships
- restricted to non-commercial < 75h & age 18
- commercial privilege: proficiency check
- may receive remuneration for flight instruction



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Subpart C

PPL / SPL / BPL



Section 7 – Specific Requirements for the BPL

FCL.210.B BPL – Experience and crediting

- same requirements as for the LPL(B) but on balloons of the same group (size related)
- groups (AMC - page 359): small/medium/large
- full credit for the LPL(B) holder



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Subpart C

PPL / SPL / BPL



Section 7 – Specific Requirements for the BPL

FCL.225.B BPL – Extension class / group

- to another class: see FCL.135.B
- to another group within the same class:
 - ❑ at least 20 hours of flight time
 - ❑ 3 instruction flights on a balloon (relevant group)

FCL.230.B BPL – recency see FCL.140.B



Subpart C

PPL / SPL / BPL



Subpart I - Additional Ratings

- **feedback of the NAAs**
- **discussion with the experts of FCL.001**
 - ✓ **aerobatic rating**
 - ✓ **sailplane & banner towing rating**
 - ✓ **night rating**
 - ✓ **mountain rating**
- ✓ **additional requirements for flight tests**



Requirements for PPL / SPL / BPL



Subpart I - Additional Ratings

✈ FCL.800 Aerobatic Rating

- ✓ completed 40 hours in appropriate category
- ✓ theoretical knowledge instruction (see AMC)
 - ✓ 5 hours dual aerobatic instruction time
- ✓ limited to category until dual familiarization



Requirements for PPL / SPL / BPL



Subpart I - Additional Ratings

- **FCL.805 Sailplane & Banner Towing**
 - ✓ completed 150/100 hours as PIC
 - ✓ 40h of these shall be in the category
- ✓ theoretical knowledge instruction (see AMC)
 - ✓ 10 dual instruction flights (see AMC)
- ✓ for sailplane towing: 3 familiarization flights



Requirements for PPL / SPL / BPL



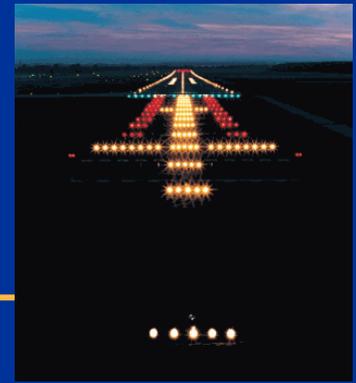
Subpart I - Additional Ratings

✈️ **FCL.810 Night Rating** (Aeroplanes, TMG & Airships)

- ✓ **completed 5 hours flight time in appropriate category at night comprising:**
- ✓ **3h dual instruction including 1h cross country**
 - ✓ **5 Solo T/O and 5 full stop landings**



Requirements for PPL / SPL / BPL



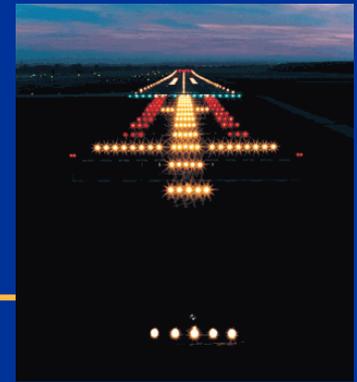
Subpart I - Additional Ratings

FCL.810 Night Rating (Helicopters)

- ✓ completed 100 hours flight time in helicopters
 - ✓ 60h PIC & 20 hours cross country
 - ✓ training course with:
 - 5 hours theoretical knowledge
- 10 hours dual instrument instruction (IR credit)
 - 5 hours flight time / 3 dual & 5 solo circuits



Requirements for PPL / SPL / BPL



Subpart I - Additional Ratings

FCL.810 Night Rating (Sailplanes & Balloons)

- ✓ completed 50 hours flight time in **sailplanes**
 - ✓ 5 hours dual instruction at night
 - ✓ limitation to „local flights“

- ✓ for **balloons**: 2 instruction flights with T/O during the night / average time of 90 min.



Requirements for PPL / SPL / BPL



Subpart I - Additional Ratings

FCL.815 Mountain rating

- ✓ **privileges:** wheel & ski /flights from and to surfaces designated by the authorities
- ✓ **training course:** TK & practical training
 - ✓ **skill test**
 - ✓ **12 month validity**
- ✓ **revalidation: 3 mountain landings or prof-check**



Requirements for PPL / SPL / BPL



Subpart J - Instructors

Section 3 – Specific requirements for the FI

FCL.905.FI Privileges and conditions

- ✓ conduct instruction for PPL, **SPL, BPL & LPL**
- ✓ class- and type ratings / group extensions
 - ✓ **ratings (experience / demonstration)**
- ✓ for FI / **LAFI certificate** (experience / skill test)
 - ✓ and others (CPL / IR / IRI / CRI / MPL)



Requirements for PPL / SPL / BPL



Subpart J - Instructors

Section 3 – Specific requirements for the FI

FCL.910.FI Restricted Privileges

For FI(As)/(S)/(B) 15 h or 50 T/O covering the syllabus

FCL.915.FI Pre-requisites for the course

For FI(A): no CPL theoretical knowledge requirement

For FI(As): 500h flight time in As / 400h as PIC with

For FI(S): 100 hours and 200 launches (TMG: 30 hours)

For FI(B): 75 hours as PIC / at least 15 in class/group



Requirements for PPL / SPL / BPL



Subpart J - Instructors

Section 3 – Specific requirements for the FI

FCL.930.FI Training Course

- TK instruction (**FI (As): 125 hours**)
- flight instruction (**FI (As): 20 hours**)

FCL.935.FI Skill test

- see Appendix 12 (**for all categories**)



Requirements for PPL / SPL / BPL



Subpart J - Instructors

Section 3 – Specific requirements for the FI

FCL.940.FI Revalidation & Renewal

- the holder shall fulfil two of the three requirements
- flight training / refresher seminar / proficiency check
- for the FI(A): 50 hours / 15 h within preceding 12 months
- for the FI(AS): 20 hours / 6 h within preceding 12 months



Requirements for PPL / SPL / BPL



Subpart J - Instructors

Section 3 – Specific requirements for the FI

FCL.940.FI Revalidation & Renewal

New:

For the first & at least each alternate subsequent revalidation in the case of FI(A) or FI(H) or each third in the case of the other FI ratings the holder shall have to pass a proficiency check



Requirements for PPL / SPL / BPL



Subpart K - Examiners

Section 2 – Specific requirements for the FE

FCL.1005.FE Privileges and conditions FE(A) / FE (H) / FE (As) / FE (S) / FE (B)

FCL.1010.FE Pre-requisites

- FE(A) / FE (H) and FE (As): CPL
 - FE (S) / FE (B): BPL / SPL
- FI in the appropriate aircraft category



Requirements for PPL / SPL / BPL



Subpart K - Examiners

Section 7 – Specific requirements for the FIE

FCL.1005.FIE Privileges and conditions

- to conduct skill tests or prof checks for the issue, revalidation or renewal of instructor certificates

FCL.1010.FIE Pre-requisites

- hold an FE (TRE/IRE) in the appropriate category
 - certain amount of PIC flight time
 - instructing applicants for an FI certificate



AMC and GM for PPL / SPL / BPL



Draft Decision AMC and GM for Part FCL

→ AMCs / GM to Subpart C (pages 269-359)

□ Syllabus theoretical knowledge for PPL

□ TK examination

□ Content of the skill test for the PPL

□ Flight instruction – syllabus

□ skill test for extensions to commercial privileges

□ Extension of privileges - balloon class/group



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AMC and GM PPL / SPL / BPL



Draft Decision AMC and GM for Part FCL

→ **AMCs / GM to Subpart I (pages 385-393)**

□ **Theoretical Knowledge & Flying Training**

□ **PPL(H) Night Rating Course**

□ **Mountain Rating skill test**



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AMC and GM PPL / SPL / BPL



Draft Decision AMC and GM for Part FCL

→ **AMCs / GM to Subpart J (pages 394-575)**

- ❑ **FI training course**

- ❑ **FI refresher seminar (page 514)**

- ❑ **Revalidation & Renewal form (GM)**



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AMC and GM PPL / SPL / BPL



Draft Decision AMC and GM for Part FCL

→ **AMCs / GM to Subpart K (pages 576-582)**

- Examiner standardisation course**

- Standardisation arrangements for FEs**

- Assessment of competence**



Requirements for PPL / SPL / BPL



Summary for PPL/SPL/BPL

- the most important issues -

Part-FCL

→ Subparts A / C / **H** / I / J / K

Appendices

→ Appendices 1 & 12

AMC and GM for Part-FCL

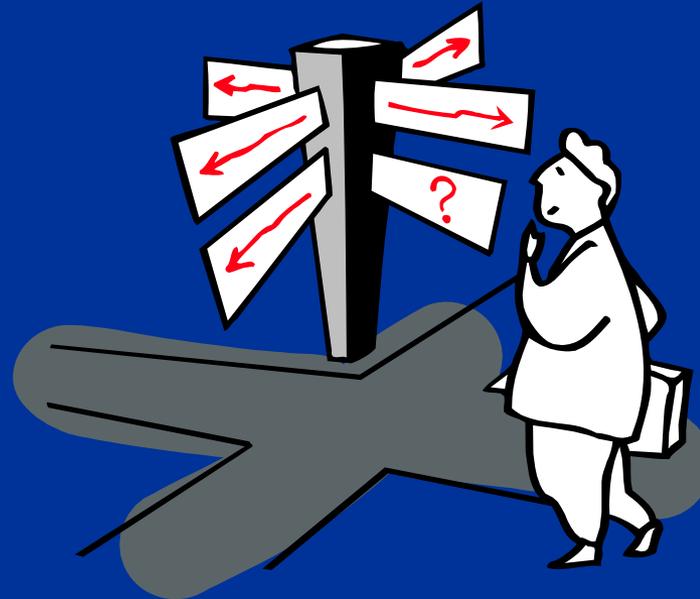
→ AMC and GM to Subpart A / C / **H** / I / J / K

→ AMC to Appendix 12



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Thank you for your attention !



Discussion

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