[RPDist.zip](#)

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The link above contains the natural evolution of the Field Finder concept. Instead of just a database of New Zealand airports, this now contains just about all of the global aviation waypoints and airfields in ICAO location notation. Importantly these are associated with accurate Lat and Longs to 4 digit second accuracy. Installation is simply to extract the ZIP file to any directory of your choice and run the required exe. There are no registry entries and no installation processes. All runtimes are included in the directory. You can even run this from a data stick. Default file writes take place inside this directory although you have the option to save RPT and KML files elsewhere.

The two programs here are : Routeplanner.exe and Routedisplay.exe. The database is global.dat and the output and use files are .RPF (route planner files - for use by both programs, either to edit or display) and KML files that are output by both programs to interact with Google Earth. The assumption is made that a current version (6.x) GE is installed on your machine in a default location. Both XP and Vista/Win7 are catered for.

use should be fairly self explainatory, although I will get around to some proper instructions eventually.

In short. To play with the database and GE :

run routeplanner.exe

From the outset you are in waypoint search mode. Type a character and the database will progressively filter the search through the 144700+ entries. When the window contains the location required :

A single click expands the details and a double click inserts the detail into the target line of the planner lines.

You can scroll through the created route using the UP/DOWN buttons.

Insertion and deletion of lines is by the appropriate buttons. Blank lines will be either removed as you scroll around or at save time.

The location in the highlighted target line can be viewed in Google Earth at any time using the [Google Earth] button.

Create a route out of waypoints. Be sure to put in a transit altitude for each leg. Leaving TRK as -1 will

allow GE to let the canera follow the rhumb line. Otherwise you can put in a camera heading. Unless you change the default variation in the header of the RPF file, this heading must be TRUE.

With a route created, you can use the routedisplay module to play the whole route of bits of it. It is play time - so enjoy.