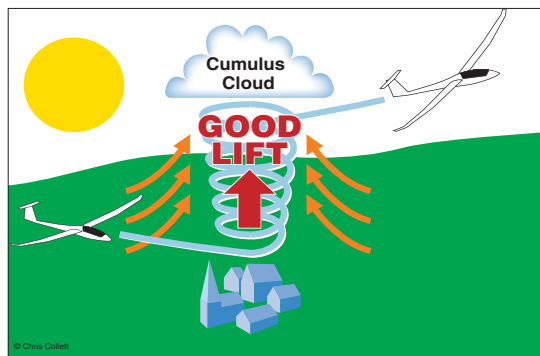


# How gliders stay up

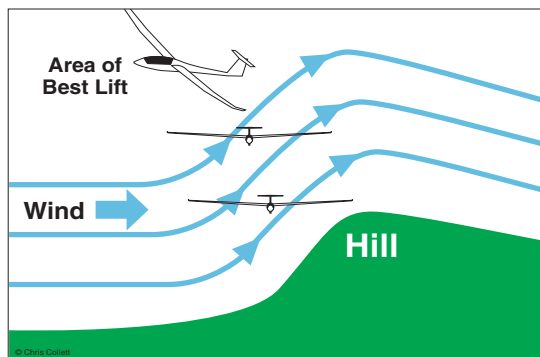
## Thermal Soaring – cross-country

The pilot can fly long distances by climbing in rising air and gliding to the next source of lift.



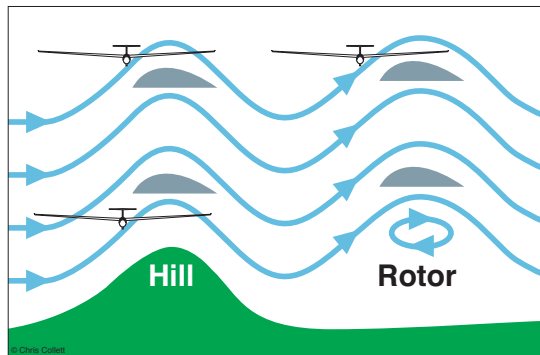
## Hill Soaring

Wind against a hill or ridge will produce consistent lift.



## Wave Soaring

Wind deflected by a hill forms a wave pattern in which the pilot can climb to great heights.



# FAQs

## Q Will I fly with the same instructor ?

A You will fly with the same professional instructor during the course. If you fly after the course ends you are likely to fly with different instructors, club members who are fully qualified to British Gliding Association standards.

## Q How long is the average flight ?

A The length of the flight depends what you are practising. Your instructor will try to ensure that you get value out of every flight.

## Q Does this course include soaring flights ?

A Yes, definitely, as you need to learn how to find and climb in thermals. Soaring is an essential skill in the sport of gliding.

## Q Will I have to pay any extra ?

A Only if you have a soaring flight of over an hour, by agreement with your instructor. The extra charge will be at club rates.

## Q What is the average number of flights to go solo ?

A The usual rule is about 40 or as many flights as your age, but this is only a very rough estimate. Like any learning, progress depends on regular practice, ideally a minimum of two flights a week.



Booker Gliding Club  
Wycombe Air Park Marlow  
Buckinghamshire SL7 3DP

t 01494 442501

e info@bookergliding.co.uk

w www.bookergliding.co.uk

28.02.2015

Discover Gliding  
Experience the purest most natural way to fly

2&5  
Day Courses  
A great way to learn to fly

Designed and produced by www.penink.co.uk

www.bookergliding.co.uk

## 2&5 Day Courses

### A great way to learn to fly

Designed to get you started and give you an understanding of gliding and appreciation of the art of soaring flight.

**2 Day Course** includes 6 glider flights.

**5 Day Course** includes 17 glider flights.

Both courses include an hour in a motorglider\* to give you a better understanding of circuit planning.

If you are unable to complete all your flights during the course, you have up to 3 months to take the remainder.

After completing the syllabus, you can upgrade to a longer course, or join the club as a full member at a discounted rate with the option of buying a top-up package of flying credit.

Courses are run in small groups with a dedicated professional instructor, which will ensure rapid progress towards your first solo.

Launches at Booker are by aerotow – you are towed behind a powered plane – giving you much more time in the air than from a winch launch to learn the art of gliding. Typical students need half as many aerotows as winch launches to go solo.

Courses run Monday to Friday between March and September.  
(alternative dates by arrangement)

All this at an inclusive price for:

**2 Day Course £400**

**5 Day Course £849**

Aerotow flights are normally 2,000ft subject to weather conditions and exercise being flown.

## What to expect

Your course is structured to include a mix of practical hands-on flying and ground school. You will cover topics such as the theory of flight, meteorology, airspace, launch procedures and ground handling, plus a full safety briefing.

The course includes a gliding text book to help you understand the theory, and your personal gliding logbook and record card, to log your progress.

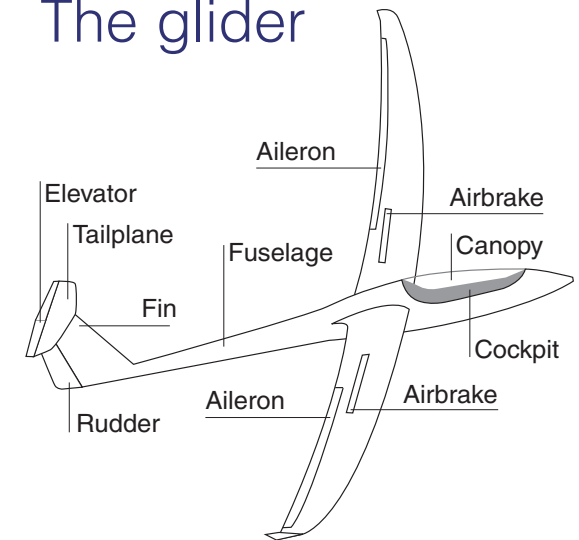
#### Please Note:

\*In the event of the motorglider not being available for instruction, the club will allow an extra 4,000ft of aero tow.

The club will only offer refunds within 7 days of purchase.



## The glider



The glider is an aircraft like any other, but without an engine.

All the component parts and control surfaces are the same, as shown above.

## The instruments



The instrument panel of a typical training glider in this case a K21, (clockwise from top left).

Air speed indicator (ASI) - Compass - Vario (mechanical) - Altimeter - Turn and Slip indicator - Vario (electric) - G-meter.