



JAR Private Pilot Licence (Aeroplane) Training Course

The JAR (Joint Airworthiness Regulations) Private Pilot Licence (PPL(A)) is a private licence which enables you to fly as pilot in command or co pilot for recreational purposes but not for remuneration. This summary is intended to offer informal guidance about the PPL(A), and a brief introduction to London Helicopter Centres. Once you have read this please contact about any further question that you may have, or alternatively take the opportunity to come and visit our facilities and meet our instructors.

London Helicopter Centres originally started as an aviation engineering company in 1991. Following our success in becoming the first JAR 145 approved company in 1992, we started flight training in 1994 and were one of the first companies to be approved for JAR training in 2000. We are a Flight Training Organisation (FTO) and Type Rating Training Organisation (TRTO), offering commercial flight training, flight instructor training and type rating conversions on twelve types of helicopter.

We are also an approved Registered Facility (RT) for fixed wing training; we use a Robin DR4-400 180hp, a fast four-seat touring aircraft equipped with a state of the art Garmin 430 navigation aid.

How to get started

Trial Lessons

The Trial Lesson is the initial air experience flight, which will count towards the hours required to gain a PPL(A). This short sortie incorporates a thirty-minute pre flight briefing to explain the basic principles of flight. During the flight, the instructor will demonstrate the controls and will then invite you to take the controls for yourself.

Trial Lesson Voucher (valid for 12 months)

1hr £220 Inclusive of VAT

Flight Discovery Day

The Flight Discovery Day provides a thorough introduction to the initial stages of learning to fly. The day comprises of two hours flying time and all pre and post flight briefings are included. The Lesson covers the effects of the controls, straight and level flight, power and altitude changes, and an introduction to climbing, descending and turning; once again this time can be logged towards a PPL(A).

Flight Discovery Day Voucher (valid for 12 months)

£420 Inclusive of VAT

The PPL(A) Course

Course requirements

The particular course requirements must be met in full and include:

- The applicant for a PPL(A) shall be at least 17 years of age
- Hold a valid class One or Two medical
- Pass the required theoretical examinations

The flight instruction shall comprise of at least 45hrs of flight training of which:

- 35hrs must be dual instruction on aeroplanes
- 10hrs of supervised solo, of which 5hrs must be solo cross country time including one cross- country flight of at least 150nms to two new airports.
- Basic Instrument appreciation



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The PPL(A) course consists of 19 training exercises, which are split into three categories: general handling, navigation and instrument flying. For a full list of exercises covered, please refer to appendix 1.

The courses are conducted at our Redhill base in Surrey and tuition is undertaken on the Robin DR400; combined with our highly experienced instructors and the superb training facilities at Redhill Aerodrome we are particularly well suited to providing pilot training in the minimum time whilst delivering value for money.

PPL(A) ground school

All applicants are required to pass the written theoretical examinations in the following subjects:

1. Aviation Law and Operational Procedures
2. Human Performance and Limitations
3. Navigation and Radio Aids
4. Meteorology
5. Aircraft (general) and Principles of Flight
6. Flight Performance and Planning
7. Radio Communications written and Oral

The preparation for these exams is through self-study of recommended books see appendix 2 and through the pre-flight training briefings; further ground school tuition is available on request from your instructor. Ground exams fees are £40 per exam.

Medical requirements

Prior to beginning the JAR PPL(A) course you must hold a valid JAR Class 1 or 2 medical certificate. The type of medical you choose depends on your reasons for completing the PPL(A).

The JAR Class 2 medical is for a private flying licence and can be conducted by any UK CAA approved Authorised Medical Examiner (AME) which can be found on the CAA website (see appendix 3).

The JAR Class 1 medical examination is for a professional flying licence. The initial Class 1 medical must be conducted at the UK CAA Aeromedical centre at Gatwick. Subsequent medicals / re-validations which are at intervals determined by your age, are conducted by approved AMEs who are located throughout the country and can be found on the CAA website (See Appendix 3).

Additional Information

The cost of completing the training is one of the main considerations in undertaking the PPL(A) course and it is worth looking at additional costs. In essence the main cost of completing the PPL(A) will be the flight training however, other costs involved are:

- The ground school and exam fees
- Class 1 or 2 medical examination
- Ground study books & Examination charges
- Navigation charts & Navigation equipment and instruments
- CAA flight test fees & CAA licence issue fees
- Radiotelephony oral test
- Landing Fees and Airfield charges at Redhill and at other airfields, for example when you complete your cross country flight



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At London Helicopter Centres our dual instructional rate is £180 per hour plus VAT, this is inclusive of instructor and fuel charges. For the ground exams we charge £40 per paper. See appendix 4 for illustration of costs.

Dual Instruction per Hour	Cost	Dual Instruction 10hrs Pre paid	Costs
45hrs @ £180 inc VAT	£9,315.00	45hrs @ £170 inc VAT	£8,797.50

The Robin DR400

The Robin 400 series is a very popular aircraft among a large number of flying schools and private owners and is renowned for its comfort and cruising speed of 130kts. The Robin is a 4 seat aircraft and is a superb aircraft to learn to fly in as is a spacious and comfortable. Our DR-400 is equipped with a 180hp engine and a state of the art Garmin 430 GPS.

Cancellation Policy

Due to the intensive nature of our flying programme students who cancel their bookings with less than 24hrs notice will, at the discretion of the company, be charged a cancellation fee of £75 plus VAT.

Hopefully this has provided you with some of the necessary information, however if you have any further questions please do not hesitate to contact us.

Contact Email: meinard@london-helicopters.co.uk





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APPENDIX 1: TRAINING EXERCISES

Training Exercises JAA PPL(A)

1. Familiarisation with the aeroplane, emergency drills, preparation for and action after each flight – ground briefings only
2. Air experience
3. Effects of controls
4. Taxying
5. Straight and Level flight
6. Climbing
7. Descending
8. Turning
9. Slow flight and stalling
10. Spin avoidance
11. Take off and climb to downwind position
12. Circuit, approach and landing
13. First Solo
14. Advance turning
15. Forced landing without power
16. Precautionary landing
17. Navigation
18. Basic instrument appreciation

Written Examinations JAA PPL(A)

1. Air Law
2. Human Performance and Limitation

TO BOTH BE COMPLETED BEFORE FIRST SOLO

3. Meteorology
4. Navigation

TO BOTH BE COMPLETED BEFORE FIRST SOLO NAVIGATION EXERCISE

5. Flight performance and Planning
6. Aircraft technical and Principles of Flight
7. Radiotelephony theory
8. Radiotelephony practical



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APPENDIX 2: GROUND SCHOOL EQUIPMENT LIST

THE AIR PILOT'S MANUALS	
FLYING TRAINING	£21.00*
THE AEROPLANE TECHNICAL	£21.00*
AFE PPL STUDENT STUDY PACK	£195.00
THE UK AIM - AERONAUTICAL INFORMATION MANUAL	£15.95*
THE PPL COURSE – J PRATT	
AIR LAW, OPERATIONS & COMMUNICATIONS	£21.95*
NAVIGATION & METEOROLOGY	£21.95*
HUMAN FACTORS & SAFETY	£19.95*
RADIOTELEPHONY MANUAL - CAP 413	£11.00*
Q & A FOR THE PPL - STEVENS & PRATT	£19.95*
POOLEYS FLIGHT GUIDE UK 2004 (Bound or Spiral)	£24.95*
1:500,000 SOUTHERN ENGLAND & WALES	£15.00*
1:250,000 ENGLAND SOUTH	£15.00*
AFE PILOT'S LOG BOOK	£6.77 + VAT
AFE FLIGHT COMPUTER	£36.55
AFE 5" SQUARE PROTRACTOR	£4.21
AFE 16" SCALE RULER	£4.21
FOLDOVER KNEEBOARD AFE	£12.72
KNEEBOARD PAD AFE	£2.34
SET OF PENS	£4.26
ERASER	£1.02
DR400 Checklist	£8.70

* ITEMS ARE ZERO VAT RATED



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APPENDIX 3: USEFUL CONTACTS

The Civil Aviation Authority

Aviation House
Gatwick Airport South
West Sussex
RH6 0YR
Tel: 01293 567 171
Fax: 01293 573 999
Web: www.caa.co.uk

Flight Crew Licensing

CAA Safety Regulation Group
Aviation House
Gatwick Airport South
West Sussex
RH6 0YR
Tel: 01293 828 220

Medical Division

CAA Safety Regulation Group
Aviation House
Gatwick Airport South
West Sussex
RH6 0YR
Tel: 01293 573 685

Redhill Aerodrome Limited

Terminal Building
Redhill Aerodrome
Surrey
RH1 5YP
Tel: 01737 823377
Fax: 01737 823640
Web: www.redhillaerodrome.co.uk

Met Office

www.metoffice.com

Aeronautical Information Service

www.air.org.uk

Transair Pilot Shop

Shoreham Airport
Shoreham by Sea
West Sussex
BN43 5PA
Tel: 01273 466000
Fax: 01273 462246
Web: www.transair.co.uk



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APPENDIX 4: ILLUSTRATION OF CHARGES

ILLUSTRATION OF CHARGES	CHARGES
¹ Dual hourly rate (including Instructor and landing fee at Redhill)	£180
¹ Prepaid dual hourly rate (block of 10hrs)	£170
¹ Requested ground school tuition per hour	£45
¹ PPL Ground Exams	£40
² CAA JAR Class 1 medical examination	£411
² CAA JAR Class 2 medical examination	£137
¹ Radiotelephony test	£150
¹ Flight Test examination fee	£250
² CAA JAR PPL(H) Licence Fee	£146

Note: Please note that these are for illustration only, for current charges please refer to the appropriate sources as listed below.

All charges are plus VAT, unless otherwise stated.

1. London Helicopter Centres 01737 823514 / www.london-helicopters.co.uk
2. Civil Aviation Authority 01293 567171 / www.caa.co.uk