



Strip Skills

FLIGHT SKILLS MODULE

POINTS

This course is a **FLIGHT SKILLS** module for

 **BRONZE**

 **SILVER**

 **GOLD**

 **DIAMOND**

It is also a BMAA DIPLOMA course.

HOW TO BOOK

There is a list of registered providers on the BMAA website.

If your club/school is not registered, please ask them to get in touch at wings@bmaa.org so that we can supply the teaching materials and course completion certificates and add them to our list of known providers.

COSTS

Costs will depend upon the number of hours required to complete the tasks to the necessary skill level.

Please speak to your provider for guidance.

OBJECTIVE

This post-licence course is designed to make you a safer pilot by reviewing the knowledge and improving the flying skills involved in landing at more demanding strips, such as private and farm strips. It must be delivered by an approved BMAA Instructor.









BACKGROUND

Operating a microlight aircraft safely from more demanding flying sites such as unmade farm and private strips requires a high standard of knowledge and flying skills. Pilots who have trained at large airfields may have little or no experience of such smaller strips and are therefore vulnerable to making errors. At the very least they may be put off visiting such strips, which are the backbone of microlight flying sites.

This BMAA Course will develop and reinforce your knowledge and skills to enable you to tackle these strips safely and with confidence.

SYLLABUS

Knowledge

-  Review of CAA Safety Sense Leaflets [7c "Aeroplane Performance"](#) and [12 "Strip Flying"](#).
-  Review of performance calculations, TORA LDA, TOD/LD from POH. Factors to apply.
-  Awareness of hazards
 - Short Runway
 - Narrow Runway
 - Surface and Slope
 - Surroundings, Obstructions, Turbulence and Rotor.
-  The importance of an accurate approach.
-  The importance of the decision to go-around.
-  Review of short/soft field landing techniques.
-  Review of crosswind take-off and landing techniques. Estimating crosswind. Aircraft limitations. (POH)
-  Understanding your own limitations. Planning an alternate.

NOTES FOR INSTRUCTORS

✈ Always remember; “Sufficiently poor judgement can overcome even great skill”.

Planning the training – assess the pilot’s experience

Depending on the experience of the pilot undergoing the refresher training, it can be beneficial to practice initially at a larger runway, simulating the short runway by setting cones or other markers at the runway side. The cones can be progressively brought closer until the distances laid down in the POH have been achieved.

Practice can then be moved to a suitable farm or private strip, initially in easy wind conditions, then in more challenging conditions. It is essential that the course is completed at a sufficiently demanding strip, otherwise the training will be of limited value.

Do not continue if safety or the confidence of the pilot are compromised.

Reinforce the option to go-around, or go to an alternate field if necessary.

Skills (Flight Instruction)

Review and development of:

- ✈ Glide Approach. Correct use of Flap.
- ✈ Powered Approach. Accurate speed control.
- ✈ Short Field take-off and landing techniques.
- ✈ Soft Field take-off and landing techniques.
- ✈ Crosswind take-off and landing techniques.
- ✈ Turbulent/Strong Wind Techniques.
- ✈ Planning for and actions following engine failure.
- ✈ Go-around procedure.

COMPLETION

There is no minimum or maximum time requirements to complete the course. Practice should continue until the pilot demonstrates an acceptable level of skill. The instructor should then sign the pilot’s logbook as “Strip skills course completed”, with signature, date, license and BMAA number.

You’ll then receive a Completion Record from your instructor (*see the next two pages of this document*).

Send a copy of your Certificate to the BMAA at wings@bmaa.org.

You will be issued with a Flight Diploma and the course will be credited to your Wings record.

Strip Skills Diploma

Course Completion Record

To be completed by the BMAA Course Instructor



SYLLABUS

Knowledge

- Review of CAA Safety Sense Leaflets [7c](#) "[Aeroplane Performance](#)" and [12](#) "[Strip Flying](#)".
- Review of performance calculations, TORA LDA. TOD/LD from POH. Factors to apply.
- Awareness of hazards:
 - Short & narrow runways.
 - Surface & slope.
 - Surroundings, obstructions, turbulence & rotor.
 - Wind gradients.
- The importance of an accurate approach.
- The importance of the decision to go-around.
- Review of short/soft field landing techniques.
- Review of crosswind take-off and landing techniques. Estimating crosswind. Aircraft limitations. (POH)
- Understanding your own limitations. Planning an alternate.

Instructor Initials	Date

To be completed by the BMAA Course Instructor

Instructor Initials	Date

Skills (Flight Instruction) Review and development of:

- Glide Approach. Correct use of Flap.
- Powered Approach. Accurate speed control.
- Short Field take-off and landing techniques.
- Soft Field take-off and landing techniques.
- Crosswind take-off and landing techniques.
- Turbulent/strong wind techniques.
- Planning for and actions following engine failure.
- Go-around procedure.
- Wind gradients

APPLICANT	
Name of pilot under training:	
PRINT NAME:	
BMAA Membership number:	
Email address:	
INSTRUCTOR	
PRINT NAME:	
Course completed to my satisfaction	Signed:
Pilot licence Number	
BMAA Membership number:	
Email address:	

Now send this form to the BMAA (wings@bmaa.org), who will issue the Flight Diploma.

www.bmaa.org/wings