



Private licences

Workshop EASA/AUSTROCONTROL
Vienna, 16-17 June 2009



AGENDA

- I. LPL – General overview
- II. PPL, BPL, SPL – General overview
- III. Additional ratings
- IV. Instructors and examiners



➤ I. LPL – General overview



European Aviation Safety Agency

The typical Leisure Pilot ?





LPL – the concept

➤ Article 7 of the EASA BR

- ★ Leisure pilot licence, covering non-commercial activities involving non-complex aircraft with a MTOM up to 2000Kg
- ★ LPL has to comply with ERs for pilot Licensing
- ★ Medical certificate may be issued by a GMP, if so permitted under national law



LPL – the concept

➤ The concept for the LPL

- ★ 2 RM groups: FCL.001 and MDM.032 SG Licensing
- ★ MDM.032 SG Licensing started in April 2007
- ★ ToRs:
 - ➔ input from A-NPA 14/2006 and comparison of national models
 - ➔ Propose a new concept for the regulation of aircraft tailored to the complexity of the aircraft, used in non-commercial activities and draft the associated NPAs for the licensing rules

«...lighter than JAR-FCL, innovative, agreeable and accessible...»

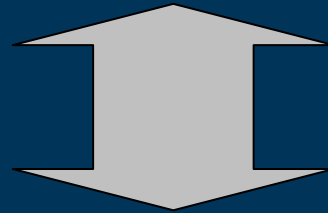


LPL – where to find the requirements

➤ NPA 2008-17b

★ Draft Opinion and Decision Part FCL

Part FCL
Subparts A and B and I to K
Appendices 1 and 12



Acceptable Means of Compliance
and Guidance Material associated to the relevant
requirements



LPL – general overview

➤ Subpart A

★ FCL.010 Definitions

- ➔ Aerobatic flight
- ➔ Balloon & class/group of balloons
- ➔ Flight time
- ➔ (powered) sailplane
- ➔ TMG

★ FCL.015 Issue of licences, ratings & certificates

- ➔ application
- ➔ limitation / extension
- ➔ only one licence in accordance with this part



LPL- general overview

➤ Subpart A

- ★ **FCL.025 TK examinations**

- ★ **FCL.030 Skill test**

- ★ **FCL.015 Issue of licences, ratings & certificates**

- ★ **FCL.035 Crediting of flight time and TK**

 - ➔ Plus Appendix 1 to Part FCL

- ★ **FCL.060 Recent experience**

 - ➔ Before flight with pax



LPL- general overview

- **Subpart B, Section 1 – Common requirements**
 - ★ **FCL.100 Minimum age**
 - 16 years
 - ★ **FCL.105 Privileges and conditions**
 - Non-remuneration
 - Non-commercial operations
 - Within aircraft category
 - ★ **FCL.110 Crediting for the same A/C category**
 - E.g. PPL(A) to LPL(A)
 - ★ **TK**
 - 4 common subjects – crediting



LPL- general overview

➤ Subpart B, Section 2 – Basic LPL (A)/(H)

★ FCL.105.BA/H Basic LPL - Privileges

➔ Aeroplanes:

- ➔ SEP or TMG with a MTOM of up to 2000 kg
- ➔ 1 Pax
- ➔ local flights

➔ Helicopters:

- ➔ SEP helicopters with a MTOM of up to 2000 kg
- ➔ 1 Pax
- ➔ local flights



LPL- general overview

➤ Subpart B, Section 2 – Basic LPL (A)/(H)

★ FCL.110.BA/H Basic LPL – Experience and crediting

➔ Aeroplanes - 20 H flight instruction:

- ➔ 10 H dual
- ➔ 4 H supervised solo
- ➔ 3 H navigation

➔ Helicopters - 35 H flight instruction:

- ➔ 20 H dual
- ➔ 6 H supervised solo
- ➔ 3 H navigation



LPL- general overview

➤ Subpart B, Section 2 – Basic LPL (A)/(H)

★ **FCL.135.BA/H Basic LPL – Extension of privileges**

- ➔ The privileges are limited to the class or type until:
 - ➔ Aeroplanes: 3 H dual
 - ➔ Helicopters: 5 H dual
 - ➔ Skill test (practical and theoretical)

★ **FCL.140.BA/H Basic LPL – Recency requirements**

- ➔ Same as full LPL



LPL- general overview

➤ Subpart B, Section 3 –LPL (A)

★FCL.105.A Privileges

- ➔ 3 Pax
- ➔ Limitation to local flights disappears

★FCL.110.A – Experience and crediting

- ➔ 30 H flight instruction:
 - ➔ 15 H dual
 - ➔ 6 H supervised solo, with 3 H cross country
- ➔ Basic LPL(A) holder – 10 H flight instruction (6/3)
- ➔ Crediting : 10% up to 6 H

★FCL.135.A Extension to another class/type

- ➔ Same as for Basic LPL
-



LPL- general overview

➤ Subpart B, Section 4 –LPL (H)

★FCL.105.H Privileges

- ➔ 3 Pax
- ➔ Limitation to local flights disappears

★FCL.110.H – Experience and crediting

- ➔ 45 H flight instruction:
 - ➔ 25 H dual
 - ➔ 10 H supervised solo, with 5 H cross country
- ➔ Basic LPL(H) holder – 10 H flight instruction (5/1)
- ➔ Crediting : 10% up to 6 H

★FCL.135.H Extension to another class/type

- ➔ Same as for Basic LPL
-



LPL- general overview

➤ Subpart B, Section 5 –LPL (S)

★ **FCL.105.S Privileges**

- ➔ (powered) sailplanes and TMG
- ➔ Pax only after 10 H PIC

★ **FCL.110.S – Experience and crediting**

- ➔ 10 H flight instruction:
 - ➔ 8 H dual
 - ➔ 2 H supervised solo
 - ➔ 40 launches and landings
- ➔ **Crediting : 10% up to 6 H, 20 launches and landings**



LPL- general overview

➤ Subpart B, Section 5 – LPL (S)

★ **FCL.130.S Launch methods**

- ➔ Limitation to method used for skill test
- ➔ Additional training for other methods – logbook, by instructor
- ➔ To maintain each method: 5 launches in last 24 months
- ➔ Renewal: missing launches with instructor

★ **FCL.135.S Extension to TMG**

- ➔ Limitation to (powered) sailplanes – Extension to TMG:
 - ➔ 6 H flight instruction:
 - ➔ 4 H dual
 - ➔ 1 solo cross country
 - ➔ Skill test
-



LPL- general overview

➤ Subpart B, Section 6 – LPL (B)

★ FCL.105.B Privileges

- ➔ Hot-air balloons / airships up to 4000 m³
- ➔ Gas balloons up to 1200 m³
- ➔ 3 Pax

★ FCL.110.B Experience

- ➔ 16 H dual instruction
 - ➔ 10 fillings and 20 TO
- ➔ 1 solo flight



LPL- general overview

➤ Subpart B, Section 6 – LPL (B)

★ **FCL.135.B Extension to another class**

- Limitation to class used for skill test (Hot-air & gas balloons / hot-air airships) - Extension
 - Flight instruction
 - Skill test (practical and theoretical)



LPL- general overview

➤ Subpart B, Sections 3 to 6 – LPL

★ **FCL.140.X Recency requirements**

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

New:

At least once every 6 years a proficiency check !



LPL- general overview

➤ AMC/GM to Subpart B

- ✧ 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



➤ II. PPL, BPL, SPL– General overview



European Aviation Safety Agency

PPL / SPL / BPL





PPL, SPL, BPL – the concept

- **The concept for the PPL, SPL, BPL**
 - ★ **2 Subgroups of FCL.001: JAR Transfer & New Licences**
 - ★ **For (A) and (H): transfer of JAR-FCL**
 - ★ **For other aircraft:**
 - ➔ ICAO Annex 1
 - ➔ National requirements
 - ➔ Proposals of experts



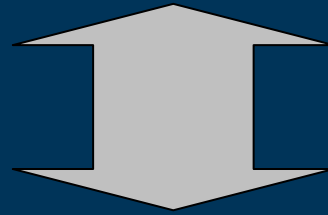
European Aviation Safety Agency

PPL, BPL, SPL – where to find the requirements

➤ NPA 2008-17b

★ Draft Opinion and Decision Part FCL

**Part FCL
Subparts A and C and G to K
Appendices 1 and 12**



**Acceptable Means of Compliance
and Guidance Material associated to the relevant
requirements**



PPL, BPL, SPL – General overview

➤ Subpart C, Section 1 – Common requirements

★ FCL.200 Minimum age

→ 16 (SPL, BPL)/17 (PPL) years

★ FCL.205 Conditions

→ Fulfil requirements for class or type rating

★ FCL.215 TK examination

★ FCL.235 Skill test



PPL, BPL, SPL – General overview

➤ Subpart C, Sections 2 and 3 – PPL (A)/(H)

★ **FCL.205.A/H Privileges**

- ➔ Same as JAR-FCL
- ➔ **New:** possible to receive remuneration for the provision of flight instruction for the LPL and PPL

★ **FCL.210.A/H Experience and crediting**

- ➔ Same as JAR-FCL



PPL, BPL, SPL – General overview

➤ Subpart C, Section 5 – PPL (As)

★ FCL.205.As Privileges

➔ Similar to (A) and (H)

★ FCL.210.As Experience and crediting

➔ Based on JAR-FCL

➔ 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



PPL, BPL, SPL – General overview

➤ Subpart C, Section 6 – SPL

★ FCL.205.S Privileges

- ➔ to act as PIC of (powered) sailplanes and / or TMG
- ➔ not carry pax unless completed 10h PIC
- ➔ restricted to non-commercial until
 - ➔ 75h PIC
 - ➔ age 18
 - ➔ proficiency check
- ➔ possible to receive remuneration for the provision of flight instruction for the LPL and SPL



PPL, BPL, SPL – General overview

➤ Subpart C, Section 6 – SPL

★ **FCL.210.S Experience and crediting**

- ➔ at least 10 hours as specified for LPL(S)
- ➔ LPL(S) -> SPL: full credit
- ➔ credit 10% up to 6 hours and 20 launches

★ **FCL.220.S Launch methods**

★ **FCL.225.S Extension to TMG**

★ **FCL.230.S Recency**

- ➔ All as for LPL(S)



PPL, BPL, SPL – General overview

➤ Subpart C, Section 7 – BPL

★ FCL.205.B Privileges

- ➔ to act as PIC of balloons and hot-air airships
- ➔ restricted to non-commercial until
 - ➔ 75h PIC
 - ➔ age 18
 - ➔ proficiency check
- ➔ possible to receive remuneration for the provision of flight instruction for the LPL and SPL



PPL, BPL, SPL – General overview

➤ Subpart C, Section 7 – BPL

★ **FCL.210.B Experience and crediting**

- ➔ Same as LPL(B) but within the same group (size related, see AMC)
- ➔ LPL(B) -> BPL: full credit

★ **FCL.225.B Extension class / group**

- ➔ Class: same as LPL(B)
- ➔ Group: 20h flight time & 3 instruction flights

★ **FCL.230.B Recency**

- ➔ All as for LPL(B)



PPL, BPL, SPL – General overview

➤ AMC/GM to Subpart C

- ✧ Syllabus theoretical knowledge for PPL
- ✧ TK examination
- ✧ Content of the skill test for the PPL
- ✧ Flight instruction – syllabus
- ✧ Skill test for extension to commercial privilege - (B) & (S)
- ✧ Extension of privileges – (B) class/group



PPL, BPL, SPL – General overview

➤ Subpart C summary:

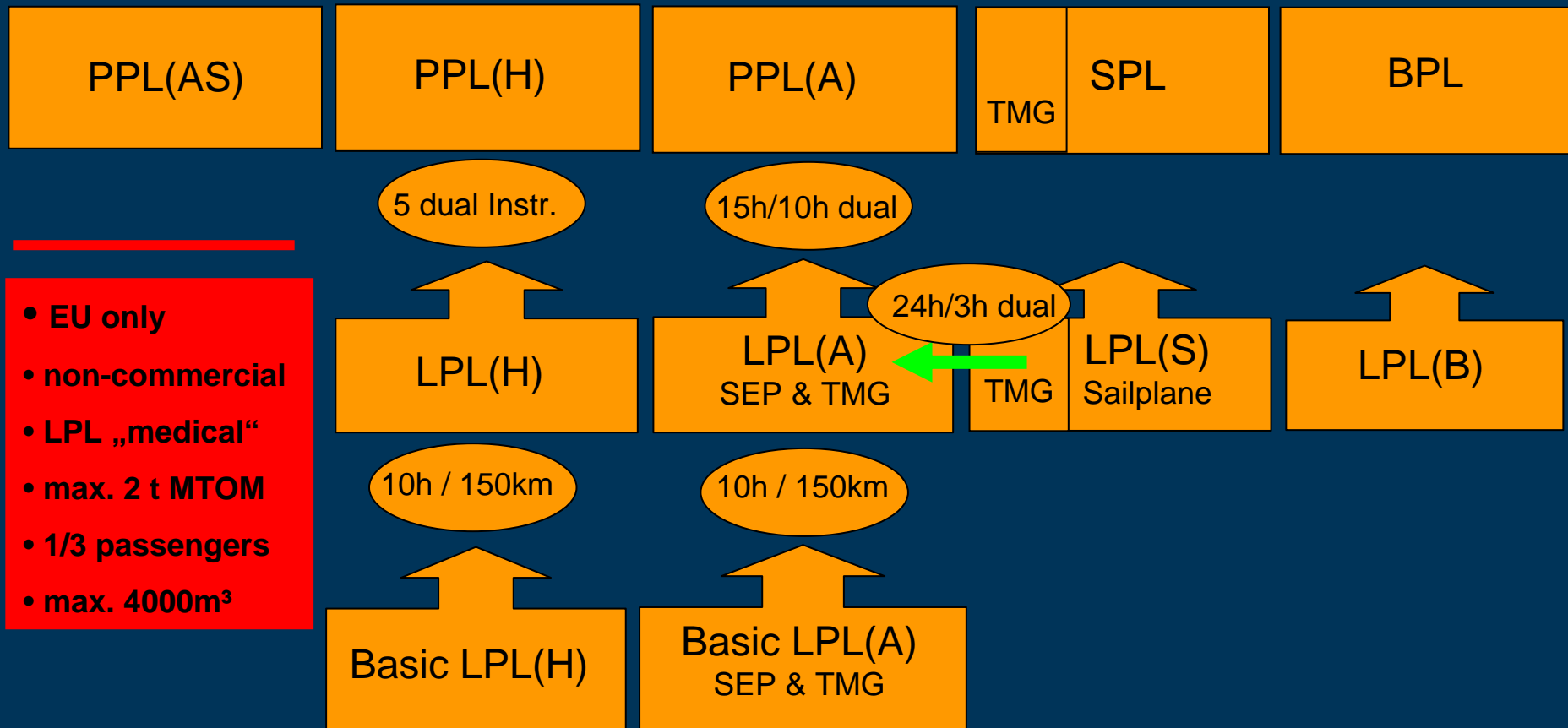
- ★ Follows JAR-FCL for (A) and (H), with a similar system for (As)
- ★ For (S) and (B), only one licence
 - ➔ Privileges may be extended to commercial activities once certain requirements are met

What is new?

- ★ Possible to receive remuneration for the provision of flight instruction for the LPL and PPL, BPL, SPL



Private licenses





➤ III. Additional ratings





Subpart I – Additional ratings

- Created to allow continuation of some national qualifications that were not included in JAR-FCL
- Based on input received from NAAs and analysed by FCL.001 group
 - ★ Some of the qualifications suggested were not included (ex: related to Annex 2 aircraft, or crop dusting)



Subpart I – Additional ratings

★ **FCL.800 Aerobatic rating**

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



Subpart I – Additional ratings

★ **FCL.805 Sailplane / banner towing**

- 150/100 hours as PIC
- 40h of these in the relevant category
- theoretical knowledge instruction (see AMC)
- 10 dual instruction flights (see AMC)
- for sailplane towing: 3 familiarisation flights



Subpart I – Additional ratings

★ FCL.810 Night rating

- Same as JAR-FCL 1 for (A), (As) and TMG
- Same as JAR-FCL 2 for (H)
- For (S):
 - 50 hours flight time
 - 5 hours dual instruction at night
 - limitation to „local flights“
- for (B):
 - 2 instruction flights with T/O during the night / average time of 90 min



Subpart I – Additional ratings

★ FCL.815 Mountain ratings

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



Subpart I – Additional ratings

➤ AMC/GM to Subpart I

- ✧ TK and flight training
- ✧ PPL(H) night rating course
- ✧ Mountain rating skill test



➤ IV. Instructors and examiners



Instructors

➤ Subpart J, Section 1 – Common requirements

★ **FCL.900 Instructor certificates**

- Special conditions for introduction of new aircraft

★ **FCL.915 General requirements for instructors**

★ **FCL.920 Instructor competencies and assessment**

- Draft NPA-FCL 36

★ **FCL.940 Validity of the certificate**



Instructors

➤ Subpart J, Section 2 – 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)



Instructors

➤ Subpart J, Section 2 – 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



Instructors

➤ Subpart J, Section 2 – 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
- ➔ 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



Instructors

➤ Subpart J, Section 2 – LAFI

★ **FCL.920.LAFI 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.935.LAFI Skill test**



Instructors

➤ Subpart J, Section 2 – LAFI

★ **FCL.940.LAFI Revalidation and renewal**

➔ Revalidation - the instructor has to fulfil 2 of 3 requirements:

- ➔ Flight instruction
- ➔ refresher seminar
- ➔ proficiency check

New: prof check every third revalidation

➔ Renewal: refresher seminar & proficiency check



Instructors

➤ Subpart J, Section 3 – FI

★ **FCL.905.FI Privileges and conditions**

- conduct flight instruction for:
 - PPL, SPL, BPL & LPL
 - class- and type ratings / group extensions
 - ratings (experience / demonstration)
 - for FI / LAFI certificate (experience / skill test)
 - and others as per JAR-FCL



Instructors

➤ Subpart J, Section 3 –FI

★ **FCL.910.FI Restricted privileges**

- ➔ Flight instruction under supervision
- ➔ Follows JAR-FCL for (A) and (H) – similar system for other categories

★ **FCL.915.FI Pre-requisites**

- ➔ Follows JAR-FCL for (A) and (H) – similar system for other categories
- ➔ **New:** for FI (A) CPL knowledge is not mandatory



Instructors

➤ Subpart J, Section 3 –FI

- ★ **FCL.920. FI Training course**

- ★ **FCL.935.FI Skill test**

- ➔ Follow JAR-FCL for (A) and (H) – similar system for other categories



Instructors

➤ Subpart J, Section 3 – FI

★ **FCL.940.FI Revalidation and renewal**

- ➔ Revalidation - the instructor has to fulfil 2 of 3 requirements:
 - ➔ Flight instruction
 - ➔ refresher seminar
 - ➔ proficiency check
 - ➔ **New: Prof check for the first and at least every**
 - » **Second revalidation for (A) and (H)**
 - » **Third revalidation for (As), (S) and (B)**
- ➔ Renewal: refresher seminar & proficiency check



Instructors

➤ AMC/GM to Subpart J

- ✧ LAFI Training course - Syllabus
- ✧ LAFI refresher seminar
- ✧ LAFI – revalidation & renewal form
- ✧ FI training course
- ✧ FI refresher seminar
- ✧ Revalidation and renewal form



Examiners

➤ Subpart K, 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



Examiners

➤ Subpart K, Section 2 – FE

★ **FCL.1005.FE Privileges and conditions**

- ➔ the FE privileges include PPL(A), (H), (As) and SPL and BPL

★ **FCL.1010.FE Pre-requisites**

- ➔ Follow JAR-FCL 1 and 2, with similar requirements for other categories



Examiners

➤ Subpart K, Section 7 – FIE

★ FCL.1005.FIE Privileges and conditions

★ FCL.1010.FIE Pre-requisites

- ➔ Follow JAR-FCL 1 and 2, with similar requirements for other categories



Examiners

➤ AMC/GM to Subpart K

- ✧ Examiner standardisation course
- ✧ Standardisation arrangements for examiners
- ✧ Assessment of competence



Private licences - summary

- New licence and new categories of aircraft included in the EASA scope by the BR
- Our proposals for (A) and (H) follow as much as possible JAR-FCL
- For the new domains:
 - ✧ JAR-FCL, if possible
 - ✧ ICAO Annex 1
 - ✧ National systems

