
INTRODUCTION

Thank you for your enquiry regarding the Private Pilots Licence (PPL). Enclosed you will find a summary of what the European Aviation Safety Agency (EASA) 45 hour Private Pilots Licence (PPL) course entails. The course summary outlines the syllabus of training, personal requirements, revalidation and training options.

Whether your goal is to fly for a major airline, for a corporation or just for fun, North Wales Flight Academy will play a vital role in the fulfilment of those ambitions.

The PPL syllabus has been developed in accordance with the newly formed European Aviation Safety Agency, the Air Operators and Pilots Association (AOPA) together with the Civil Aviation Authority who regulate flight training in the UK. The training programme is designed to take you through the various phases, at a pace which suits your available time and level of experience. The 45 hour course, which is the minimum hours required to complete a licence (it can be achieved in this time) can take as little as 3–4 weeks as intensive training or up to 24 months for individually prepared programmes.

Learning to fly probably ranks as one of the most popular lifetime achievements and like many experiences, your hunger for flying will grow beyond the PPL training. Once qualified you can hire our aircraft alone or with other members and friends, go flying across the UK, or maybe fly a friend over the peak of Snowdon.

An introductory lesson is an ideal first step for anyone interested in learning to fly, this will provide you with hands on experience of flying, and allow you to discuss in detail with an instructor the practical issues of gaining your PPL. We will then design a programme to suit your schedule. This programme will give you an indication of the amount of commitment required from you to succeed in passing the course. Whether for the thrill, the challenge, for a personal goal, leisure, business, towards a future career or even if you have a fear of flying, let our highly experienced instructors ensure you enjoy your first flight experience.

AGE RESTRICTIONS

- ✚ A student may begin training at any age, there is no upper age limit (subject to medical)
- ✚ Only flight time after the age of 14 years may count towards a license
- ✚ A student must be at least 16 years of age before the first solo flight
- ✚ A student must be at least 17 years of age before a license will be granted

MEDICAL REQUIREMENTS

A medical certificate is required for your first solo flight. The certificate has to be an EASA Class 2 or higher, this must be obtained from a certified Aviation Medical Examiner. The examination is similar to one you may be asked to undergo for life insurance purposes. Naturally eyesight is important but wearing glasses or contact lenses does not necessarily prevent you from being a pilot. The airport has a doctor that regularly visits to complete medicals. An appointment can be made with the staff at the reception.

- ✚ A student/pilot must hold a valid Class II medical certificate
- ✚ The medical certificate is renewable every 5 years up to the age of 40. Over the age of 40, it is then renewable every year.

GROUND EXAMINATIONS

As part of the PPL, students are required to take 9 ground examinations and must achieve a minimum of 75% in each of the following multi-choice exams:

- ✚ Air Law
- ✚ Operational Procedures
- ✚ Aircraft General Knowledge
- ✚ Principles of Flight
- ✚ Flight Performance & Planning
- ✚ Human Performance & Limitations
- ✚ Meteorology
- ✚ Navigation
- ✚ Radio Communication

FLIGHT EXPERIENCE

The minimum flying experience a student must complete is 45 hours total flight time comprising of at least:

- ✚ 25 Hours Dual Instruction
- ✚ 10 Hours Solo Instruction
- ✚ 5 Hours Solo Cross Country
- ✚ 5 Hours Flying either Solo or Dual

KEEPING YOUR LICENCE CURRENT / REVALIDATION

- ✚ The EASA-PPL Licence is valid for life
- ✚ Flying Revalidation occurs every 24 months and requires that:
 - a. A pilot must fly 12 hours in the preceding 12 months prior to revalidation
 - b. 6 hours must be pilot in command within 12 months prior to revalidation
 - c. Pilot must have flown at least 1 hour with an instructor within 12 months
 - d. Pilot must have undertaken 12 take off and landings within 12 months
- ✚ A pilot may opt to undertake a skills test with an examiner instead of A,B,C,D
- ✚ To carry passengers you must have completed, as sole manipulator of the controls, at least 3 take off and landings in the previous 90 days.

EQUIPMENT FOR THE COURSE

All of the equipment required for the course and your private flying is available at the pilot shop at the airport.



TRAINING AIRCRAFT

PIPER PA28 Warrior

160 HP Single Engine

- ✚ 4 Seat
- ✚ Low Wing
- ✚ Cruise Speed 118Kts (135 mph)
- ✚ Endurance 5 Hours
- ✚ Fuel Burn: 35 Litres an Hour



PIPER PA28-180 Cherokee

180 HP Single Engine

- ✚ 4 Seat
- ✚ Low Wing
- ✚ Cruise Speed 129Kts (135 mph)
- ✚ Endurance 5 Hours
- ✚ Fuel Burn: 40 Litres an Hour



GROUND SCHOOL

You will need to acquire some reading and self study material, all of which is available at North Wales Flight Academy. This should include reference books, maps and navigational planning equipment at different stages of your training. Your instructor will discuss your needs with you. All of the equipment is available at our Pilot Shop. We also have the facilities for one to one ground school or you can book in for one of the regular ground school courses.

The regular ground school courses are held at the airport in the evenings, weekends or when the weather isn't suitable for flying. It is an intense learning session that includes an exam at the end of the programme. It's a great way to meet new people and learn with others.

The main subjects are as follows:

- ✚ Airlaw
- ✚ Operational Procedures
- ✚ Human Performance & Limitations
- ✚ Meteorology
- ✚ Navigation
- ✚ Flight Performance & Planning
- ✚ Aircraft General
- ✚ Principles of Flight
- ✚ Radio Telephone / Communications

All of the examinations are required to be passed within six sittings, on completion of the first successful pass; all further exams must be passed within 18 months. All of the exams will then remain valid for a further two years to allow for license issue. If a license is not issued within this two year period all of the exams will then be deemed to have time expired, and must be retaken.

It is important to note that a student is not allowed to undertake a PPL skills test with an examiner until they have attained a successful pass in all of the written exam papers.

WHAT YOU CAN DO AFTER THE PPL COURSE

Once you have consolidated your first 25 hours you may wish to extend your experience taking additional courses or continue to become a professional pilot.

THE NIGHT QUALIFICATION

- ✚ Allows you to fly at night
- ✚ 5 Hours Additional Training
- ✚ No Exam or Skills Test



INSTRUMENT METEOROLOGICAL CONDITION RATING (IMC)

- ✚ Allows you to fly in or above cloud and Takeoff/land in reduced weather conditions
- ✚ 15 Hours Additional Training
- ✚ 20 Hours Additional Ground school
- ✚ One Ground Exam & One Skills Test

Multi Engine Rating

- ✚ Allows you to fly twin engine aircraft (6 Seats - 200 mph)
- ✚ 6 Hours Additional Training
- ✚ 10 Hours Additional Ground school
- ✚ One Ground Exam & One Skills Test



Membership at the airport entitles you to your free landing fees at the airport, a discount of £5 off per hour when hiring the aircraft during weekdays (not including Weekends, Bank Holidays, Training or Check Out Flights)

Private Hire Membership	£105
Student Membership	£130
Day Membership	£10

WHAT TO DO NEXT

Come down to see us or make an appointment to meet up with one of our friendly instructors who is more than happy to discuss the course and answer any questions you may have, or make a booking for a trial flying lesson, but be warned you might catch the flying bug like the rest of us did!!!

We will be happy to provide you with a detailed pricing for the course to ensure you remain within your budget and rest assured we will keep you updated with cost and progress throughout the course.

We pride ourselves for being a friendly professional flying club who regularly have member fly away days to various airfields around the country, so if you want to share the thrill of being in the air give us a call on **01286 830800** or drop us an email at Info@flynwfa.co.uk