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# Authorised Training Organisation and Type Rating Training Organisation



**HELICOPTERS**  
*Information Pack*



**EASA**

European Aviation Safety Agency  
ATO: GBR.ATO.0242  
Type Rating Approved - Ref: UK/TRTO-114

Air Operators Certificate  
- AOC no: GB2163





# EBG Helicopters

## TRAINING FACILITY STAFF

<b>Chief Pilot:</b>	<b>Martin Burley</b>
<b>Chief Flying Instructor:</b>	<b>Tim Piper</b>
<b>Instructors:</b>	<b>Ken Faria Dave Buck  Bob Gorman Anne Marie Goodwill</b>
<b>Examiners:</b>	<b>Tim Piper Ian Lunt</b>
<b>Operations:</b>	<b>Nicolas Rehbein Linda Rehbein Omi Faria</b>

-  Our training helicopters are the reliable and well-tested Robinson R22, R44 and Cabri G2 . All aircraft are dual controlled.
-  EBG Helicopters is a CAA and EASA approved and Registered Training Facility and Type Rating Training Organisation and has been training pilots for over fourteen years and is very proud of its success rate. Once you have achieved your licence our helicopters are available for 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 in France 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 four to six weeks. We find that a mixture of the two, involving an intensive week or two within a part-time course, often works well.
-  As well as our primary training machines above we offer type rating conversions on the Bell 206, Jetranger, Eurocopter EC120 and EC130, Gazelle and AS350 Squirrel.
-  We are approved by the CAA Authorised Training Organisation – GBR.ATO.0242 Type Rating Approval – Ref UK/TRTO-114



# EBG Helicopters

## REQUIREMENTS FOR THE EASA 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 39 hours. Most students complete their training in approximately 45-55 hours.
-  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 nine 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 Air Law, Operational Procedures, Navigation, Meteorology, Human Performance & Limitations, Communications, Flight Performance & Planning, Aircraft General Knowledge and Principles of Flight.
-  You must pass Aviation Law before flying solo and Navigation and 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 licence you will need to fly just two hours per type per year, 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 28 days, or you will need a short check flight with an instructor. This is for safety and insurance reasons. (Imagine only driving your car once every two months!)



# EBG Helicopters

## **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**

Standard rate pay as you fly

### **B Band**

£20.00 per hr discount

to be eligible for this you must place £3000.00 on your account.

Below are the approximate costs of obtaining your licence 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 £ 14,625**

**"B" Band payment method £ 13,725**

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. Budget for between £20,000 - £21,000 including VAT to cover everything.

All of the necessary books, maps and equipment that are required for the ground school and navigation exercises can be purchased from the EBG Helicopters Training Facility.

Please note: Pre-paid flying hours are non-refundable.



# EBG Helicopters

## SYLLABUS FOR THE PPL(H)

### EXERCISES

<b>Exercise 1a:</b>	Familiarisation with the helicopter
<b>Exercise 1b:</b>	Emergency procedures
<b>Exercise 2:</b>	Preparation for and action after flight
<b>Exercise 3:</b>	Air experience
<b>Exercise 4:</b>	Effects of controls
<b>Exercise 5:</b>	Power and attitude changes
<b>Exercise 6:</b>	Straight and level
<b>Exercise 7:</b>	Climbing
<b>Exercise 8:</b>	Descending
<b>Exercise 9:</b>	Turning
<b>Exercise 10:</b>	Basic autorotation
<b>Exercise 11a:</b>	Hovering
<b>Exercise 11b:</b>	Hover taxiing and spot turns
<b>Exercise 11c:</b>	Hovering and taxiing emergencies
<b>Exercise 12:</b>	Take-off and landing
<b>Exercise 13:</b>	Transitions from hover to climb and approach to hover
<b>Exercise 14a:</b>	Circuit, approach and landing
<b>Exercise 14b:</b>	Steep and limited power approaches and landings
<b>Exercise 14c:</b>	Emergency procedures
<b>Exercise 15:</b>	First solo
<b>Exercise 16:</b>	Sideways and backwards hover maneuvering
<b>Exercise 17:</b>	Spot turns
<b>Exercise 18:</b>	Hover OGE and vortex ring
<b>Exercise 19:</b>	Simulated EOL
<b>Exercise 20:</b>	Advanced autorotation
<b>Exercise 21:</b>	Practice forced landings
<b>Exercise 22:</b>	Steep turns
<b>Exercise 23:</b>	Transitions
<b>Exercise 24:</b>	Quick stops
<b>Exercise 25a:</b>	Navigation
<b>Exercise 25b:</b>	Navigation problems at low heights and in reduced visibility
<b>Exercise 25c:</b>	Radio navigation
<b>Exercise 26:</b>	Advanced take-off, landings and transitions
<b>Exercise 27:</b>	Sloping ground
<b>Exercise 28:</b>	Limited power
<b>Exercise 29:</b>	Confined areas
<b>Exercise 30:</b>	Basic instrument flight

### HOURLY RATES

### TRAINING

The following rates apply to training for the PPL(H) on the Robinson R22, Robinson R44 & G2 helicopters. They are inclusive of instructor and pre and post flight briefings.





# EBG Helicopters

## 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 licence specifically tailored to your situation.
- ✈ We then recommend a trial lesson of 30 minutes to an hour. During this time, which will count towards your licence, 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 queries, please don't hesitate to contact us!**  
**01737 823 282**