



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 3rd party GPS tools for in-flight reference.

Leg-It requires Windows 7 or later running Microsoft Office and Internet Explorer 11 or later. It is free of charge.

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
- 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.



* 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 6000 entries collected from various sources with calculated field elevations on each one.