



# Leg-It

Electronic VFR Flight Planning  
a member of the Air-E-Ware series

A tool for private pilots to check all those tedious manual pre-flight calculations that were taught at ground school. It will also collect route-specific NOTAMs and display them along with the route on a map or export all this data to 3<sup>rd</sup> party GPS tools for in-flight reference.

**Leg-It** is compatible with Windows® 2000/XP and Microsoft® Office 2000 or later. It has two operating modes: basic and fully-featured. The basic mode is free of charge.

In basic mode, **Leg-It** will

- perform calculations of all great circle distances, headings, ground speeds, leg flight times from co-ordinate data for each leg of the planned route for airspeeds up to 40mph
- perform triangle of velocities calculations allowing for winds at different altitudes
- work out compass headings allowing for both the Earth's magnetic variation (which it can calculate for you\*) and the plane's compass deviation characteristic
- let you select waypoints by name and fill in all location information for you – this is by reference to a huge 6000+ database\*\* of UK-centric waypoints
- let you type in co-ordinates in a format of your choice either directly on the flight calculation form or by adding to the internal database
- deliver a detailed printout of the flight plan and an in-flight reference card to put in your map holder
- plot your planned route superimposed on a web-based interactive map or aerial view

Additionally, in fully featured mode, **Leg-It** will remove speed limits of basic mode, plus:

- supports **graphical route editing** using the integral map tool
- automatically download **NOTAMs**, filter them according to the specifics of your flight and according to criteria you set and present them in a digestible graphical form
- **save** flight planning data away to a very compact file
- allow **import/merge** and **export** of waypoint, route and NOTAM data to and from:
  - **Memory-Map**
  - **Garmin MapSource**

*Monitor NOTAMS in-flight using PDA or GPS unit*



**Leg-It** is available from [www.air-e-ware.co.uk](http://www.air-e-ware.co.uk).

\* Data and routines for calculating magnetic variation use open source code issued under public licence.  
Details: <http://geostarslib.sourceforge.net/>.

\*\* Grateful acknowledgements to Mel Earp for his wizardry in assembling his list of waypoints. It contains over 4000 entries collected from various sources with calculated field elevations or each one. For more information and contact: [mel@earp.info](mailto:mel@earp.info)