

Airplane Pilot Training

Introduction Guide

Private Pilot License Night Rating

AEROCLUB MESOGEION

EASA DECLARED TRAINING ORGANISATION EL-DTO-011
Premises: DEKELEIA AIRFIELD (LGTT)

Contact: +30-6974776230, +30-6977267711, +30-210-8169910
Site: <http://www.mesogeion-aeroclub.gr> e-mail: info@mesogeion-aeroclub.gr

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GENERAL

The Pilot Training Organization of Mesogeion Aeroclub is operating under HCAA supervision. Our Aeroclub was founded in 1999 to give our members the opportunity to obtain pilot licences and ratings for light planes, share the feeling of flying and become active air-athletes. The training is conducted in accordance to the provisions of EASA regulation PART FCL and PART ORA / DTO.

Currently, the flight activity of Mesogeion Aeroclub takes place mainly in Dekeleia Airport (Tatoi - LGTT). Our training airplanes are two four-seat Cessna 172, the best and most popular trainer aircraft in the world!



Our 2 Training Cessna 172M SXASG and SXASV

Theory courses are carried out in our premises at Dekeleia airfield or via distance learning methods, at day and time that is convenient for the students (eg. in the airport before or after a training flight). Our personnel consist of flight instructors, theoretical knowledge instructors, administrative staff and engineers with remarkable experience in aviation.

EASA FSTD approved simulators (Generic SEP) are also used for synthetic training according to EASA rules close to El. Venizelos Athens International Airport.



FLIGHT SAFETY

Light airplanes are safe and reliable. Reliability is based on proven global statistics and best practices. The maintenance of our airplanes is done every 50, 100, 200 flight hours and once a year, always in accordance to the current legislation (EASA service bulletins, HCAA and FAA airworthiness directives), to meet the continuous airworthiness policy under a Continuous Airworthiness Organisation supervision. The engines are replaced with «Zero-Time Rebuilt» ones every 2000 hours of operation, which means that are replaced by new ones.



Safety is our top and undisputed priority. While meeting national and international standards, all our staff is committed to developing, implementing, maintaining and constantly improving strategies and processes to ensure that our activities take place under a balanced allocation of organizational resources, thus aiming for the highest level of safety performance.



ENROLLMENT

General Pre-entry requirements



- Love and willingness to fly
- Free time for studying and flying
- Minimum Age 18 years old
- Good Knowledge of Mathematics and Physics
- Good Knowledge of the English language
- Medical Fitness
- Active Membership in Mesogeion Aeroclub

Documents to be submitted

- Student Pilot Registration Application
- 1 colored photo (passport size)
- Copy of ID or Passport (valid)
- Copy of General Certificate of Studies (e.g. high school, university or higher etc.)
- Copy of Medical Certificate
- Copy of Aviation English Language Results Certificate (minimum Level 4, before 1st SOLO)
- Declaration of Consensus for data protection

Additional documents for credit

(for recognition of prior experience or in case of transfer from another training organization as if applicable):

- Copy of pilot LOGBOOK
- Certificate of student de-registration
- Student Pilot Records
- Copy of Pilot License & Medical Certificate

Medical Fitness

The student pilot to act as PIC (SOLO) must be a holder of Aviation Medical Certificate class A or B. Additionally for Night Rating the candidate must be 'color safe'.

English Language Exam

The student pilot must pass an examination in Aviation English Language Level 4 (or higher) before 1st SOLO flight. It is a simple oral test of English knowledge (separate from the theoretical course COMMUNICATIONS) focusing in aviation English. This exam can be executed in an Approved by HCAA Aviation English Exam Center. Our Training Organization provides a 2hrs free of charge preparation course for the initial examination.

TRAINING COURSES

A) PRIVATE PILOT LICENCE - PPL(A)



The purpose of the PPL (A) course is the training of the candidate so that he/she may operate safely and effectively, in accordance with visual flight rules, a light single-engine piston land airplane (with MTOM<5700Kgr).

1. Theoretical Knowledge Instruction

a) Distance Learning

| ID | Subjects | Classroom Instruction Hours | Self-Studying Hours |
|------------------------------|---------------------------------|-----------------------------|---------------------|
| 1 | Air Law and ATC Procedures | 1.5 | 15 |
| 2 | Human Performance | 0.5 | 5 |
| 3 | Meteorology | 2.0 | 20 |
| 4 | Communications | 1.0 | 10 |
| 5 | Principles of Flight | 2.0 | 20 |
| 6 | Operational Procedures | 0.5 | 5 |
| 7 | Flight Performance and Planning | 1.5 | 15 |
| 8 | Aircraft General Knowledge | 2.0 | 20 |
| 9 | Navigation | 2.0 | 20 |
| Total: | | 13 | 130 |
| Total Cost of theory: | | 13 x 40€/h = 520€ | |
| Minimum Time Scale: | | 4 weeks | |

After the completion of self-studying of each module, student pilots of distance learning courses sit for online exam (pass mark 80%). Self-assessed tests should be completed at intervals of five to 10 study hours (or less) and progress test submitted to our Training Organization every 15 study hours (or less) which are online monitored by the HT.

After the completion of online tests for each subject, the student must attend a classroom instruction (see table above) and sit for a final exam of the relevant subject in electronic format (Computer Based Training system) simulating official exams, conducted at the facilities of our Training Organization under the supervision of the HT

according to the rules of the HCAA. Exams language is English. For every subject, the student may sit for a final exam only once every day. Pass mark is 80%. If the student fails a final exam 3 consecutive times, further training will be determined by the HT, based on the needs of the applicant.

After the successful completion of all final exams the HT issues a certificate which is valid for 12 months. If the applicant has failed to attempt (not to pass, just attempt) at least one theoretical knowledge examination paper at HCAA exam center within this period of validity, depending on the applicant's needs, the HT will determine if further theoretical training is needed.

b) Full-theory course

Student pilots of full-theory course must attend a total of 100h of lectures for all subjects and after the completion of the ground school, the candidate sits for a final exam in every subject as stated in the previous paragraph. The duration of this course is approximately 1 year.

c) HCAA theory exams

Pass standards

(1) A pass in an examination paper will be awarded to an applicant achieving at least 75 % of the marks allocated to that paper. There is no penalty marking.

(2) An applicant has successfully completed the required theoretical knowledge examination for PPL(A) when he/she has passed all the required examination papers within a period of 18 months counted from the end of the calendar month when the applicant first attempted an examination.

(3) If an applicant has failed to pass one of the examination papers within 4 attempts, or has failed to pass all papers within the period mentioned in paragraph (2), he/she shall re-take the complete set of examination papers.

Before re-taking the examinations, the applicant shall undertake further training at the Training Organization. The extent and scope of the training needed shall be determined by the HT, based on the needs of the applicant.



Validity period

The successful completion of the theoretical knowledge examinations will be valid for a period of 24 months counted from the day the pilot successfully completes the theoretical knowledge examination.

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Terminology

The meaning of the following terms (used in PART FCL.025) should be as follows:

- (a) 'Entire set of examinations': an examination in all subjects required by the license level.
- (b) 'Examination': the demonstration of knowledge in one or more examination papers.
- (c) 'Examination paper': a set of questions to be answered by a candidate for examination.
- (d) 'Attempt': a try to pass a specific paper.
- (e) 'Sitting': a period of time established by the HCAA within which a candidate can take an examination. This period should not exceed 10 consecutive days. Only one attempt at each examination paper is allowed in one sitting.

The examinations may be in written form or computer-based form. The examinations comprise approximately a total of 120 multiple-choice questions covering all the subjects. Practical classroom testing may be conducted for the Communications course.

Pilot License exam at HCAA center-scheduling is once per month.

2. Flight training

The Flight Training is the most important part of our training syllabus. The flight training is done by experienced Flight Instructors, at date and times convenient for the student, during airport's normal working hours (for aeroclubs), under good weather conditions.

COURSE STRUCTURE

| INTRODUCTION | Extended Briefing Hours | | |
|---|--------------------------------|--------------|--------------|
| Familiarization and Preparation for and action after flight | 03:00h | | |
| COST OF INTRODUCTORY PHASE | 3 x 40 € = 120 € | | |
| FLYING TRAINING (A) | DUAL | SOLO | FSTD |
| Familiarization, Basic & Advanced Maneuvers | 08:00 | - | - |
| Traffic Pattern Operations / Progress Test for 1st SOLO | 07:00 | - | - |
| Local Flight for Traffic Pattern consolidation | 04:00 | 08:00 | - |
| Basic Instrument Flying | - | - | 03:00 |
| Navigation | 06:00 | 07:00 | 02:00 |
| <i>Total</i> | <i>25:00</i> | <i>15:00</i> | <i>05:00</i> |
| Minimum Completion Time: | 3 months | | |
| TOTAL INSTRUCTION HOURS | 45:00 | | |
| COST OF TRAINING FLIGHTS (B) | 40 x 210 € = 8400 € | | |
| COST OF FSTD | 5 x 140 € = 700 € | | |
| TOTAL COST OF FLYING TRAINING | 9100 € | | |

Notes:

A) Dekeleia Airfield timetable: According to Greek AIP and NOTAMs

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B) Standard cost of **(non-prepaid / pay-as-you-fly)** training flights is **210 €/h**. For more details please visit our online [price-list](#) page.

B) Night Rating NR(A)

The purpose of the course for the Night Rating (VFR - night) is to provide the trainee with knowledge suitable to fly efficiently and safely during the hours of darkness in VMC.



| Phase | DUAL | SOLO |
|-------------------------|--|-------|
| Night Flying Local | 03:30 | 00:30 |
| Night Flying Navigation | 01:00 | - |
| Totals | 04:30 | 00:30 |
| GENERAL TOTAL: | 05:00 (cost 5 x 210 € = 1050 €) pay-as-you-fly | |
| Theory Training | 2h (cost 2 x 40€ = 80€) | |
| TOTAL COST: | 1130€ | |

Extras

1. Training equipment / books / maps cost are not included in the prices mentioned above
2. HCAA theory exam fee per subject: 15€
3. Skill Test fee (20€) - HCAA PPL(A) issuing fee (50eu)
4. English Language Proficiency Check fee (it depends on the exam center)
5. Medical Certificate Issue Fee: it depends on the Aeromedical Examiner
6. Handlings / Landing fees at International Airports for navigation or night flights.
7. Prepayment of minimum required lectures is mandatory
8. In case of out-of-base refuelling, the cost of flight is modified according to the difference of fuel cost per litre

***Note:** All prices/costs mentioned in this document may change without prior notice.



FLYING AS A LICENSE HOLDER

Pricelist for PPL(A) holders

| | |
|----------------|---------|
| Pay-as-you-fly | 170€ /h |
|----------------|---------|

* Refer to our online [price-list page](#) for additional information.

Revalidation of SEP(land) rating / Validity of PPL(A) - Currency

In order to act as PIC and carry passengers the pilot must have:

1. License
 - a. Valid SEP(land) rating (expires every 2 years), revalidated with:
 - i. within the 3 months preceding the expiry date of the rating, pass a proficiency check with an examiner or
 - ii. within the 12 months preceding the expiry date of the rating, complete 12 hours of flight time in the relevant class, including:
 1. 6 hours as PIC
 2. 12 take-offs and 12 landings, and
 3. refresh training of at least 1 hour of total flight time with a flight instructor (FI).
 - b. Valid English Language PC check (Level 4 – 4 years, Level 5 – 6 years, Level 6 valid for life)
2. Recent Experience: 3 take-off & landings during last 90 days for day operation and 1 take-off & landing for night flying if applicable
3. Valid Medical Certificate



MEDICAL CERTIFICATE

PROPOSED AEROMEDICAL EXAMINER (Honorary Member of Mesogeion Aeroclub):
Dimitrakopoulos Ioannis: Pandoras 28 Glyfada
Tel: 210-9680862, +30-6936277370, E-mail: john_dimitrakopoulos@hotmail.com

PROPOSED AVIATION ENGLISH EXAM CENTER

HELLENIC AIR TRAINING SERVICES:

15, Ermou str. 19003, Markopoulo, Hellas (GR) Tel: +30 22990 24820 Fax: +30 22990 24820 e-mail: info@hatsato.com

TRAINING MATERIAL

Theoretical Training

- "The Air Pilot's Manual" Vol. 1-7
- TPC G3A and F3D maps
- Plotter
- Flight Computer

Flight Training

- Mesogeion Aeroclub's Manuals / Procedures
- Valid Member Card – expires every 1st of March
- Valid PID or Passport
- "The Air Pilot's Manual" Vol. 1 for PPL(A) or Vol. 5 for NR(A)
- Log Book
- Knee Board
- AIP, Military AIP and/or JEPESSEN Trip Kit

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ABBREVIATIONS

AIP: Aeronautical Information Publication
AOM/AFM: Aircraft Operating Manual / Aircraft Flight Manual
BIF: Basic Instrument Flight
HT: Chief Theoretical Knowledge Instructor
EASA: European Aviation Safety Agency
FAA: Federal Aviation Administration (US)
FTSD: Flight Simulation Training Device
FI: Flight Instructor
HCAA: Hellenic Civil Aviation Authority
HT: Head of Training
MTOM: Maximum Take-off Mass
NR: Night Rating
PC: Proficiency Check
PIC: Pilot in Command
PPL: Private Pilot License
SE: Single Engine
SEP: Single Engine Piston
SP: Single Pilot
TRM: Training Manual
VMC: Visual Meteorological Conditions
VFR: Visual Flight Rules