



Fly With Us | Train With Us | Dream With Us



❖ Helicopter Training Information Brochure

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Helicopter Pilot Training Centre is a professional and personalised helicopter training facility, whose aim is to do more than teach someone how to fly, but rather to develop helicopter pilots of the highest standard. The flight Academy is large enough to serve all your needs, yet small enough to value your support and continuing business.

Helicopter Pilot Training Centre will welcome you as a visitor, friend or student. Our experienced team consistently ensures that each and every student develops to the best of their potential, both in the ground classes and in the helicopter.

Safety is the most important consideration at Helicopter Pilot Training Centre, not only during training, but afterwards and always. All aircraft are meticulously maintained and thorough pre-flight and operational procedures are taught and stressed at all times to ensure safety. The training is structured so that you will become a competent & capable pilot, yet still have fun doing so. The core focus on safety is evidenced by the consistent safety meetings held by the school for the students, to ensure each and every pilot candidate is constantly striving to augment their own safety standards.

Helicopter Pilot Training Centre offers courses for both Private Pilot and Commercial Pilots Licenses, so whether you want to fly for pleasure or wish to make a career of flying helicopters, they will meet all your requirements. Ground school subjects for both PPL and CPL are done at the school by qualified and experienced instructors.

If you've always dreamed of learning to fly helicopters, take the first step by scheduling an initial training lesson as soon as you can. Your 20 minute introductory flight in a Robinson 22 Helicopter is only R1300 (incl Vat) and it consists of a detailed helicopter aerodynamic lecture, a "pre-flight" check of the helicopter and an explanation of how to fly a helicopter. After take-off, the instructor will let you take the controls and experience the magic of hovering and flying at higher speeds. For an experience of a life-time, contact our Operations Manager Megan and book your intro flight today on 041 581 0327. We will be available to meet with you, show you the aircraft and answer any questions you have, 7 days a week.

Private Pilot License (PPL H)

The Private Pilot license is designed for those who wish to fly for pleasure rather than for a career. The only limitation is you are not permitted to fly for compensation or hire.

The minimum requirements are:

- 17 years of age
- Aviation medical
- 50 Hours minimum flying time (including 15 hours of solo)
- 8 PPL Theoretical exams
- Restricted radio license

The PPL (H) course comprises of both flying and a series of ground school subjects. These are designed to offer the student the handling skills required, together with a comprehensive understanding of the helicopter, leading to the award of a SACAA PPL (H) license. The syllabus for the PPL (H) included herein indicates the exercises that will be covered both in the briefing room and in the air. Each lesson normally comprises two hours, with an equal amount of time spent flying and briefing.

The designated ground school subjects involve comprehensive lecturing by an instructor with some self-study on the part of the student. The PPL exams are online & multiple choice based.

The ground school subjects consist of: Air Law

Meteorology

Navigation

Helicopter General

Principles of flight

Radiotelephony Communications

Human Performance

Flight Planning

Although this list may at first seem daunting, once a student has started the course, the ground school forms a logical part of the PPL (H) course.

THE PRIVATE PILOT'S LICENSE AIR EXERCISE SYLLABUS

1 A	Familiarization with Helicopter	11C	Emergency Procedures
1 B	Emergency Drills	12	First Solo
2	Preparation for Flight and action after	13	Sideways and backwards hovering
3	Effects of Controls	15	Hover OGE & Vortex ring
4	Power and Attitude Changes	16	Simulated engine off Landings
6A	Straight & Level	17	Advanced Autorotation
6B	Climbing	18	Practice and Forced Landings
6C	Descending	19	Steep Turns
6D	Medium Turns	20	Precision Transitions
7	Basic Autorotation	21	Quick stops
8A	Basic Hover in Ground Effect (IGE)	21B	Tight Circuits
8B	Hover taxiing, spot turns	22A	Navigation
8C	Hovering, taxiing emergencies	22B	Navigation Problems
9	Take-off and Landing	22C	Radio Navigation
10	Transitions & ETL	23	Advanced Take-off, landings & Transitions
11A	Circuit, approach and Landing	24	Sloping Ground
11B	Steep and limited power approaches and lar	25	Limited Power
26	Confined Areas		

Commercial Pilots License (CPL H)

A Commercial Pilot license (CPL) is a qualification that permits the holder to act as a pilot of an aircraft and be paid for his/her work. The training focuses on a better understanding of aircraft systems and a higher standard of airmanship.

The minimum requirements are:

- 18 years of age
- Aviation medical (Class1 - Commercial)
- 200 hours of flying, (including the 50 hours from your PPL), including 100 hours solo.
- General radio license.
- CPL exams. (South African Civil Aviation Authority).

Other courses/ratings that HPTC offer:

- Flight Instructor Ratings
- Night Ratings
- Instrument Ratings
- Type Ratings
- Turbine Conversions
- Helicopter Ground School and Cull Ratings
- Advanced Autorotation's

FAQ's

WHAT QUALIFICATIONS ARE REQUIRED TO TRAIN AS A HELICOPTER PILOT?

No formal qualifications are required to train as a helicopter pilot, and contrary to popular belief, NO previous flying experience is required before learning to fly helicopters. Due to the responsibility involved in flying, there are minimum age requirements, being 17 years for the Private Pilot's license and 18 years for the Commercial Pilots license. You have to pass an aviation medical exam which requires only a reasonable level of fitness.

WHAT AIRCRAFT WILL I TRAIN IN?

Helicopter Pilot Training Centre does most ab-initio instruction in the Robinson R22 Helicopter. This aircraft is a two seater and is the favoured aircraft worldwide for training as it offers a solid foundation for the private pilot through to the commercial pilot. A conversion to the R44 can be done towards the end of the license to minimise costs, yet still provide the candidate with a PPL and both a R22 and R44 ratings.

WILL I BE ABLE TO HIRE THE AIRCRAFT THAT I TRAIN IN?

This is a very important question and the answer at Helicopter Pilot Training Centre is a definite yes. If you have trained with us, then our aircraft are available for Hire & Fly at reduced rates.

ARE THERE ANY WEIGHT LIMITATIONS ON THE ROBINSON R22?

The RH22 training helicopter has a weight limitation of 109 kilograms per seat according to the helicopter's flight manual. As safety is our first priority at the school, our limitation is 104 kilograms per seat. On hot days, even though we are at sea level in Port Elizabeth, performance of the helicopter will be reduced and this will result in less power to your availability. If you weigh more than the school's required 104 kg's, we recommend you to either reduce your weight or train in the Robinson 44, four seater helicopter which will in turn result in an increased quote. The weight limitation per seat for this helicopter is 136 kilograms.

HOW OFTEN SHOULD ONE FLY DURING TRAINING?

This is entirely up to you, although you may want to discuss this with your assigned flight instructor. Normally finances and work schedules determine the amount of flying that one can do. A full time PPL can be done in as little as 6-8 weeks. Generally the more frequently you fly the more consistent your progress will be, but you should enjoy your training rather than concentrate only on the end goal of attaining your PPL or CPL.

Please bear in mind that the 50 hours and 200 hours required respectively are minimum requirements and actual hours flown depend on individual abilities and progress.

WHAT KIND OF JOBS CAN I GET AFTER I COMPLETE THE CPL?

Helicopters do things no other aircraft or vehicle can even think of doing. Jobs for pilots include: Helicopter training, Law Enforcement (Police), Fire Fighting, News Gathering, Vehicle Tracking Operations, Traffic Reporting, Heavy-Lift Work, Crop Spraying, Offshore Oil Rig Transport, Search-and-Rescue, Air-Ambulance, Charter, Sightseeing, Aerial photography & Filming, and Business Transportation.

Helicopter Pilot Training Centre is a very professional school and the 'one on one' teaching is what makes the difference. We take personal interest in you.