



PILOT SCHOOL

PRIVATE PILOT LICENSE COURSE

INTRODUCTION:

The present course of 4 PILOTS is adapted to the new European regulation JAR-FCL and recognized by the Headquarter of Civil Aviation, takes as an object the formation and obtaining the Private Pilot License Course (PPL), to practise as a Commander or Co-pilots of piston aircraft, in sports flights and leisure, not remunerated.

Obtaining the PPL License is the first step to manage to obtain a Commercial Pilot or Airline Pilot Transport License.

REQUIREMENTS:

Minimum age for a "Student Pilot" will be 16 years old before his first "solo" flight. Minimum age for obtaining a PPL, will be 17 years old.

Class II Medical certificate. (Realized in any Medical Authorized Center)

4 passport-sized photos and 2 passport copies.

DURATION:

The duration of the course will depend on the availability of the student (from 3 to 6 months).

The schedules are flexible adjusting the flight schedule and the theoretical classes to the weekend or on weekdays.

COURSE:

Theoretical Program *

The theoretical program consists of approximately 125 hours of education in the school and facilities of 4 PILOTS and the tests of knowledge they will be realized by the Headquarter of Civil Aviation in SENASA's facilities in Madrid.

The subjects giving in the Private Pilot course will consist in the following topics:

- **Air Legislation:** Regulation JAR, rules of the air, air traffic services...
- General Knowledge of the Aircraft: Engines, electrical system, fuel system, instruments...

- **Performance and Flight Planning:** Weight and balance, performances in takeoff, landing and in flight...
- **Human Factors and Aeronautical Medicine:** Effects of the flight in the organism, toxic dangers, judgment and taking decisions.
- **Meteorology:** The atmosphere, winds and precipitation, cyclones and anticyclones, formation of clouds and air masses, ice and storms, flight on mountain areas, weather forecast and reports (METAR and TAFOR), significant charts...
- **Navigation:** Cartography, magnetism of the aircraft, maps, CR3 computer, visual navigation, introduction to the navigation with instruments...
- **Operational Procedures:** Preparation of flights, flight maneuvers...
- **Aerodynamics:** Forces that act on the aircraft, speeds, behavior of the aircraft in the atmosphere, control surfaces, flight controls...
- **Communications:** communication procedures, departure, arrival and circuit pattern, communications failure, emergency procedures...
- **Flight Briefing:** preparation and analysis of the flights, theoretical and practical progression of the student, and analysis of maneuvers.

Flight Program

Flight program consists of 45 hours, which at least according to the law, 25 hours of instruction and, at least, 10 "solo" supervised flights, which include, at least, 5 hours cross country, including, at least, a flight of a minimum of 270 Km (150 Nm), landing in two different airports from the departure airport.

Educational material *

- Aircraft Flight Manual
- Analysis of maneuvers and flight program
- Flight bag *
- Bibliography *
- CR-3 (Computer) *
- Plotter *
- Visual Chart 1:500.000 (Jeppesen) *
- Handy kneeboard *
- Student Pilot card *
- Access Card Son Bonet Airport *
- Logbook *

* *Not included in the price of the course, and only the above mentioned material will be provided to requirement of the student or advise where to obtain it.*



Cost of the Course

The cost of the course will be 8.300 €.

The payment of the course will be applied by terms of contract.

The theoretical classes price is 15€/hour.

The price of the course will include:

- 45 flight hours.

The price of the course will not include:

- Educational material.
- Cost of the medical certificate.

The validity of the medical certificate class 2 comes stipulated by the age of the student pilot:

- Less than 39 years: Every 5 years.
 - Less than 50 years: Every 2 years.
 - Less than 65 years: Every year.
 - More than 65 years: Every six months
- Landing fees.
 - Flight exam (examiner and two flight hours).
 - Acces Card to Son Bonet Airport
 - V.A.T

Airplane characteristics

PIPER WARRIOR II PA-28-161

- Engine: 1 Lycoming
- Horse Power: 160 H.P.
- Propeller: Fix, Sensenich
- Landing gear: fix
- Maximum takeoff of weigh 2.325 lbs (1.108 kg)
- Cruising speed: 111 Kts
- Autonomy: 5 hours
- Number of seats: 4

REGISTRATION

Admitted students, will have to complete the following items:

- Pay the quantity stipulated for matriculation according the contract
- Signing of the contract
- Present the following documentation:
 1. ID card photocopies
 2. 4 Photos
 3. Original and copy of the medical certificate.

!! FLY SAFE !!



CONTACT WITH:

- **Flight Operations Director:**
D. Jesus González Narváez
Mobile: + (34) 607 835 746
e-mail: info@4pilots.es
- **Chief Flight Instructor**
D. Jaime Alonso Martorell
Mobile: +(34) 661 362 358
e-mail: jaimealonsomartorell@gmail.com
- **Office: +(34) 971 915 780**
www.4pilots.es