



Pilot Preparation Pack

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Thank you very much for your interest in obtaining your professional pilot licence with Falcon Flight Training Academy. The Falcon flag has been flying since 1977 and takes great pride in welcoming you to what is essentially your world, you just didn't know it!

Flying as a profession is one of the most exciting careers you can choose – as they say, the “view from the office” is unbeatable. With the on-going growth of the industry and growth in middle and far east, there are many opportunities for pilots. Our continued growth is owed to our countless members who join us every day, it is our pleasure to fly with you.

Falcon Flight Training Academy is the “Professional Licence” arm of EFG Flying School, the oldest flying school in Biggin Hill, successfully training aspiring pilots since 1947. We are part of the Falcon Flying Group, which also operates maintenance facilities at Biggin Hill, and can give you the experience and stability of a long-standing successful aviation business. Our instructors include several experienced pilots with more than 10,000 hours, and we also have examiners who can conduct flight tests locally at your convenience. Additionally all our prices are fully inclusive of VAT and have no hidden extras. Our packages (exc hour building) include base landing / circuit fees where appropriate so you know what you are paying for at all times. Here at Falcon we aim to give you the most honest upfront service so you can enjoy flying further and more often!

Biggin Hill is an airport with an 1800m long tarmac runway, full night and instrument flight facilities, and with full air traffic control. It is not affected by waterlogged grass runways, and you will learn how to operate in a “commercial” environment from day one. Being close to London (as little as 40 mins), it is also within easy reach of public transport through Bromley, Hayes (Kent), Croydon and Orpington.

Choosing to become a career pilot is a life changing decision, and how better to experience this life change than to train in different country! For PPL, hour building, the commercial pilot licence, Multi engine and soon Instrument Rating we can offer you the option to train at our partner facilities abroad. With lower fuel and aircraft cost and more reliable weather, this can reduce the total cost of obtaining your licence as well as expose you to flying in a different country.



Our path to commercial licenses is a modular course, following the European EASA regulations. This course has the advantage of giving you new licences and privileges at each step, so you can use your licences for private flying, taking friends and family while you continue to train. It also reduces the up-front cost and gives you the flexibility to adjust the training to your needs.

Private Pilot Licence (PPL)

45 flying hour course, self-study theory, 9 theory exams, flight test

Hour Building

Approx. 100-125 hours

ATPL Theory Course

Distance Learning

14 subjects

14 exams

25 week full-time course

Night Rating

5 flying hour course, no test

Commercial Pilot Licence (CPL)

25 flying hour course, flight test

Multi-Engine Piston Rating (MEP)

6 hour course, 1 theory exam, flight test

Instrument Rating

45 hour course, 30 of which can be in simulator; flight test

Multi-Crew Co-operation + Type Rating

Normally undertaken with a specific airline job prospect

Co-Pilot in a multi-crew aircraft (e.g., Airliner)

If undertaken full time, the overall course up to and including the Instrument Rating can be completed in as little as 12-18 months, and part-time we can adjust pace and duration to your needs, for example if you want to maintain your current job to fund training for your new career.

The flying hours quoted are the minimum hours required by the Civil Aviation Authority, and our course prices on the following pages are based on this minimum. Additional hours are chargeable at a competitive rate. Please take into account that conducting your licences on a part-time basis may take longer to complete and you may not complete them in the minimum recommended hours

Licence Privileges

Initially the Private Pilot Licence qualifies you to fly single engine piston aircraft, with or without passengers, to destinations all over Europe and, in good (“visual”) weather conditions. However you can add more ratings allowing you to fly different types / more complex aircraft.

Once you have gained your licence, our aircraft are available to you to rent for private flights or for your hour building in preparation for more advanced licences

Flight Training Syllabus (45 hours)

- ❑ Initial training: You will learn how to prepare the aircraft for flight, manoeuvre it on the ground and in the air, and how to take off and land at Biggin Hill airport.
- ❑ First Solo: Typically, less than 15 hours, you may be eligible to fly your first solo take-off and landing, with the instructor observing you from the ground.
- ❑ Navigation: You will then move on to cross-country flying, landing away at airfields where you can experience short and grass field operations.
- ❑ Qualifying Solo Cross Country: You will fly to two other airfields, covering a distance of at least 150 Nautical Miles
- ❑ The course finishes with consolidation and a flight test with a CAA approved examiner.

Theory Syllabus

- ❑ Theory is largely self-study in 9 subjects: Air Law, Operational Procedures, Aircraft General, Navigation, Radiotelephony (RT), Meteorology Human Factors, Principles of Flight and Flight Performance & Planning
- ❑ We conduct the multiple choice examinations in our school at the appropriate stage in training, for example Air Law has to be passed before your first solo.
- ❑ Our instructors are also available to help you in your studies if necessary

Pre-Entry Requirements

- ❑ Minimum 14 years old to start training, 17 years old for licence issue
- ❑ Gain Medical prior to first solo (from 16 years of age).

Course duration and cost

- ❑ 45 Hours, at least 10 of which solo; plus flight test
- ❑ Approx 6-8 weeks full-time (weather & location dependent), if training on weekends only approx. 6-18 months
- ❑ For costs see our current pricing sheet

Hour Building

Purpose of hour building

The more advanced licences require a certain amount of flying experience before the course can be started and before the licence can be issued. As long as you meet the specific requirements you can build these hours in any way you want, including trips with friends or family. Not forgetting taking huge advantage of our satellite site with clear skies and cheaper prices!

- ❑ 150 Hours total time is required before the CPL course can start. Of which:
 - ❑ Minimum 100 hours must be Pilot In Command
 - ❑ 50 hours can be dual –Additional hours you may have flown as a student training for your PPL can be credited, but you will need to complete prior to licence issue
 - ❑ A cross-country flight totalling at least 300 nautical miles landing at two away airfields – this can be completed after the course but the licence will not be issued until such time as this flight has been conducted.

Pre-Entry Requirements

- ❑ Valid PPL and Class 1 or 2 medical

Course duration and cost

- ❑ We recommend to fly regularly while studying ATPL theory, over the course of approx. 6 months
- ❑ For costs see our current pricing sheet

Night Qualification

Rating Privileges

The PPL initially is limited to flying during daylight, which means from 30 minutes before sunrise to 30 minutes after sunset. The Night Qualification allows you to fly at night, which increases the utility of flying during the winter months. It also is required to start the CPL course.

Flight & Theoretical Syllabus: Minimum 5 hours Flight Time (Min 1 hr solo)

- ❑ Basic night flying, Night Navigation, Night Circuits . There is no formal flight test – your instructor will recommend to the Head of Training for your application to be sent to the CAA when he finds you competent to fly at night
- ❑ You will be briefed on night operations on the ground by your instructor, covering night flying rules, lighting, weather and on navigation at night. There is no formal flight test.

Pre-Entry Requirements

- ❑ Valid PPL / Medical
- ❑ We recommend to undertake this course after gaining some experience in cross-country flying, including using radio aids to navigate, to ensure it can be completed in as few hours as possible.

Course hours and cost

- ❑ 2-3 evenings. Best undertaken in the months from October through March.
- ❑ For costs see our current pricing sheet



ATPL Theoretical Knowledge with PROPILOT

Current (CAA audited) pass rate is 98.3%
Current (CAA audited) average exam mark is 91.0%

Falcon and Pro Pilot are working together to provide you with the best Theoretical Knowledge training available, a thorough grounding in applied aviation knowledge and the professional skills airlines are looking for.

Once you have gained your PPL you can combine hour building with studying for the ATPL (A) via ProPilot's proven distance learning package. With excellent results and the flexibility to fit this around your personal schedule (be it work or otherwise), you really have the tools to become the best pilot possible. With a combination of self study and direct tuition at the ProPilot base in Coventry all you need is here to fulfil your goals to become an Airline Transport Pilot.

Licence Privileges

The EASA ATPL Theoretical Knowledge Course provides training to a level of theoretical knowledge required for the Air Transport Pilot's Licence for Aeroplanes (ATPL (A)) and prepares the candidate for the EASA ATPL Theoretical Knowledge Examinations.

Pre-Entry Requirements

A Private Pilots Licence issued in accordance with ICAO Annex 1A. Sound knowledge of basic mathematics and physics. Be competent in the use of the English language.

Syllabus

The course provided by Pro-Pilot Training includes 14 exams which cover the following modules:

- Mod 1 – Principles of Flight, Meteorology, Mass and Balance, Communications VFR & IFR, Human Performance and Limitations
- Mod 2 – Air Law, General Navigation, Radio Navigation, Flight Planning, Performance
- Mod 3 – Aircraft General Knowledge, Operational Procedures, Flight Instruments

Course Duration and Cost

The ATPL is a structured distance learning course. It is most commonly conducted during the time in which pilots complete hour building over an on average 6 month period. The course study and school test and exams must be completed within 18 months. For costs see current price list.

Licence Privileges

The Commercial Pilot Licence allows you to fly for “hire and reward”, except as pilot in command in an aircraft requiring two pilots (e.g., an airliner), and as such is the professional licence every pilot holds. It covers the same aspects of visual flying as the PPL, but to a higher standard and in a more advanced, “complex” single engine aircraft with retractable undercarriage and a variable pitch propeller

Flight Training Syllabus (25 hours)

- Initial training: General handling and navigation to CPL standard
- Basic Instrument Flying: Flying with sole reference to instruments
- “Complex” Aircraft Familiarization: Conversion training, general handling, navigation and instrument flight in an aircraft with retractable undercarriage and a variable pitch propeller
- The course finishes with consolidation and a flight test with a CAA Staff examiner.

Theory Syllabus

- Theory is covered as part of the ATPL Theory Course. All subjects have to be passed before training can commence.
- The CPL has to be obtained within 36 months from passing all theory examinations

Pre-Entry Requirements

- Current PPL with Night Rating / Night Qualification and Class I Medical – if not help then special arrangements will be made
- 150 hours total flying time (200 required for licence issue, including hours on CPL course) – for details see the “hour building” section
- 100 of the above hours have to be solo or as pilot in command
- Class 1 Medical
- Licence issue from 18 years of age
- Pre-acceptance flight test is prerequisite.

Course duration and cost

- Approx 4-6 weeks full-time, depending on weather
- 25 Hours minimum; plus flight test
- For costs see our current pricing sheet

Multi Engine Piston Class Rating

Rating Privileges

The basic PPL and CPL licences include privileges for aircraft with one engine only. The Multi Engine Piston class rating extends these to aircraft with two or more (piston) engines.

Flight Training Syllabus (6hours)

- Initial training: Familiarisation and general handling
- Asymmetric flight: Flying with one engine inoperative
- The course finishes with a flight test with a CAA approved examiner.

Theory Syllabus

- 7 hours theory instruction by your instructor
- One multiple choice written exam

Pre-Entry Requirements

- Valid CPL
- or valid PPL and 70 hours flight solo or as pilot in command (if you wish to train for this rating before gaining your CPL)

Course duration and cost

- Approx 1 week (depending on weather)
- 6 hours, plus flight test
- For costs see our current pricing sheet



Rating Privileges

The Instrument Rating Course provides the training required for a candidate to obtain the Instrument Rating in a single or multi-engine aeroplane. The qualified pilot may fly an aircraft under Instrument Flight Rules (IFR) in controlled airspace.

Flight Training Syllabus (55hours)

The complete Instrument Rating course comprises 55 hours instructional flight time by sole reference to instruments of which up to 40 hours may be in a single-engine piston aeroplane approved under UK CAA Doc 7 arrangements (approved aeroplane).

FFTA Modular Single Engine / Multi Engine Course

Phase 1	10 hrs basic instrument instruction in an approved SE or ME a/c
Phase 2	10 hrs intermediate instrument instruction in an approved SE or ME a/c
Phase 3	20 hrs advanced instrument instruction in an approved SE or ME a/c
Phase 4	15 hrs instruction in an approved ME a/c

Pre-Entry Requirements

1. Have completed 50 hours cross country flight time as PIC
2. Hold or have completed training for the appropriate MEP Aeroplane or SEP Class rating appropriate to the training to be carried out.
3. Have passed the appropriate Theoretical Knowledge Examination (IR or ATPL) within the timescale defined and completed the English language proficiency assessment. Applicants hold hold a JAA or EASA licence for this rating



Rating Privileges

The grant of an EASA Flight Instructor Certificate will allow the candidate to conduct flight instruction for the issue, revalidation or renewal of an EASA PPL, BPL, SPL, LAPL in the appropriate aircraft category.

Flight Training Syllabus (30 hours)

- 30 hours of flight instruction covering the PPL(A) syllabus

Theory

125 Hours of theoretical knowledge instruction to include:

- 40 hours tuition
- 78 hours teaching practise
- 7 hours progress tests

Pre-Entry Requirements

- Have completed at least 10 hours of instrument flight instruction on the appropriate aircraft category, of which not more than 5 hours may be instrument ground time in an FSTD simulator
- Pre Acceptance Flight Test (free if passed) as per based upon the proficiency check within the 6 months preceding the course.
- Hold a valid CPL(A) **OR**
- Have a PPL(A) and have completed least 200 hours flight time on aeroplanes or TMG, with 150 hours PIC
- Have completed at least 30 hours on SEP aircraft, 5 hours of which must be completed during the 6 months preceding the required pre-acceptance flight test.
- Have completed a VFR cross-country flight as PIC, including a flight of at least 300 nautical miles in the course of which 2 full stop landings at 2 different aerodromes shall be made.

Course duration and cost

- The duration of the course will normally be 5-6 weeks. On completion of the course a ground and flight test will be carried out by a Flight Instructor Examiner.
- For costs see our current pricing sheet
- Other Courses include Night Rating Instructor Course, Class Rating Instructor Course, Instrument Rating Instructor Course.

PPL

Cessna 152	£7500 or 4 instalments of £2100
Piper Warrior PA28	£9500 or 4 instalments of £2350

Night Qualification

Cessna 152	£1200
Piper Warrior PA28	£1500

IMC

Piper Warrior PA28	£2500
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MEPL

Piper Seneca	£2950
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CPL

10 hrs PA28 / 15 hrs PA28R	£7500
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IR

£14,000 (PPL Holder)
£13,000 (CPL Holder)

ATPL

£POA

FIC Course

Cessna 152	£7999
Piper Warrior PA28	£8999

Night Rating Instructor

Enquire in School

Class Rating Instructor

Piper Seneca	£3500
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Instrument Rating Instructor

Cessna 152	£2000
Piper Warrior PA28	£2200

All prices are valid at time of print September 2013,

but may be subject to change without notice. All Prices fully inclusive of VAT but additional hours over the minimum plus additional landing fees, test fees and fuel surcharges may be payable. No approach fees included with IR.

