



# Commercial licences

**Workshop EASA/AUSTROCONTROL  
Vienna, 16-17 June 2009**



# AGENDA

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- I. The commercial licences – CPL, MPL, ATPL
- II. Instrument rating
- III. Class and type ratings
- III. Instructors and Examiners



➤ **I. The commercial licences – CPL, MPL, ATPL**



# Introduction

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## ➤ The concept for professional licences

### ★ 2 Subgroups of FCL.001: JAR Transfer & New Licences

#### ★ For (A) and (H):

→ transfer of JAR-FCL

#### ★ For other aircraft - (PL) and (As):

→ ICAO Annex 1

→ National requirements

→ Proposals of experts



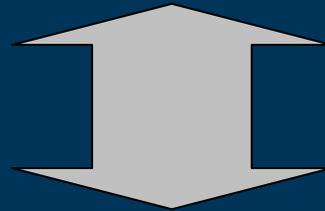
# Commercial licences – where to find the requirements

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## ➤ NPA 2008-17b

### ★ Draft Opinion and Decision Part FCL

**Part FCL**  
**Subparts A and D to K**  
**Appendices 1 to 12**



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



# Commercial licences – where to find the requirements

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## ➤ Organisation of Subparts:

### ★ **Common Requirements, e.g.:**

- ➔ Minimum age
- ➔ Privileges and conditions
- ➔ Theoretical knowledge
- ➔ Flight instruction
- ➔ Skill test

### ★ **Specific Requirements for an aircraft category**

- ➔ Aeroplane (A)
- ➔ Helicopter (H)
- ➔ *Powered-lift (PL) \**
- ➔ *Airship (As) \**

\* New requirements, not transferred from JAR-FCL



# Commercial Pilot Licence

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## ➤ Subpart D

### ★ Section 1 - Common Requirements

- ➔ **FCL.300** - Minimum age
- ➔ **FCL.305** - Privileges and conditions
- ➔ **FCL.310** - Theoretical knowledge
  - ➔ Course » Approved Training Organisation
  - ➔ Examination » Appendix 2 to Part FCL
- ➔ **FCL.315** - Flight instruction
  - ➔ Course » Approved Training Organisation » Appendix 3 to Part FCL
- ➔ **FCL.320** - Skill test
  - ➔ See Appendix 4 to Part FCL



# Commercial Pilot Licence

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## ➤ Subpart D

- ★ **Section 2 - Specific requirements for CPL(A)**
  - ➔ **FCL.305.A** – CPL(A) - Privileges to act in commercial air transport
  - ➔ **FCL.325.A** – CPL(A) - Specific requirements for MPL(A) holders
    - ➔ Appendix 3, paragraph 11(a) and 12
  
- ★ **Section 3 – Specific Requirements CPL(H)**
  - ➔ **FCL.305.H** – CPL(H) – Privileges to act in commercial air transport
  - ➔ **FCL.305.H** – CPL(As) Privileges to act in commercial air transport



# Commercial Pilot Licence

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## ➤ Subpart D

- ★ **Section 4 – Specific requirements for CPL(PL)**

  - ➔ *Reserved*

- ★ **Section 5 - Specific Requirements for CPL(As)**

  - ➔ **FCL.305.As – CPL(As) Privileges to act in commercial air transport**



# Commercial Pilot Licence - summary

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## ➤ Subpart D

- ★ Follows JAR-FCL for (A) and (H), with a similar system for other categories of aircraft



# Multi-Crew Pilot Licence

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## ➤ Subpart E

- ★ **FCL.400.A** – MPL Minimum age

  - ➔ At least 18 years of age.

- ★ **FCL.405.A** – MPL – Privileges

- ★ **FCL.410.A** – MPL – Theoretical Knowledge and flight instruction

  - ➔ Appendix 5 to Part FCL

- ★ **FCL.415.A** – MPL Skill

  - ➔ Appendices 5 and 9 to Part FCL



# Multi-Crew Pilot Licence - summary

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## ➤ Subpart E

- ★ **Only one section – licence only for aeroplanes**

- ★ **Follows JAR-FCL 1**



# Airline Transport Pilot Licence

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## ➤ Subpart F – Section 1

### ★ Common Requirements

➔ **FCL.500** – ATPL – Minimum age

➔ At least 21 years of age.

➔ **FCL.505** – ATPL – Privileges

➔ **FCL.515** – ATPL – Theoretical Knowledge instruction and examination

➔ Course » Appendix 3 to Part FCL

➔ Examination » Appendix 2 to Part FCL



# Airline Transport Pilot Licence

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## ➤ Subpart F

### ★ Section 2 – Specific requirements for ATPL(A)

- ➔ **FCL.505.A** – Restriction of privileges for pilots previously holding a MPL(A)
- ➔ **FCL.510.A** – Pre-requisites, experience and crediting
- ➔ **FCL.515.A** – Theoretical knowledge instruction – Modular course
- ➔ **FCL.520.A** – Skill test
  - ➔ Appendix 9 to Part FCL



# Airline Transport Pilot Licence

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## ➤ Subpart F

### ★ Section 3 – Specific requirements for ATPL(H)

➔ **FCL.510.H** – Pre-requisites, experience and crediting

➔ **FCL.515.H** – Theoretical knowledge instruction – Modular course

➔ **FCL.520.H** – Skill test

➔ Appendix 9 to Part FCL

### ★ Section 4 - Specific requirements for ATPL(PL)

➔ *Reserved*



# Airline Transport Pilot Licence - summary

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## ➤ Subpart F

- ★ Follows JAR-FCL for (A) and (H), with a similar system for other categories of aircraft



## ➤ II. Instrument rating



# Instrument Rating

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## ➤ Subpart G – Section 1

### ★ Common Requirements

- ➔ **FCL.600** – General
- ➔ **FCL.605** – Privileges
- ➔ **FCL.610** – Pre-requisites
- ➔ **FCL.615** – Theoretical knowledge and flight instruction
  - ➔ Integrated Course: Appendix 3 to Part FCL
  - ➔ Modular Course: Appendix 6 to Part FCL
- ➔ **FCL.620** – Skill test
  - ➔ Appendix 7 to Part FCL
- ➔ **FCL.625** – Validity, revalidation and renewal



# Instrument Rating

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## ➤ Subpart G

- ★ **Section 2 – Specific requirements for IR(A)**
  - ➔ **FCL.625.A – Revalidation \***
  
- ★ **Section 3 – Specific requirements for IR(H)**
  - ➔ **FCL.625.H – Revalidation \***
  - ➔ **FCL.630.H – Extension of privileges from SE to ME \***

**NEW:** IR is no longer type specific

\*) Appendix 9 to Part FCL



# Instrument Rating

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## ➤ Subpart G

- ★ **Section 4 - Specific requirements for IR(PL)**
  - *Reserved*
- ★ **Section 5 – Specific requirements for IR(As)**
  - **FCL.625.As – Revalidation of IR – airships \***

\* ) Appendix 9 to Part FCL



# Instrument Rating - summary

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## ➤ Subpart G – Section 1

- ★ Follows JAR-FCL for (A) and (H), with a similar system for other categories of aircraft

### What is new?

- ★ IR (H) is no longer type specific



## ➤ III. Class and type ratings



# Class and Type Ratings

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## ➤ Subpart H – Section 1

### ★ Common Requirements

- ➔ **FCL.700** – Circumstances in which class or type ratings are required
- ➔ **FCL.705** – Privileges of the holder of a class or type rating
- ➔ **FCL.710** – Class and type ratings – Variants
- ➔ **FCL.725** – Requirements for the issue of class and type ratings
- ➔ **FCL.740** – Validity and renewal of class and type ratings
  - ➔ Renewal: Appendix 9 to Part FCL



# Class and Type Ratings

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## ➤ Subpart H

### ★ Section 2 – Specific requirements for (A)

- ➔ **FCL.720.A** – Experience requirements and pre-requisites for the issue of class or type ratings – aeroplanes
- ➔ **FCL.725.A** – Knowledge and flight instruction for the issue of class or type ratings – aeroplanes
- ➔ **FCL.730.A** – Specific requirements for pilots undertaking a ZFTT course – aeroplanes



# Class and Type Ratings



## ➤ Subpart H

### ★ Section 2 – Specific requirements for (A)

- ➔ **FCL.735.A** – Multi-crew cooperation training-aeroplanes
- ➔ **FCL.740.A** – Revalidation of class and type ratings – aeroplanes
  - ➔ Type ratings and multi-engine class ratings \*
  - ➔ Single-pilot single-engine class ratings \*

\* ) Appendix 9 to Part FCL



# Class and Type Ratings



## ➤ Subpart H

### ★ Section 3 – Specific requirements for (H)

- ➔ **FCL.720.H** – Experience requirements and pre-requisites for the issue of type ratings – helicopters
  - ➔ Multi-pilot helicopters
  - ➔ Single-pilot multi-engine helicopters
  
- ➔ **FCL.735.H** – Multi-crew cooperation training - helicopters
  
- ➔ **FCL.740.H** – Revalidation of type ratings – helicopters
  - ➔ Appendix 9 to Part FCL



## Class and Type Ratings

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### ➤ Subpart H

#### ★ Section 4 - Specific requirements for (PL)

- ➔ **FCL.720.PL** – Experience requirements and prerequisites for the issue of type ratings for powered lift aircraft
  - ➔ Helicopter pilots
  - ➔ Aeroplane pilots
  - ➔ Pilots qualified to fly aeroplanes and helicopters
- ➔ **FCL.725.PL** – Flight instruction for the issue of type ratings for powered lift aircraft
- ➔ **FCL.740.PL** – Revalidation of type ratings – powered lift aircraft
  - ➔ Appendix 9 to Part FCL



# Class and Type Ratings

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## ➤ Subpart H

### ★ Section 5 – Specific requirements for (As)

- ➔ **FCL.720.As** – Pre-requisites for the issue of type ratings
- ➔ **FCL.735.As** – Multi-crew cooperation training
- ➔ **FCL.740.As** – Revalidation of type ratings
  - ➔ Appendix 9 to Part FCL



## Class and Type Ratings - summary

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### ➤ Subpart H

- ★ Follows JAR-FCL for (A) and (H), with a similar system for other categories of aircraft

### What is new?

- ★ Provisions for sea-ratings
- ★ Provisions for powered-lift



## ➤ IV. Instructors and Examiners



# Instructors

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## ➤ Subpart J

### ★ Section 1 – Common requirements

- ➔ **FCL.900** – Instructor certificates
- ➔ **FCL.915** – General requirements for instructors
- ➔ **FCL.920** – Instructor competencies and assessment
- ➔ **FCL.925** – Instructors for MPL
- ➔ **FCL.940** – Validity of instructor certificates



# Instructors

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## ➤ Subpart J

★ Further sections with specific requirements for each type of instructor:

- ➔ Section 2 – Light Aircraft Flight Instructor - **LAFI**
- ➔ Section 3 – Flight Instructor - **FI**
- ➔ Section 4 – Type Rating Instructor - **TRI**
- ➔ Section 5 – Class Rating Instructor – **CRI**
- ➔ Section 6 – Instrument Rating Instructor - **IRI**
- ➔ Section 7 – Synthetic Flight Instructor - **SFI**
- ➔ Section 8 – Multi-Crew Cooperation Instructor - **MCCI**
- ➔ Section 9 – Synthetic Training Instructor - **STI**
- ➔ Section 10 – Mountain Rating Instructor - **MI**



# Instructors

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## ➤ Subpart J

- ★ **Specific requirements cover for each type of instructor:**
  - ➔ Privileges and conditions
  - ➔ Pre-requisites for training course
  - ➔ Training course
  - ➔ Skill test
  - ➔ Revalidation and renewal



## Instructors - summary

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### ➤ Subpart J

- ★ Follows JAR-FCL for (A) and (H), with a similar system for other categories of aircraft

### What is new?

#### Instruction outside EU territory

- ➔ Requirements in old Appendix 1 to JAR-FCL 1.300 have disappeared – same requirements as for instruction in EU
- ➔ Level playing field



## Instructors - summary

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### ➤ Subpart J (cont.)

### What is new?

#### ★ **New types of instructor:**

- MI
- MCCI for helicopters
- **LAFI**
  - instructor for the LPL

#### ★ **FI privileges and conditions**

- Include new categories of aircraft
- CPL TK is not needed for FI (A)



## Instructors - summary

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### ➤ Subpart J (cont.)

### What is new?

#### ★ **Prof check for revalidation:**

- LAFI: every third revalidation
- FI: for the first and at least every
  - Second revalidation for (A) and (H)
  - Third revalidation for (As), (S) and (B)



# Examiners

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## ➤ Subpart K

### ★ Section 1 – Common requirements

- ➔ **FCL.1000** – Examiner certificates
- ➔ **FCL.1005** – Limitations of privileges in case of vested interests
- ➔ **FCL.1010** – Pre-requisites for examiners
- ➔ **FCL.1015** – Examiner standardisation
- ➔ **FCL.1020** – Examiners assessment of competence
- ➔ **FCL.1025** – Validity, revalidation and renewal of examiner certificates
- ➔ **FCL.1030** – Obligations for examiners



# Examiners

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## ➤ Subpart K

★ Further sections with specific requirements for each type of examiner:

- ➔ Section 2 – Flight Examiners – **FE**
- ➔ Section 3 - Type Rating Examiners – **TRE**
- ➔ Section 4 – Class Rating Examiners – **CRE**
- ➔ Section 5 – Instrument Rating Examiners – **IRE**
- ➔ Section 6 – Synthetic Flight Examiners – **SFE**
- ➔ Section 7 – Flight Instructor Examiners - **FIE**



# Examiners

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## ➤ Subpart K

- ★ **Specific requirements cover for each type of examiner:**
  - ➔ Privileges and conditions
  - ➔ Pre-requisites



## Examiners - summary

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### ➤ Subpart K

- ★ Follows JAR-FCL for (A) and (H), with a similar system for other categories of aircraft

### What is new?

- ★ **Examiners no longer work on behalf of NAA**
  - ➔ They have their own privileges
  - ➔ More detailed requirements on qualifications, obligations and limitations
- ★ **All examiners need to have a licence**
- ★ **Special authorisation**
  - ➔ Only for introduction of new aircraft types



## Summary

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### ➤ How to become a professional pilot?

#### ➔ The traditional way:

##### ➔ Modular route

» PPL course, CPL course, IR course, ATPL theoretical knowledge course and many hours of flight and tests.

##### ➔ Integrated route

» ATP integrated course, resulting in the issue of a CPL and IR and ATPL Theory



## Summary

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- **How to become a professional pilot?**
  - ➔ **The latest developments and alternative way for aeroplanes:**
    - ➔ **The Integrated Multi-Crew Pilot Licence (MPL(A)) course.**
    - ➔ **Resulting in a MPL(A) with Multi-Pilot Type Rating and ATPL theory**



## Professional licences - summary

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- 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

