



EAGLE SCHOOL OF MICROLIGHTING
Stephen Ruffels - Chief Flying Instructor
Lisa Ruffels – Chief Flying Instructor

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Come and try Powered Hang Gliding otherwise known as Triking and Microlighting, Australia's newest and fastest growing form of powered sport aviation. Triking offers possibly one of the least expensive forms of flying. Capable of carrying 2 people and 70litres of fuel, a Trike can stay aloft for 6 hours or more cruising at a speed of 50 knots making journeys of 600 kms or more possible.

Fully Certified by the Civil Aviation Safety Authority under CAO 95.32, a qualified pilot can fly from aerodromes that are not in control zones, giving you the freedom to just about fly anywhere in Australia. Trikes are one of the safest aircraft flying and as the name says, 'Powered Hang Gliders' are designed to be as manoeuvrable as a hang glider with the engine switched off. This means that gliding into small paddocks if necessary is easily achievable. Their design also makes them easy to control, very stable and a difficult aircraft to stall, which is illustrated by an impeccable safety record.

Powered by a Rotax 80hp water-cooled 4 stroke engine the Trike can climb at 1000'/min (2up).

Transporting is no problem as the Trike wing folds up like a hang glider in about 30mins and can easily be carried on top of a car with the Trike base being towed on a small trailer.

Learning to fly a Trike is extremely easy, it takes approx 10 to 15 hours to go "solo", and about 20 hours to get your Pilots Certificate.

The **Eagle School of Microlighting** was started in 1988, being Victoria's longest running microlight school & equal longest in Australia, it has established itself as one of the best, most reliable Trike schools in Australia.

Steve & Lisa Ruffels are the Chief Flying Instructors accredited by CASA and the HGFA to issue Certificates. Steve has been involved in sport aviation since 1976 and is one of the most experienced trike instructors in Australia, while Lisa is the first and only female CFI in Australia qualified to teach Microlighting. Together, they have flown extensively around Australia and want to help you to achieve your flying dreams. Eagle School is located at the base of Mt. Buffalo and operates from the Porepunkah airfield. This location is ideal for training because it is protected from the strong winds that can plague the coast plus the weather north of the divide is consistently good.

The Eagle School of Microlighting is the only school in Australia to be jointly owned and run by two-fulltime Chief Flying instructors. This means that all students not only receive top quality training, but have access to expert advice at all times. The schools mission is to ensure that new pilots will achieve his or her dream of flight in a safe and supportive environment above and beyond their licence course.

We believe that, gaining a licence is only the beginning. It is the key that opens the door to a new and exciting life for our students as pilots. Their microlight aircraft becomes the vehicle in which to achieve the ultimate freedom – personal flight .

Microlighting is a sport that attracts people who seek fun, freedom, adventure and also enjoy challenging themselves and gaining confidence through learning new skills. It is a rapidly growing sport attracting both men and women of varying ages all over the world.

Becoming a part of the Microlight flying fraternity is a great way to take part in some great trips that have been organised in the past. If you enjoy continuing to build on your skill level there are opportunities for further advancement through FAI Awards.

To top everything off the township of Bright surrounded by breathtaking scenery is one of the prime tourist locations in Victoria with abundant restaurants and excellent facilities, you're guaranteed to have a great time during you're stay.

If you've never been flying in a Microlight or you're unsure whether to pursue a licence then why not try a once off Instructional Training Flight from \$70. Once you've experienced how stable and safe these aircraft are, we know you'll become addicted like the rest of us.

“THERE ARE THOSE WHO TALK ABOUT DREAMS AND THERE ARE THOSE WHO GO OUT AND LIVE THEM”
Lisa & Steve Ruffels.

REQUIREMENTS FOR PILOT CERTIFICATE

To attain your Weightshift Microlight Pilot Certificate you must hold a valid Student Pilot membership, have undergone flight and ground training with a minimum of 20hrs (average) as a pilot in command of a weightshift microlight, of which 5hr's must be solo, have successfully passed theory and in flight examinations, and demonstrated your skill to a HGFA Chief Flying Instructor.

The Pilot Certificate Course will consist of the following:

Flight Training Syllabus -Weightshift Microlighting

<ul style="list-style-type: none"> • Straight and Level Flight • Turning (with & without power) co-ordinated turns • Climbing • Descending • Stalling (with & without power) • Take-off • Circuit Planning • Approach & Landing • Preparation for flight/ Action after flight • Emergency Procedures • Low Level Operation 	<ul style="list-style-type: none"> • Circuit, approach and landing/go around • Ground Handling • Aircraft Assembly • Effects of Controls • Steep banked turns • Adverse weather conditions • Flight Planning • Navigation • First Solo Flight • Solo consolidation 5hrs under direct Supervision • Cross Country Endorsement 5hrs
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CROSS COUNTRY ENDORSEMENT

Your basic Weightshift Microlight Pilot Certificate allows you to operate up to 25 nautical miles from your training area. A Cross Country Endorsement allows you to fly further a field and travel from place to place. It takes 5 hrs to complete, 4 hrs dual training, consisting of two 1hour planned trips and one 2hr trip to Wangaratta Aerodrome, the remaining 1 hour of flying is a solo trip organised by you. This X-C endorsement is optional but recommended and can be included as a part of your licence 20 hours training time provided that you can complete the licence prerequisites ahead of time and requires that you sit an additional exam based upon such things as navigation, meteorology, airport procedures and emergency landings.

THEORY

There are 2 ways to complete the theoretical components of your course; to attend our formal theory sessions and have us teach it to you or for you to teach it to yourself via supplementary texts which are listed in the front of the workbook. If you do want to have a go at completing questions in your own time, you will need to purchase additional reference material, which will become a part of your own library of information. Recommended texts will cost \$130.

A fee of \$30/hr applies to time spent looking over and correcting answers.

Most students will opt for a combination of self-study as well as attending our theory sessions, which can help in comprehending the more difficult topics as well as filling in parts of the workbook not covered in the texts.

The content of these theory lessons is dictated by the HGFA approved syllabus (workbook) and follows an ongoing natural progression directly related to the practical air exercises undertaken at the time. The importance of the interrelationship between the practical and theoretical components of flying will be emphasised throughout the different phases of your training. As such, **it is vital that you keep up to date with each section as you progress**. Your workbook becomes the study reference for exam revision and will be an important reference guide for you after you complete your training. You will need to purchase the primary reference (**The Microlight Pilots Handbook 7thed. at the cost of \$70 posted to you**).

Theoretical aspects covered in workbook

<ul style="list-style-type: none"> • Basic Aeronautical Knowledge • Aerodynamics • Emergencies • Meteorology • Flight rules & rules of the air • Flight Skills for student pilots • Aircraft operation 	<ul style="list-style-type: none"> • Aircraft maintenance & instrumentation • Airport procedures • Aviation maps & publications • Observation • Radio Procedures • Passenger Carrying Endorsement Theory • Cross Country Endorsement Theory • Radio Operators Endorsement
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EXAMS

- Pre-Solo Exam
- Basic Aeronautical Knowledge Exam
- Cross Country Exam



These 3 exams are 50 question multiple-choice tests.

- Radio Operators Exam (20questions)

POST LICENCE ENDORSEMENTS

PASSENGER CARRYING ENDORSEMENT

Applicants for the issue of a Passenger Carrying Endorsement must have:

- Attained the age of 18 years,
- Accumulated a minimum of **20 hours** (average) as pilot in command of a Weightshift Microlight (W M), hold a Pilot certificate and have accumulated a minimum of **10 hours** solo upon completion of a (W M) Pilot certificate.
- Be able to take off, fly and land safely in adverse weather conditions and demonstrate competency in passenger safety and comfort with the Instructor.
- Have a medical statement indicating that he or she is medically fit to a standard equivalent to that required for the issue of a Private Pilots Licence in Australia.

COST as of 1st MAY 2009

TRAINING RATES FOR STUDENTS WHO TRAIN ON SCHOOL AIRCRAFT

\$3100 (20hrs training {average} @ \$155/hr)

Theoretical training (15 to 20hrs @ \$50 per hr) = \$750 to \$1000

\$130 Recommended text and trainee pilot pack including; Logbook, Pilot Training workbook, Operations Manual, Visual Flight Guide + postage

\$120 exams (4 X \$30)

\$150 (HGFA joining fee)

\$4250 to \$4500

TRAINING RATES FOR STUDENTS WHO PURCHASE AN AIRCRAFT VIA OUR SCHOOL

Training costs can be substantially reduced by purchasing a new Trike through us early on in your training. Dual training rates are reduced to \$85/hr, and the last 5 hours of your licence, solo consolidation, is free of charge, a saving of \$1825. Costs for formal theory on your own trike are \$50/hr.

\$1700 (20hrs dual training @ 85/hr)

\$ 750/\$1000 (formal theory \$50 X 15hr/20hr) this is an approximate cost only as the total theory cost may vary depending on previous knowledge and individual differences

\$130 Recommended text and trainee pilot pack including; Logbook, Pilot Training workbook, Operations Manual + postage

\$120 exams (4 X \$30)

\$150 (HGFA joining fee)

\$2850/\$3100 sub total

\$ - 425 (discount – 5 hours solo consolidation with supervision - Free of charge)

\$2425 to \$2675 total

TRAINING RATES FOR STUDENTS WHO ALREADY OWN AN AIRCRAFT

\$1500 (15hrs dual instruction @ \$100/hr)

\$250 (5hrs solo consolidation with supervision @ \$50/hr)

\$ 750/\$1000 (formal theory \$50 X 15hr/20hr) this is an approximate cost only as the total theory cost may vary depending on previous knowledge and individual differences

\$130 Recommended text and trainee pilot pack including; Logbook, Pilot Training workbook, Operations Manual + postage

\$120 exams (4 X \$30)

\$150 (HGFA joining fee)

\$2900 to \$3150 total

CREDITS FOR PREVIOUS FLYING EXPERIENCE

People with previous aviation experience require **10hrs practical training**. Training rates will be based upon any of the above combinations. All students are required to complete the HGFA workbook and sit the 3 multiple-choice exams (Pre-Solo, Basic Aeronautical Knowledge & Cross Country Endorsement). Study for these exams and completion of the workbook can be done privately using required references or "as above" during formal theory sessions.

A fee of \$30 per exam applies to time spent looking over correcting answers.

"THERE'S NO SUCH THING AS I CAN'T FLY, THERE'S ONLY THE QUESTION DO I WANT TO FLY!"

Steve Ruffels

INTRODUCTORY TRAINING PACKAGES

1. Introductory Package – Twin Rivers 10min rear seat flight around Porepunkah up to 3000'amsl whereby you are shown how the aircraft is flown. The engine will then be switched off for a silent glide back to the airstrip. During the descent you will be given the opportunity to control the aircraft.

After landing you will then change to the front seating position giving you greater visibility and the opportunity to control the aircraft under instruction. This 2nd Instructional flight is 30min long. Cost \$155

2. Introductory Package plus Theory books necessary to do complete Microlight course. Cost \$280

3. Introductory Package, Theory Books plus 1hr Flying Lesson plus 1.5hr BAK Theory Lesson Cost \$500

4. Introductory Package, Theory Books plus 2 X 1hr Flying Lessons plus 1.5hr BAK Theory Lesson plus HGFA Short Term Membership (4months)
Total Cost \$800