



EASA

European Aviation Safety Agency



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From JARs to IRs – Flight Crew Licensing

The Leisure Pilot Licence LPL

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Flight Crew Licensing Leisure Pilot Licence



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- ✧ **Structure of the NPA – LPL related**
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- ✧ **Summary**

Discussion

(for criticism, comments, and detailed questions)



Flight Crew Licensing Leisure Pilot Licence

FCL - Structure

Basic Regulation EC 216/2008

Cover Regulation FCL

Annex I
Part FCL

Annex II
Part
Medical

Annex III
Acceptance of
Licences and
Medical
Certificates

Annex IV
Conversion
of national
licences and
ratings

AMC and GM to Part FCL and Part Medical

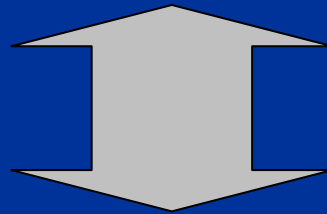


Flight Crew Licensing Leisure Pilot Licence

FCL – Structure / Annex I

**See: NPA 2008/17b – Draft Opinion & Decision Part-FCL
Annex I to Implementing Regulation Part-FCL**

**Subparts A – K (page 3–71)
Appendices 1 – 12 to Part FCL (page 72-158)**



**Acceptable Means of Compliance
and Guidance Material associated to Part FCL
(pages 169-647)**



FCL – Structure

NPA 2008/17b Draft Opinion Part-FCL



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



Annex I to Implementing Regulation Part-FCL

Appendices 1 – 12

- Appendix 1 – Crediting of Theoretical Knowledge
- Appendices 2 - 11
- 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 B - Leisure Pilot Licence
- AMC and GM to Subparts I / J / K
- AMC to Appendix 12 (Instructor skill test form)



Leisure Pilot Licence

NPA 2008/17b Draft Opinion Part-FCL



✈ The concept for the Leisure Pilot Licence

- Light Aircraft Pilot Licence
- FCL.001 & MDM.032 SG LAPL
- TORs / outcome A-NPA 14/2006
- ideas and proposals of the experts



Terms of Reference Subgroup LPL



“Propose a new concept for regulation of aircraft tailored to the complexity of the aircraft, used in non-commercial activities and draft the associated NPAs for the licensing rules.”



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Leisure Pilot Licence

Draft Opinion Part-FCL



→ The starting point for the LPL ?

- SG started April 2007
- review of A-NPA 14/2006
- comparison of national models

**„... lighter than JAR FCL, innovative,
agreeable and accessible...”**



The outcome ? LPL requirements



Part-FCL

Subpart A - General Requirements

FCL.010 Definitions

- aerobatic flight
- balloon & class/group of balloon
- Flight time
- (powered) sailplane
- Touring Motor Glider



LPL requirements

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.060 Recent experience**



LPL requirements



Part FCL Subpart B – Leisure Pilot Licence Section 1 – Common Requirements

- ➔ **FCL.100 Minimum Age of 16 years**
- ➔ **FCL.105 Privileges and conditions**
- ➔ **FCL.110 Crediting for the same A/C category**
- ➔ **FCL.120 TK (4 common subjects)**



LPL requirements

Part-FCL



Subpart B – Leisure Pilot Licence

Section 2 – Specific Requirements Basic LPL

FCL.105.BA/H Basic LPL - Privileges

- ➔ **Aeroplanes: SEP or TMG with a max. certificated take off mass of 2000 kg / 1 Pax / „local flights“**
- ➔ **Helicopters: single engine piston helicopters / max. 2000 kg / 1 Pax / „local flights“**



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LPL requirements

Part-FCL



Subpart B – Leisure Pilot Licence

Section 2 – Specific Requirements Basic LPL

FCL.110.BA/H Experience and crediting

- ➔ **Aeroplanes: 20 hours flight instruction (10/4/3)**
- ➔ **Helicopters: 35 hours flight instruction (20/6/3)**
- ➔ **Crediting: 10% of total flight time as PIC in another AC category up to a maximum of 3 hours**



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LPL requirements

Part-FCL



Subpart B – Leisure Pilot Licence

Section 2 – Specific Requirements Basic LPL

FCL.135.BA/H Extension of privileges

- ➔ The privileges are limited to the class or type
- ➔ Aeroplanes: 3 hours dual instruction (10/10)
- ➔ Helicopters: 5 hours dual instruction (15/15)
- ➔ Skill test (practical and theoretical)

➔ FCL.140.BA/H Basic LPL Recency Requirements



LPL requirements

Part-FCL



Subpart B – Leisure Pilot Licence

Section 3 – Specific Requirements LPL(A)

- ➔ **FCL.105.A LPL(A) Privileges**
- ➔ **FCL.110.A Experience and crediting**
 - ➔ **30 hours flight instruction (15/6)**
- ➔ **including 3 hours solo cross country / 150 KM**
- ➔ **Basic LPL Holder: 10 hours flight training / XC**
- ➔ **Crediting: 10% up to a maximum of 6 hours**

FCL.135.A LPL(A) Extension to another class



LPL requirements

Part-FCL



Subpart B – Leisure Pilot Licence

Section 4 – Specific Requirements LPL(H)

- ➔ **FCL.105.H LPL(H) Privileges**
- ➔ **FCL.110.H Experience and crediting**
 - ➔ **45 hours flight instruction (25/10)**
- ➔ **including 5 hours solo cross country / 150 KM**
- ➔ **Basic LPL Holder: 10 hours flight training / XC**
- ➔ **Crediting: 10% up to a maximum of 6 hours**

FCL.135.H LPL(H) Extension to another type



LPL requirements

Part-FCL



Subpart B – Leisure Pilot Licence

Section 5 – Specific Requirements LPL(S)

→ FCL.105.S LPL(S) Privileges

→ (powered) sailplane / TMG / 10 hours Pax

→ FCL.110.S Experience and crediting

→ 10 hours flight instruction (8/2)

→ including 40 launches

→ Crediting: 10% - maximum of 6 hours / 20 T/O



LPL requirements

Part-FCL



Subpart B – Leisure Pilot Licence

Section 5 – Specific Requirements LPL(S)

- ➔ **FCL.130.S LPL(S) Launch methods**
 - ➔ **limited to the launch method of the skill test**
 - ➔ **additional training for the other launch methods**
 - ➔ **signed in the logbook by the instructor**
 - ➔ **maintain the privilege: 5 launches - 24 months**
 - ➔ **in order to renew: missing launches with FI**



LPL requirements

Part-FCL



Subpart B – Leisure Pilot Licence

Section 5 – Specific Requirements LPL(S)

➔ **FCL.135.S LPL(S) Extension TMG**



➔ **limited to sailplanes and powered sailplanes**

➔ **additional training:**

- ✓ **6 hours flight instruction on TMG**
- ✓ **1 solo cross country flight of 150 KM**
- ✓ **skill test (TK 4 subjects included)**



LPL requirements

Part-FCL



Subpart B – Leisure Pilot Licence

Section 6 – Specific Requirements LPL(B)

- ➔ **FCL.105.B LPL(B) Privileges**
 - ➔ **hot-air balloons / airships up to 4000m³**
 - ➔ **gas balloons up to 1200m³**
 - ➔ **carrying 3 passengers**
- ➔ **FCL.110.B Experience**
 - ➔ **16 hours dual flight instruction & 1 solo flight**
 - ➔ **including at least 10 fillings & 20 take-offs**



LPL requirements

Part-FCL



Subpart B – Leisure Pilot Licence

Section 6 – Specific Requirements LPL(B)

- ➔ **FCL.135.B LPL(B) Extension to another class (hot-air & gas balloons / hot-air airships)**
 - ➔ **5 instruction flights**
 - ➔ **in the case of HAB -> HAA: 5 hours**
 - ➔ **skill test including TK (4 subjects)**



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LPL requirements

Part-FCL Specific Requirements

FCL.140.A / H / S / B



Section 3/4/5/6 – Specific Requirements LPL

FCL.140.X LPL Recency requirements

- ✓ valid for life without a class- / typerating
- ✓ within the last 24 months - always 3 options:
 1. certain amount of PIC flying time & T/O
 2. less amount PIC flying time & training flight(s)
 3. proficiency check

New:

At least once every 6 years a proficiency check !



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LPL requirements

Part-FCL Specific Requirements

FCL.140.A / H / S / B



EXAMPLE

Section 3 – Specific Requirements LPL(A)

FCL.140.A Recency Requirements

- ➔ only exercise the privileges if completed (24 months):
 - ✓ 12 hours as PIC including 12 T/O **or**
 - ✓ 6 hours as PIC including 6 T/O & 1 Training Flight
 - ✓ **or** undertake a proficiency check

At least once every 6 years a proficiency check



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**



LPL requirements

Part-FCL

Subpart I – Additional ratings



We are going to talk about the ratings later!



LPL requirements



Part FCL Subpart J – Instructors Section 1 – Common Requirements

- ➔ **FCL.900 Instructor certificates**
- ➔ **FCL.915 General requirements for instructors**
- ➔ **FCL.920 Instructor competencies & assessment**
- ➔ **FCL.940 Validity of the certificate**



LPL requirements

Part-FCL



Subpart J – Instructors

Section 2 – Specific requirements for LAFI

✈ FCL.905 LAFI Privileges and conditions

✈ conduct flight instruction for:

- ☐ Basic LPL and LPL
- ☐ class or type extensions
- ☐ night, aerobatic, towing rating
- ☐ LAFI certificate (experience / skill test)



LPL requirements

Part-FCL



Subpart J – Instructors

Section 2 – Specific requirements for LAFI

FCL.910 LAFI Restricted privileges

- ☐ flight instruction under supervision
- ☐ no first solo flights and solo cross country
- ☐ limitations will be removed when:
 - LAFI(A)/(H) 50 hours instruction / 25 solo flights
 - LAFI(S) 15 hours or 50 launches covering the full syllabus
 - LAFI(B) 15 hours or 50 T/O covering the full syllabus



LPL requirements

Part-FCL



Subpart J – Instructors

Section 2 – Specific requirements for LAFI

FCL.915 LAFI Pre-requisites for the course

- ➔ passing of a pre-entry flight test (with FI)
- ➔ LAFI(A): 3 hours instrument instruction / 20 hours cross country / 200 (150) hours / 30 SEP
- ➔ LAFI(H): 10 hours instrument instruction / 20 hours cross country / 250 (200) hours / 15 type



LPL requirements

Part-FCL



Subpart J – Instructors

Section 2 – Specific requirements for LAFI

FCL.915 LAFI Pre-requisites for the course

- ➔ **passing of a pre-entry flight test (with FI)**
- ➔ **LAFI(S): 100 hours and 200 launches / for
TMG: additional 30 hours on TMGs**
- ➔ **LAFI(B): 75 hours on balloons / at least 15
hours in the class and group**



LPL requirements

Part-FCL



Subpart J – Instructors

Section 2 – Specific requirements for LAFI

FCL.920LAFI Training Course

✈ TK instruction and instructional techniques

✈ dual flight instruction:

- ❑ LAFI(A) 15 hours (max. 3 hours FSTD)
- ❑ LAFI(H) 25 hours (max. 5 hours FSTD)
- ❑ LAFI(S) 10 hours or 20 launches
- ❑ LAFI(B) 3 hours and 3 take-offs

& FCL.935LAFI Skill Test



LPL requirements

Part-FCL



Subpart J – Instructors

Section 2 – Specific requirements for LAFI

FCL.940LAFI Revalidation and Renewal

➔ the instructor has to fulfill 2 of 3 requirements:

- ❑ flight instruction
- ❑ refresher seminar
- ❑ proficiency check

➔ new: every third revalidation: proficiency check

➔ Renewal: refresher seminar & proficiency check



LPL requirements

Part-FCL



Subpart J – Instructors

Section 2 – Specific requirements for LAFI

FCL.940LAFI Revalidation and Renewal

Flight instruction

- ❑ LAFI(A)/(H): 45 hours / 15 hours (12 months)
- ❑ LAFI(S): 30 hours or 60 launches / 10 or 20
- ❑ LAFI(B): 6 hours / 2 hours preceding 12 months



LPL requirements

Part-FCL



Subpart K – Examiners

Section 1 – Common Requirements

- ➔ **FCL.1000 Examiner certificates**
- ➔ **FCL.1005 Limitation of privileges**
 - ➔ **FCL.1010 Pre-requisites**
- ➔ **FCL.1015 Examiner standardisation**
- ➔ **FCL.1020 Examiner assessment of competence**
 - ➔ **FCL.1025 Validity, revalidation & renewal**
 - ➔ **FCL.1030 Obligations for examiners**



LPL requirements

Part-FCL



Subpart K – Examiners

Section 2 – Specific requirements for FE

FCL.1005.FE Privileges and conditions

- ❑ the FE(A) and FE(H) privilege includes LPL
(skill test/prof check LPL(A): 500h total – 150h instruction)
- ❑ new: FE(LPL(S)) and FE(LPL(B))
prof check LPL(S): 300h – 150h or 300 T/O instruction
skill test/prof check on TMGs: 300 – 90h instruction TMG
skill test/prof check extension LPL(B): 250 – 75h instruction

& FCL.1010.FE Pre-requisites



LPL requirements

Part-FCL



Subpart K – Examiners

Section 7 – Specific requirements for FIE

➔ **FCL.1005.FIE Privileges and conditions**

➔ **FCL.1020.FIE Pre-requisites**

FIE(A) & FIE(H) – no specific LPL FIE

FIE(S) & FIE(B):

- ☐ **instructing applicants for FI or LAFI**
- ☐ **holding a certificate as FE or FE(LPL)**



LPL requirements

Part-FCL



Annex I to Implementing Regulation Part-FCL Appendices

Appendix 1 – Crediting of theoretical knowledge

- ➔ holder of another LPL: credit common subjects
- ➔ holder of another category & PPL: 4 subjects
- ➔ holder of LPL(S) full credit for GPL

(see also the appropriate AMC material)



LPL requirements

Part-FCL



Annex I to Implementing Regulation Part-FCL Appendices

Appendix 12 – Skill test & p.c. for instructors

- ➔ **general explanations (seat/“student”/explain and demonstrate/correct the „student”)**
- ➔ **oral examination and a lecture**
- ➔ **additional demonstration exercises chosen by the examiner**



AMC and GM for LPL



Draft Decision AMC and GM for Part FCL

➔ **AMCs / GM to Subpart B (pages 189-268)**

- ☐ **Syllabus theoretical knowledge for LPL**
 - ☐ **TK examination**
- ☐ **Content of the skill test for the LPL**
 - ☐ **Flight instruction – syllabus**
- ☐ **additional instruction for extensions**
 - ☐ **skill test for extensions**



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AMC and GM for LPL



Draft Decision AMC and GM for Part FCL

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

❑ **LAFI Training course (Syllabus)**

❑ **LAFI refresher seminar (page 470-471)**

❑ **LAFI – revalidation & renewal form (GM)**



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AMC and GM for LPL



Draft Decision AMC and GM for Part FCL

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

☐ **Examiner standardisation course**

☐ **Standardisation arrangements for examiners**

☐ **Assessment of competence**



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Leisure Pilot Licence

NPA 2008/17b Draft Opinion Part-FCL



Summary for LPL pilots

- the most important issues -

Annex I Part-FCL

→ Subparts A / B / I / J / K

Appendices

→ Appendices 1 & 12

Draft Decision AMC and GM for Part-FCL

→ AMC and GM to Subpart A / B / I / J / K

→ AMC to Appendix 12



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Thank you for your attention !



Discussion



Graham Forbes – CAA UK
Matthias Borgmeier – EASA

