



# GPS for Flight Planning

## FLIGHT SKILLS MODULE

### POINTS

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

 **BRONZE**

 **SILVER**

 **GOLD**

 **DIAMOND**

### HOW TO BOOK

This course can be delivered by BMAA flying schools.

The **ground school** element can be offered by BMAA mentors.

The **flight skill** element should be accompanied by an experienced pilot or instructor.

### COSTS

Costs will depend on provider. This makes an excellent seminar for clubs & flying schools

If completed without the flight practice element, this course can be used as an EDUCATION module instead of a FLIGHT SKILLS one.

### OBJECTIVE










The purpose of this course is to give pilots an introduction to moving maps for pre-planning and in-flight use.

### BACKGROUND

Moving maps are, when used correctly, an aid to safe flight. In this course we'll look at the comparison of manual (whiz wheel or triangle of velocities) and moving map methods of planning, the pre- and post-flight elements of using moving maps as well as in-flight operation.

### SYLLABUS

The course will cover the following areas of use of Moving Maps and assumes no previous knowledge:

-  Basic route planning (manual & Moving Map)
-  NOTAMS, Weather, Airspace awareness
-  PLOGs, Height & Altitude planning
-  Comms; listening squawks & en-route frequencies
-  Display features
-  En-route change of plan: diversions
-  Destination planning; airfield data
-  Return leg planning
-  Post flight data

There is a practice flight element which consists of planning and flying a route using GPS tools such as SkyDemon. The aim is to demonstrate good planning, safe use of the tools in the air and the ability to cope with a diversion and a GPS systems failure in the air.

### COMPLETION

Evidence of completion to show for Wings credit will be a certificate of completion and/or the logbook entries

signed by the instructor. If a fellow pilot accompanies you on the flight rather than an instructor then please note their name and BMAA number on your application and send to BMAA HQ for approval & accreditation to your Wings record [wings@bmaa.org](mailto:wings@bmaa.org)