# AIRCADEMY

## LEARNING AT A HIGHER LEVEL

# Question Banks
## for Examination and Training

Flight Crew Licencing (FCL)

Aircraft Maintenance Engineers (AME / Part-66)

Air Traffic Controller (ATC)

Cabin Crew (CC)

Flight Dispatcher (FD / FOO)

Drones (UAS / RPAS)

Our question banks comply with **ICAO and EASA standards** and can be customised for **regional and national requirements**.

LPLUS

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EMPIC

# The Concept

Examinations in the field of aviation must not only meet the highest standards, but also be constantly up to date in terms of aviation regulations, operational procedures and technical possibilities. AIRCADEMY's question banks meet all these requirements and can also be flexibly adapted to your needs.



## EASA and ICAO Compliancy

The starting point for the development of our question databases are the specifications of ICAO and EASA. Learning objectives, difficulty levels and published definitions are the basis for conceptual design and implementation. This procedure allows for the greatest possible global harmonisation.

## Adaption to national curricula and syllabi

During implementation with aviation authorities, national and regional regulations and curricula are the main focus. If predefined learning objectives exist, our databases are seamlessly integrated. If they do not yet exist, we implement detailed learning objectives and develop new ones if necessary.

## Regionalisation and Customisation

In some areas it is necessary to address the specifics of a region or country. These can be meteorological phenomena as well as air law specifics or operational procedures. Our databases can be supplemented by existing databases or questions developed by us.

## Languages

Generally, all question databases of AIRCADEMY are available in English. For some licences, such as PPL, other languages are also available. Own translations can be implemented on request as well.

## Training

As the examination is "only the proof of training" before, we also offer training material and training question banks for many licences.

# Writing and Review Concept

The development of question databases and questions itself follow a very strict procedure and validated rules. Experts from different fields and international aviation authorities are involved in the procedures, thus ensuring high quality and continuous improvement.

## Types of Questions

Most questions follow a multiple-choice format with three or four answer options, including one correct choice. These questions have many advantages, for example automatic evaluation and the adaptation to different difficulty levels. But also, other question types such as fill in the blank and essay questions are included and possible.

## Images and Attachments

Numerous high-quality images and attachments are implemented in the question databases. They are used for illustrations or as necessary part of the question, such as navigation charts, weather charts and performance tables. They are either directly inserted in the question or provided as digital attachment in case of larger images.

## Development Process

The development of a question comprises multiple steps, starting with the question writing. After the initial writing process, the question passes different reviews by other experts. This is necessary to minimise individual biases and to ensure that each question is appropriate for the examination.



Question Writing › Initial Review › Technical Review › Language Review › Final Review

## Authors and Experts

Numerous experts from the fields of aviation law, technology, cockpit, cabin, human performance, meteorology and much more contribute to the high quality and continuous improvement of the databases. Aviation authorities are also involved in the process and act as a supervisory body.

## Review and Update Procedure

All AIRCADEMY question databases are regularly updated according to requirements. Current technical and legal developments as well as feedback from users are considered. Regular updates take place approximately 2-4 times per year depending on operational needs and the type of QDB.

# ICQB-FCL
## ATPL, MPL, CPL and IR

The core and most popular of our question databases is this extensive and constantly updated ATPL question database, which is based on EASA guidelines but has since been adapted to many regional scenarios, especially in Africa and Asia.



## Cataloguing and Legal Basis

Compliant to EASA AMC1 FCL.310(a); FCL.515(b); FCL.615(b), AMC2 FCL.615(b) to AMC8 FCL.615(b), AMC1 ARA.FCL.300(b) and AMC2 ARA.FCL.300(b))

## Covered Licences

MPL, ATPL(A), ATPL(H), CPL(A), CPL(H), IR

## Covered Subjects

Air Law, Aircraft, Systems, Power Plant, Instruments, Mass & Balance, Performance, Flight Planning and Monitoring, Human Performance, Meteorology, General Navigation, Radio Navigation, Operational Procedures, Principles of Flight, Communications

## Quantity

~ 8000 Multiple Choice Questions

# ICQB-PPL
## Private Pilots, Glider & Balloon

Our PPL question database "ICQB-PPL" is being used by more and more aviation authorities in Europe and beyond to conduct private pilot examinations. In addition to being highly professional, this database is now available in several languages, with more in development.



## Cataloguing and Legal Basis
Compliant to EASA AMC1 FCL.310(a); FCL.515(b); FCL.615(b), AMC2 FCL.615(b) to AMC8 FCL.615(b), AMC1 ARA.FCL.300(b) and AMC2 ARA.FCL.300(b))

## Covered Licences
PPL(A), PPL(H), SPL, BPL (Gas), BPL (Hot Air)

## Covered Subjects
Air Law, Aircraft General Knowledge, Flight Planning and Performance, Human Performance, Meteorology, Navigation, Operational Procedures, Principles of Flight, Communications

## Available Languages
English, German, French, Dutch, Slovene, Icelandic, Danish (in progress)

## Quantity
~ 2500 Multiple Choice Questions

# ICQB-AME
## Maintenance Engineers (AME / Part-66)

The question database for Aircraft Maintenance Engineers (AME) contains all necessary modules required by EASA as well as worldwide. The structure is in accordance with EASA Part-66 but can easily be adapted to other bases.



## Cataloguing and Legal Basis
Compliant to Appendix I to Annex III (Part-66), Regulation (EU) 2018/1142, 2023/989 and 1321/2014

## Covered Categories
A1, A2, A3, A4, B1.1, B1.2, B1.3, B1.4, B2, B3

## Covered Modules
Mathematics, Physics, Electrical Fundamentals, Electronic Fundamentals, Digital Techniques, Materials and Hardware, Maintenance Practices, Basic Aerodynamics, Human Factors, Aviation Legislation, Turbine Aeroplane Aerodynamics, Piston Aeroplane Aerodynamics, Helicopter Aerodynamics, Aircraft Aerodynamics, Propulsion, Gas Turbine Engine, Piston Engine, Propeller

## Quantity
~ 4500 Multiple Choice Questions

~ 100 Essay Questions compliant to the corresponding modules

# AIRCADEMY
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# ICQB-ATC
## Air Traffic Controller

Our question database for Air Traffic Controllers (ATC) meets the latest and highest standards for the examination of ATC personnel. It is fully compliant to EASA regulations and can be adopted to regional needs.



## Cataloguing and Legal Basis
Compliant to Appendix II to Annex I (Part-ATCO) of Regulation (EU) 2023/893

## Covered Categories
ATC-Basic, Customisation available

## Covered Modules
Aviation Law, Air Traffic Management, Meteorology, Navigation, Aircraft, Human Factors, Equipment and Systems, Professional Environment
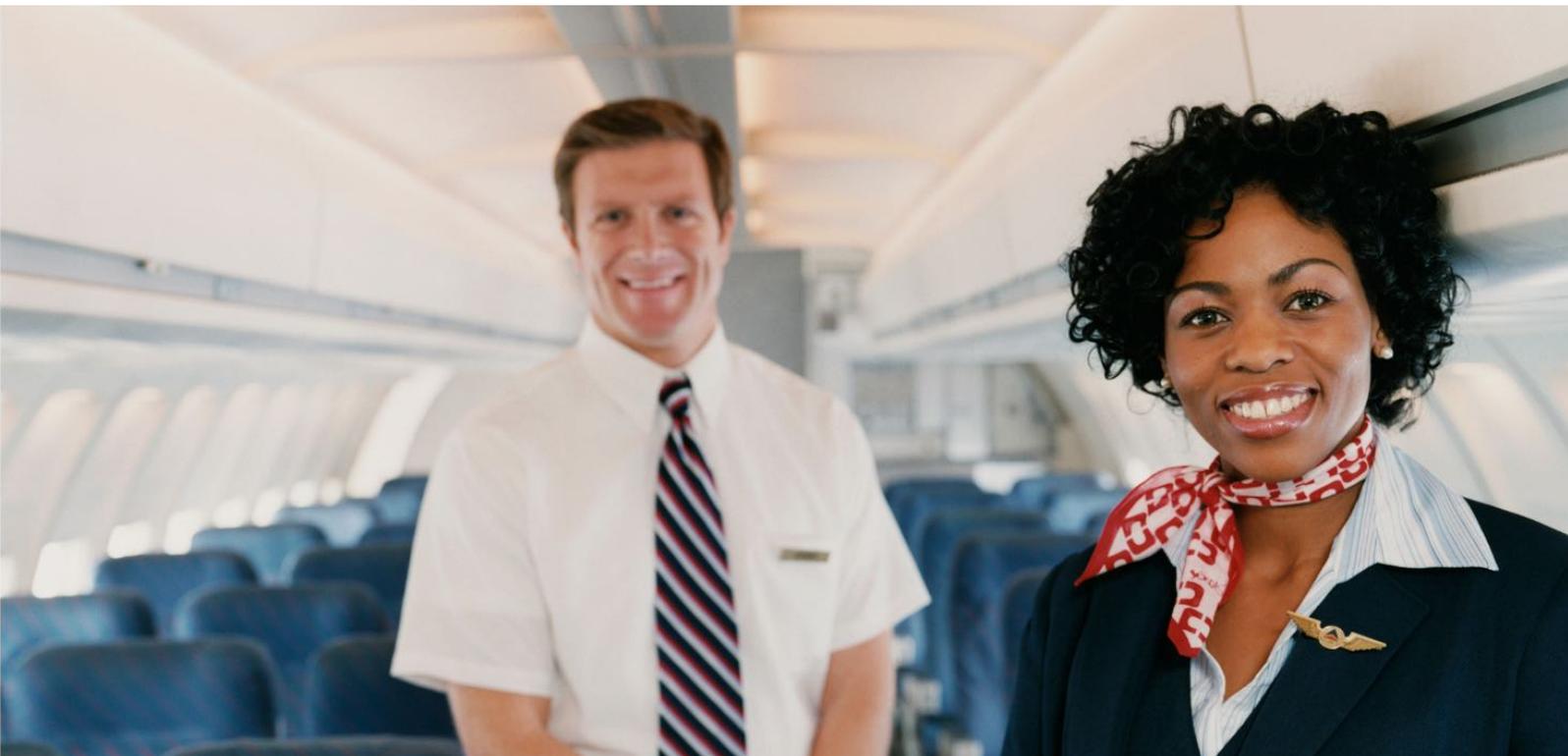
## Quantity
~ 4500 Multiple Choice Questions

# AIRCADEMY

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# ICQB-CC
## Cabin Crew

This database for Cabin Crew comprises examination questions, that can be used for the initial as well as the recurrent training to obtain and maintain the "Cabin Crew Attestation" (CCA).



## Cataloguing and Legal Basis
Compliant to EASA Appendix 1 to Part-CC (Annex V), Regulation (EU) 290/2012

## Covered Licences
Cabin Crew General, Sub-Licences possible

## Covered Subjects
General Theoretical Knowledge and Aviation Regulations, Communication, Human Factors, Crew Resource Management, Passenger Handling and Cabin Surveillance, Aero-Medical Aspects and First-Aid, Dangerous Goods, General Security Aspects, Fire and Smoke Training, Survival Training

## Available Languages
English, French

## Quantity
~ 1500 Multiple Choice Questions

# ICQB-FOO
## Flight Operations Officer / Flight Dispatch

Also included in the core ICQB20 are examination questions for Flight Dispatchers. Due to a lack of international regulations and common basis, we derived a professional database for Flight Dispatchers from our ATPL/CPL-database.

## Cataloguing and Legal Basis

Compliant to EASA AMC1 FCL.310(a); FCL.515(b); FCL.615(b), AMC2 FCL.615(b) to AMC8 FCL.615(b), AMC1 ARA.FCL.300(b) and AMC2 ARA.FCL.300(b))

## Covered Licences

Flight Operations Officer

## Covered Subjects

Air Law, Aircraft, Systems, Power Plant, Instruments, Mass & Balance, Performance, Flight Planning and Monitoring, Human Performance, Meteorology, General Navigation, Radio Navigation, Operational Procedures, Principles of Flight, Communications

## Quantity

~ 5500 Multiple Choice Questions

# ICQB-UAS
## Drones / RPAS

In the entire aviation area, no other sector is growing as fast as that of drones. We provide our clients with professional databases for various remote pilot licensing areas and target groups, from recreational to professional.



## Cataloguing and Legal Basis
Compliant to EASA AMC1 UAS.OPEN.020(4)(b) and GM1 UAS.SPEC.050(1)(d)

## Covered Licences
A1/A3, A2, STS-01, STS-02, Specific

## Covered Subjects
Aviation and UAS Regulations, Human Performance, Meteorology, Principles of Flight, Operational Procedures, UAS General Knowledge, UAS Flight Performance, Technical and Operational Mitigations for Ground and Air Risk

## Languages
English and German

## Quantity
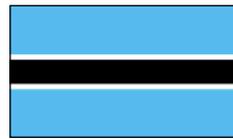~ 1000 Multiple Choice Questions

# Our Customers

Our question databases are used by aviation authorities and training entities worldwide. We not only have a close relationship to every single customer, but cooperate strongly to improve the quality of training and exams constantly. Our products are used in over 40 countries worldwide, including (selection of customers, in random order):

| | | | |
|---|---|---|---|
| **Austria** | **Azerbaijan** | **Botswana** | **Belgium** |
| **Iceland** | **South Africa** | **Oman** | **Macau** |
| **Germany** | **Slovenia** | **Denmark** | **Kenya** |
| **Malta** | **Norway** | **Hongkong** | **Luxembourg** |
| **Namibia** | **Greece** | **Mongolia** | **...and many more** |
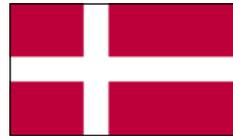
# THE COMPANY

## From Germany to the World

Our products are used in over 40 countries worldwide.

| 25+ | 200+ | 1000+ |
|---|---|---|
| **Aviation Authorities** | **Training Entities** | **Yearly Students** |

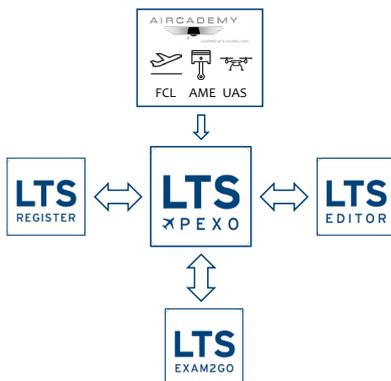## Highest Quality in Aviation Training since 2008.

With over 15 years of experience, AIRCADEMY provides cutting-edge aviation training and examination solutions used by authorities and flight schools worldwide. Developed and updated by aviation experts, our products align with global standards and ensure optimal examinations as well as exam preparation.

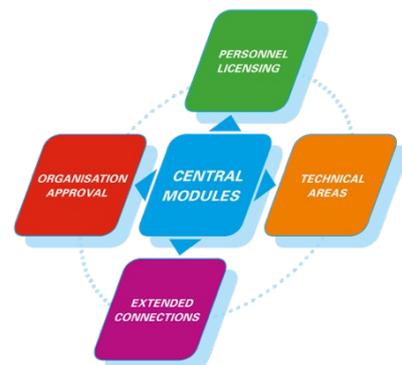Partner with AIRCADEMY to elevate your examinations to the next level.

## Our strong cooperation partners for CAAs

**LPLUS** ✓

High Stake Examination Software
for Aviation Authorities

AIRCADEMY
FCL  AME  UAS

**LTS** REGISTER ⟺ **LTS** ✈PEXO ⟺ **LTS** EDITOR

**LTS** EXAM2GO

**EMPIC**

Safety Oversight Management Software
for Aviation Regulators

PERSONNEL LICENSING

ORGANISATION APPROVAL  CENTRAL MODULES  TECHNICAL AREAS

EXTENDED CONNECTIONS

# CONTACT

## More Information

**Henrik Lührs**

[henrik@aircademy.eu](mailto:henrik@aircademy.eu)

www.aircademy.com

### Contact us and we will clear you for take-off..!