


**FREEDOM...SPORT...FUN...**



**LEARN TO FLY**



***[www.sussexgliding.co.uk](http://www.sussexgliding.co.uk)***

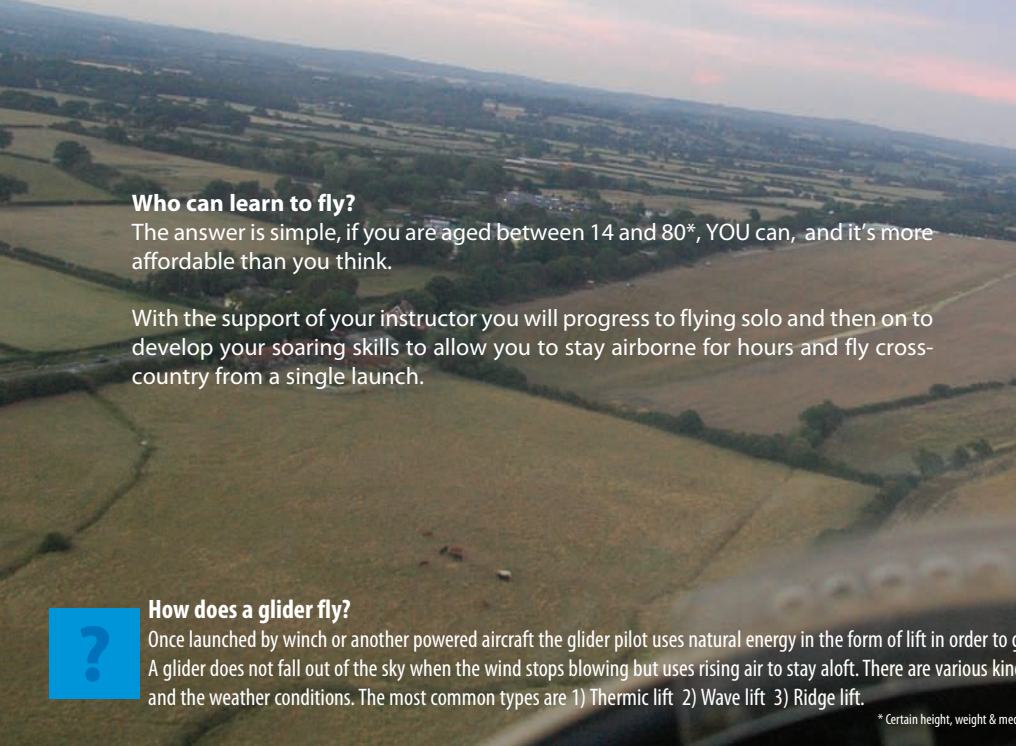


**Visit East Sussex Gliding Club  
and learn the art of flying using  
nothing but the energy of the sun  
and the help of one of our friendly  
and experienced instructors**



**Did you know a glider can fly hundreds of miles?**

Last year from Ringmer several pilots flew flights of over 300km. In Wales and France Ringmer pilots flew to 18,000 and 20,000 feet and some have stayed aloft for over eight hours at a time.



### Who can learn to fly?

The answer is simple, if you are aged between 14 and 80\*, YOU can, and it's more affordable than you think.

With the support of your instructor you will progress to flying solo and then on to develop your soaring skills to allow you to stay airborne for hours and fly cross-country from a single launch.



### How does a glider fly?

Once launched by winch or another powered aircraft the glider pilot uses natural energy in the form of lift in order to gain height which can then be converted into distance. A glider does not fall out of the sky when the wind stops blowing but uses rising air to stay aloft. There are various kinds of lift, which one you get depends on the terrain and the weather conditions. The most common types are 1) Thermic lift 2) Wave lift 3) Ridge lift.

\* Certain height, weight & medical restrictions apply. Please enquire prior to purchasing a trial lesson voucher to avoid possible disappointment later on.



1

### Thermic Lift:

The sun warms the ground and the air just above it, which, then rises faster than the cooler air around it. This rising column or bubble of air, the thermal, often creates a white, fluffy cumulus cloud acting as a marker for the glider pilot.

### How does the training work?

You will fly in a two seat glider with a qualified instructor who will guide you through the approved training schedule. Training is suitable from beginner to the advanced solo pilot.



### Trial Lesson

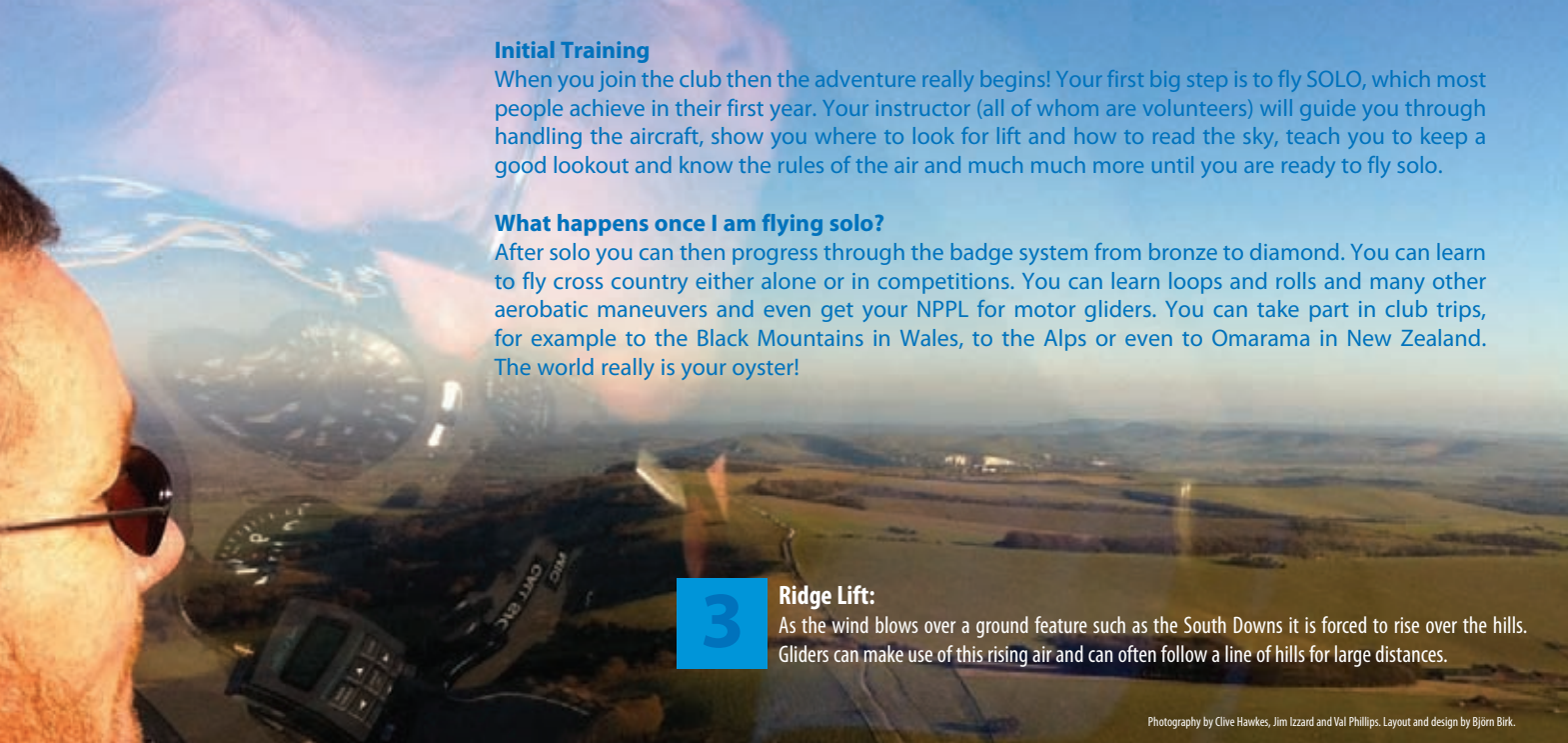
To begin your training you will first have a trial lesson. This will introduce you to gliding and allow you to fly the glider for yourself. The trial lesson includes 28 days free membership during which time you can fly as a club member to really get the feel of it.



2

### Wave Lift:

The wind blowing over features such as the downs will, in some weather conditions, set up a standing wave. Gliders can often fly to great heights by using the upgoing part of the wave

A person is shown from the side, wearing a glider helmet and goggles, looking out over a vast landscape. The cockpit instruments are visible in the foreground. The background shows rolling hills and a clear sky.

## Initial Training

When you join the club then the adventure really begins! Your first big step is to fly SOLO, which most people achieve in their first year. Your instructor (all of whom are volunteers) will guide you through handling the aircraft, show you where to look for lift and how to read the sky, teach you to keep a good lookout and know the rules of the air and much much more until you are ready to fly solo.

## What happens once I am flying solo?

After solo you can then progress through the badge system from bronze to diamond. You can learn to fly cross country either alone or in competitions. You can learn loops and rolls and many other aerobatic maneuvers and even get your NPPL for motor gliders. You can take part in club trips, for example to the Black Mountains in Wales, to the Alps or even to Omarama in New Zealand. The world really is your oyster!

3

### Ridge Lift:

As the wind blows over a ground feature such as the South Downs it is forced to rise over the hills. Gliders can make use of this rising air and can often follow a line of hills for large distances.

to book your trial lesson today phone

**07717 057 199**

or visit us at the airfield  
East Sussex Gliding Club Ltd  
Kitson Field  
The Broyle  
Ringmer  
East Sussex  
BN8 5AP

email: [vouchers@sussexgliding.co.uk](mailto:vouchers@sussexgliding.co.uk)  
web: [www.sussexgliding.co.uk](http://www.sussexgliding.co.uk)

