



# Circuit Matters

## 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](mailto: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 to the necessary skill level.

Please speak to your provider for guidance.

### NOTES FOR INSTRUCTORS

### OBJECTIVE

This post-licence course is designed to make you a safer pilot by reviewing the knowledge and improving the flying skills involved in operating from aerodromes and integrating with the circuit pattern. It must be delivered by an approved BMAA Instructor.










### BACKGROUND

Understanding of the circuit structure and operations at aerodromes are fundamental aspects of being a pilot.

This BMAA Course is designed to develop and reinforce the knowledge and skills required by pilots to tackle the circuit with confidence and discipline.

### SYLLABUS

#### Knowledge

-  Review of CAA Safety Sense Leaflets
  - [6 "Aeroplane Sense"](#)
  - [26 "Visiting Military Aerodromes"](#)
-  Review of the definition of an aerodrome and overview of the different types.
-  Review of features:
  - Runways
  - Control points
  - General layout & markings
-  The importance of PPR [Prior Permission Required].
-  Review of operations and protocols:
  - From start-up to shut down
  - Emergencies
-  Review of "The Circuit"
-  Review of "The Overhead Join"
-  Review of Radio Telephony:
  - Calls
  - Procedures
  - Types of service
-  Understanding your own limitations and the importance of 'Planning Ahead'.

#### Skills (Flight Instruction)

## Planning the training – assess the pilot's experience

Flying a larger circuit pattern (perhaps from a larger runway) can be beneficial initially for revision for this exercise as it prolongs the time flown in the circuit and therefore the time spent flying accurately.

Emphasis may be adjusted according to the pilot experience as a pilot based at a GA airport could benefit most from flying circuits at short grass strips and vice versa.

All options should be covered and to some extent this can be achieved by pretending a grass strip is longer than it is or a larger runway, shorter.

However, consideration should be given to visiting other aerodromes as appropriate ranging from short field to an airport with full ATC.

Left and right hand circuit patterns should be flown and ideally at some point with cross winds sufficient to ensure drift issues are addressed as well as enabling practice take off and landing skill to be practised.

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

Go-around procedures should be fully understood and practice included from a full flap position. Engine failure procedures are part and parcel of circuit flying and these should be well understood and the pilot competent at dealing with all emergencies.

Review and development of:

- 🌀 PPR
- 🌀 Pre departure planning.
- 🌀 Ground handling (from start-up to take-off).
- 🌀 Flying 'The Circuit' including missed approach/go-around.
- 🌀 All ways/methods of joining the circuit
- 🌀 Leaving the runway to shut down.
- 🌀 Post flight debrief.

## COMPLETION

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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 "Circuit matters 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](mailto:wings@bmaa.org).

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

