

HELICOPTER TRAINING
AT
"THE REDHILL HELICOPTER CENTRE"

INFORMATION PACK



THE REDHILL HELICOPTER CENTRE

Hangar One, Redhill Aerodrome

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Chief Pilot	Martin Burley
Chief Flight Instructor	Ken Faria
Instructors	Chris Wray
	Giles Dumper
	Bill Pitcher
Operations	Nick Rehbein

- Our training helicopters are the reliable and well-tested Robinson R22 & R44, Bell 206 Jetranger and Colibri EC120. All aircraft are dual controlled and dependant on the model can comfortably accommodate up to five people.
- The Redhill Helicopter Centre is a JAA approved Training School and has been training pilots for nine years and is very proud of its success rate. Once you have achieved your license the aircraft is available for self-fly hire.
- Most of your flying training will be at Redhill Aerodrome and around the Redhill local area. However, there are opportunities to visit other areas and airfields, especially during the navigational phase of your course. One particular favourite is the cross channel trip to Le Touquet for lunch.
- The choice of whether the course is conducted on a full or part-time basis is yours. A part-time course could, due to the lack of continuity, result in you needing more flying hours before your flight test. If you choose a full-time course then, weather permitting, this could be completed in approximately three to four weeks. We find that a mixture of the two, involving an intensive week or two within a part-time course, often works well.
- We offer training and type rating conversions on the Robinson R22, R44, Bell 206 Jetranger, Colibri EC120 and Gazelle. **We are a CAA approved Flight Training Organisation (FTO).**

THE REDHILL HELICOPTER CENTRE

REQUIREMENTS FOR THE PRIVATE PILOT'S LICENCE (HELICOPTERS)

- A minimum of **45 hours** of flying training must be completed. For holders of a PPL(A) this is reduced to a minimum of 36 hours. Most students will complete their training in approximately 45-55 hours.
- **At least 10 hours must be flown solo** and 5 hours instrument flying.
- Before flying solo, you must possess a Civil Aviation Authority (CAA) **Class 2 medical certificate**. The necessary examination can be carried out at the CAA near Gatwick Airport or, if this is not convenient for you, we can provide a list of other authorised medical examiners.
- There are seven written ground examinations with multiple choice answers, and one radio practical exam. These can be passed easily with **self-study** and assistance from the flying instructor. **The subjects are Aviation Law, Navigation, Meteorology, Human Performance, Radio-Telephony, Helicopter Technical and Flight Performance & Planning.**
- You must pass Aviation Law before flying solo and Navigation and Meteorology before the qualifying solo cross-country flight. We therefore recommend you study for the ground exams in conjunction with your flying training. **Extra** ground school on any subject is available from our instructors; this must be booked and paid for in addition to your PPL course. Please ask for more details.
- On completion of your flying training, there will be a Skills Test with a CAA Qualified Examiner. This Skills Test includes general handling, navigation and an oral examination on the technical aspects of the helicopter flown.
- **Once you have achieved your license you will need to fly just two hours per type, which includes a brief test, per year in order stay current.** As a club we have our own requirements for keeping your flying current, you are required to fly at least every 30 days, or you will need a short check flight with an instructor. This is done for safety and insurance reasons. (Imagine only driving your car once every two months!)

THE REDHILL HELICOPTER CENTRE

PPL(H) PAYMENT SCHEME

- We have several convenient ways for you to pay for your PPL(H) course. Our payment scheme works by placing money on your account in advance. We have a price banding system A & B as below:
- **A Band** is retail pay as you fly.
- **B Band** is a £ 10.00 per hr discount to be eligible for this you must place £3000.00 on your account.
- Below are the approximate costs of obtaining your license on the Robinson R22 based on two different methods of payment. Full details are set out on our rate sheets.

The cost of the Minimum 45 hours required is:

"A" Band method, pay as you fly £ 11,025

"B" Band payment method £ 10,575

- The above costs include instructor, pre and post flight briefings. They do not include landing or airfield detail fees at Redhill Aerodrome, extra flying hours (if required), extra ground school (if required), books, maps, your Skills Test and ground exams, or your CAA licence fees or VAT.
- All of the necessary books, maps and equipment can be purchased from The Redhill Helicopter Centre that are required for the ground school and navigation exercises.
- Please note: Pre-paid flying hours are non-refundable.

THE REDHILL HELICOPTER CENTRE

SYLLABUS FOR THE PPL(H)

EXERCISES

1. Familiarisation with aircraft
2. Preparation before and after flight
3. Air experience
4. Effects of controls
5. Power and attitude changes
6. Level flight, climbing, descending and turning
7. Autorotations
8. Hovering and hover taxiing
9. Take-off and landing
10. Transitions and hover taxiing
11. Circuits and emergencies. Demo engine-off landing
12. First solo
13. Sideways and backward flight
14. Spot turns
15. Vortex ring
16. Engine-off landings
17. Advanced autorotations
18. Forced landings
19. Steep turns
20. Precision transitions
21. Quickstops
22. Pilot navigation
23. Advanced take-off and landing
24. Sloping ground
25. Limited power
26. Restricted Areas
27. Instrument Flying

THE REDHILL HELICOPTER CENTRE

RATE SHEET

TRAINING

The following rates apply to training for the PPL(H) on the Robinson R22 and Robinson R44 helicopters. They are inclusive of instructor and pre and post flight briefings.

Introductory course (3 hours) Robinson R22 £675.00 (Inc. Landing & Circuit Fees)

Introductory course (3 hours) Robinson R44 £1170.00 (Inc. Landing & Circuit Fees)

Standard rate, pay as you fly (cost per hour) **R22** £245.00

Standard rate, pay as you fly (cost per hour) **R44** £410.00

We operate a price banding scheme as follows:

A Band = Standard rate.

B Band = £10.00 per hour Discount. If you put in £3000.00 on account

The discount applies to any of our helicopter flights, Dual or Self Fly Hire

SELF FLY HIRE

Robinson R22 (cost per hour) from £190.00

Robinson R44 (cost per hour) from £ 340.00

Circuit Fees £ 11.00, Landing Fees £ 23.00

Flight Tests £150.00, Ground Examinations £ 40.00

All prices are exclusive of landing, circuit fees and VAT and are based on Datcon readings (rotors turning).



THE REDHILL HELICOPTER CENTRE

EARNING YOUR WINGS

PLAN OF ACTION

- Your first step is to contact us and arrange a meeting. We will then be able to answer your questions and offer advice on the best method of achieving a license specifically tailored to your situation.
- We then recommend a trial lesson of 25 or 45 minutes. During this time, which will count towards your license, you will be able to experience the thrill of taking control of a helicopter.
- Alternatively you may wish to take advantage of our special 3 hour Introductory Course. Conducted over two or three individual sessions, this will enable you to complete the first few exercises of the PPL(H) syllabus and get you off to a flying start (pun intended)!
- Thereafter, we will develop an individual program for the completion of your PPL(H) training.



**SHOULD YOU HAVE ANY FURTHER QUERIES, PLEASE
DO NOT HESITATE TO CALL US**

01737 823282