

## 7. Importing and Exporting WPT and routes

### 7.1. Importing “WPT” waypoints

You may have items, point of interest, waypoints you would love using with FLY is FUN.

FLY is FUN allows you importing or exporting WPT respecting the following formats

- .gpx                                      standard format for most GPS
- .kml                                      Google Earth format
- .giw                                      FLY is FUN own format

kml allows you creating WPT in Google Earth. Once WPT have been created in Google Earth, export from Google Earth should be done as kml, ~~not as kmz~~.

#### 7.1.1. **Warning** – Prior Waypoints importation create a dedicated folder T

**It is highly suggested to create and use a dedicated folder located outside of the World Nav Database, to store your own WPTs and navigation items.**

FLY is FUN navigation items and data are updated according AIRAC cycle (each 28 days). Data update process is the following:

- FLY is FUN delete data located in the “World database” folder
- FLY is FUN replace them with updated data downloaded from FLY is FUN worldwide database.

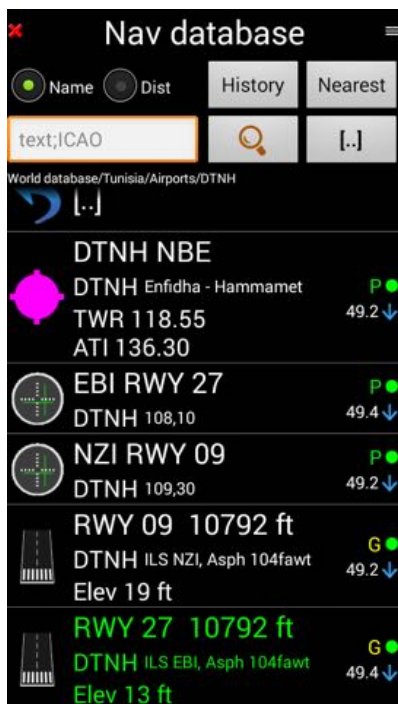
If user waypoints are stored in the “World database” folder, they may be deleted.

**Avoiding this uncomfortable situation is easy, storing waypoints outside of the “World database” directory in a dedicated folder and subfolders.**

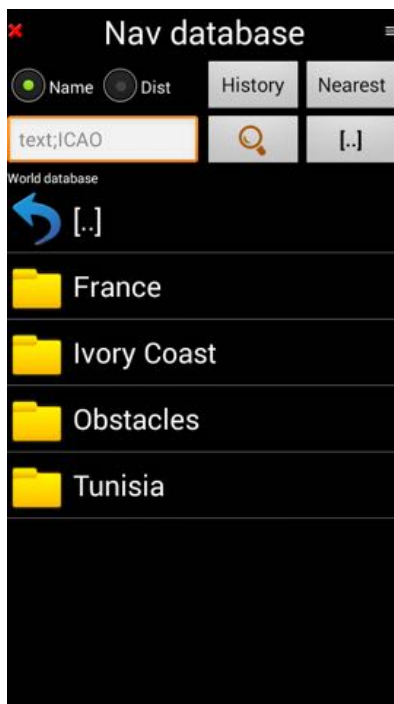
**ex: “My own waypoint” located beside the “World database” folder**

To do it:

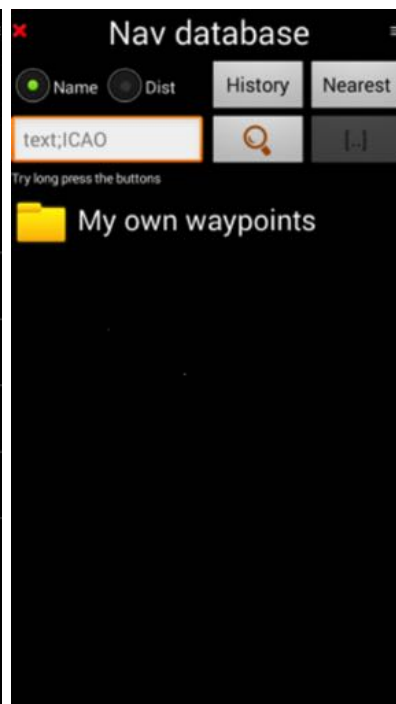
- Call the “Nav database”
  - **Short press** on the “WPT window” on the right of moving map screen
    - *If a route is activated, select “Direct to” in the menu that is popping up*
- or
  - *Menu (short press on the compass rose) -> Navigate -> Nav database (Direct to)*
- Once you see the “Nav database” to go directly on top of the tree **long press** on the “[...]” button
  - *short press* on the “[...]” button will send you, only on step upper



Moving to top of the tree  
Long press on “[.]” sends directly on top



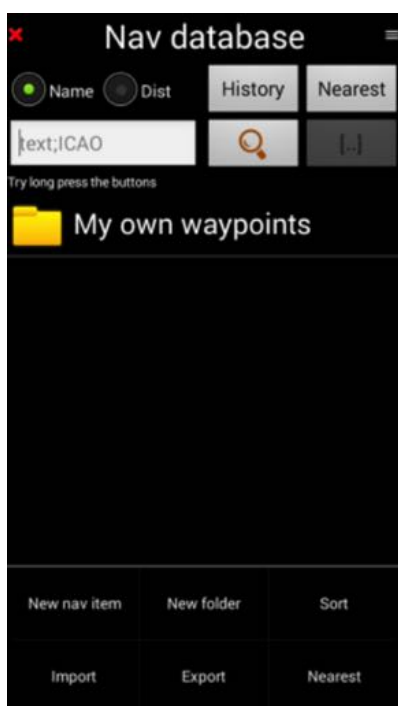
Step by step to the top pressing on “[.]”



On top of the tree

Being on top of the “Nav database” tree, create your own WPT folder

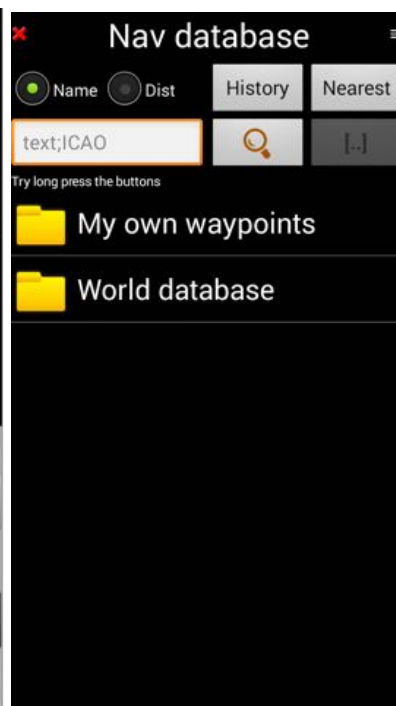
- Select the three small horizontal line in the upper part, right corner
- Then chose “New folder” in the menu that is popping up



Menu « New folder »



Entering a name



New folder created

### 7.1.2. Importing Waypoints

To import WPT, there are several possibilities

Importing WPT received as email attachment

Clicking on the attached file allows selecting FLY is FUN and importing WPT directly into FLY is FUN.

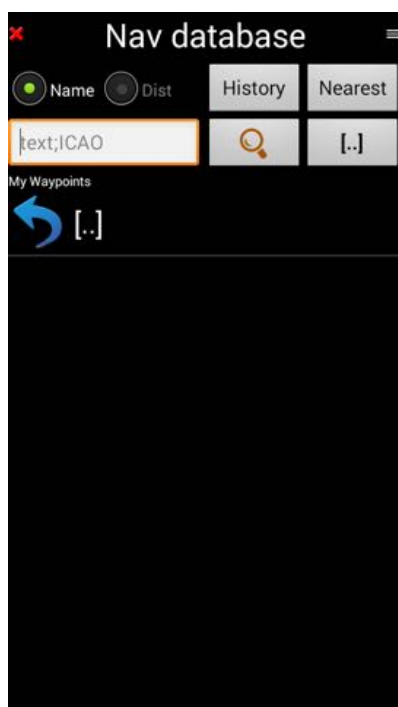
Importing WPT from a local directory

If .gpx, .kml or .giw files are stored in a local directory of the device, you can import them into FLY is FUN using import command from the Nav Database.

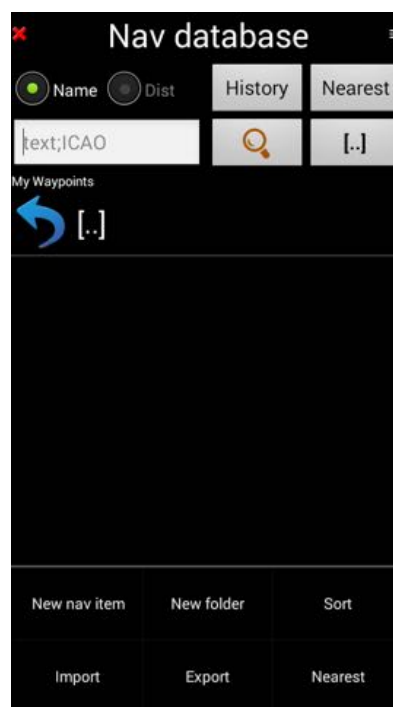
When starting the importation make sure you are in the right folder

- Call the "Nav database"
    - o **Short press** on the "WPT window" on the right of moving map screen
      - If a route is activated, select "Direct to" in the menu that is popping up
  - or
    - o Menu (short press on the compass rose) -> Navigate -> Nav database (Direct to)
  - Call the WPT import menu
    - o Select the 3 small lines, on the upper corner right
- Then
- o "Import" in the menu that is appearing

And select the WPT to import

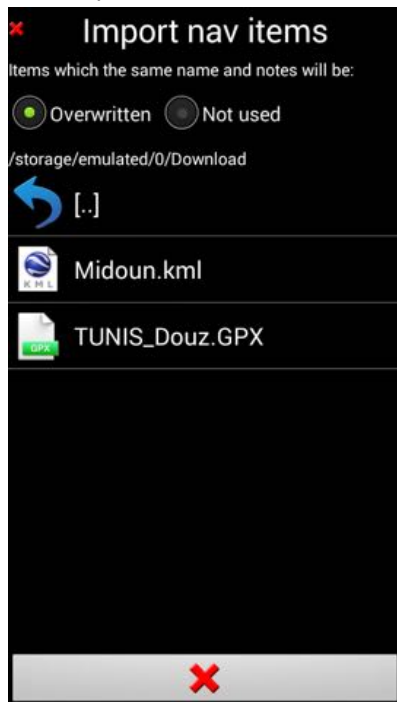


Calling the WPT "Import" menu

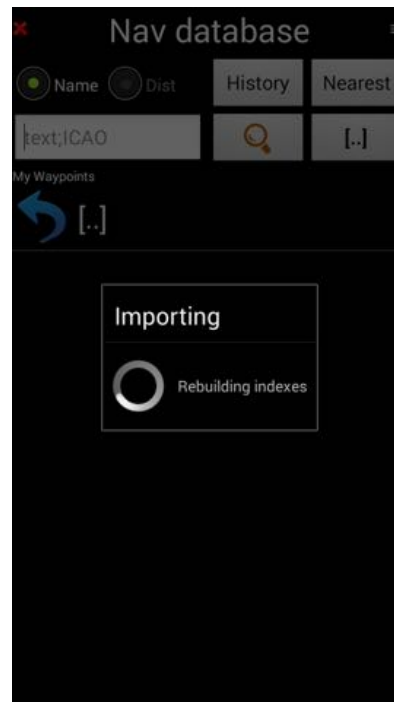


Menu « Import »

To see the files / WPTs to import, you need to select the folder where you stored them, ex “Download” directory.



Waypoints selected in Download folder



Importing Waypoints

## 7.2. Exporting “WPT” waypoints

Long press on the WPT you would like to export

In the popup menu selecting “export” call the “Export nav items” window.

From this window, you can :

- Attribute a name to the WPT you are exporting
- Select the exportation format
  - o It could be “.giw” (FLY is FUN internal format), “.kml” or “.GPX”
- Select the directory to use on your device

One nice thing is that you can export WPT individually or all together, if they are located in the same folder

### 7.3. Importing route

You may too have routes to import into FLY is FUN.

FLY is FUN allows you importing or exporting routes respecting the following formats

- .gpx standard format for most GPS
- .kml Google Earth format
- .gir FLY is FUN own format

The easiest method to import route is to get it as .GPX file attached to a mail and then to import it directly into FLY is FUN

An alternative is to import the GPX file of the route from a directory where it is stored on the Android device and then to import it into FLY is FUN using import command from the “Routes library”.

From the moving map call the route library

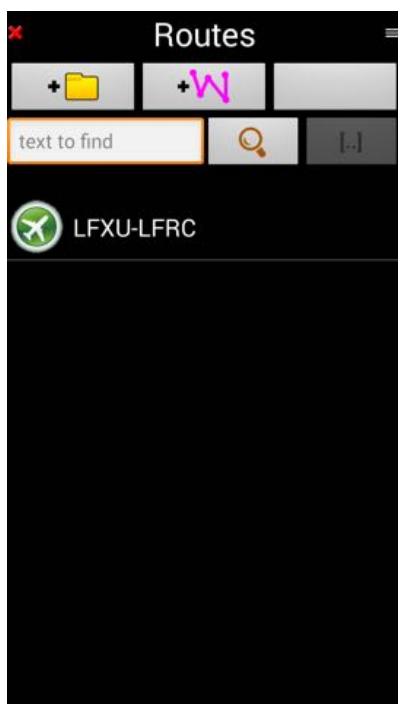
- **Short press** on “DME” – “ET” – “ETA”

or

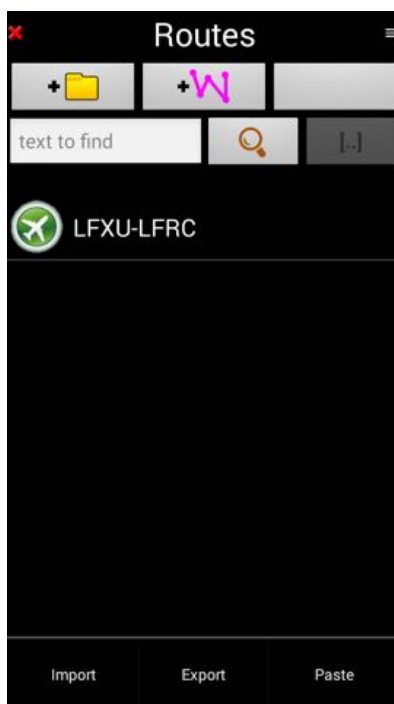
- *Menu (short press on the compass rose) -> Navigate -> Route*

Then

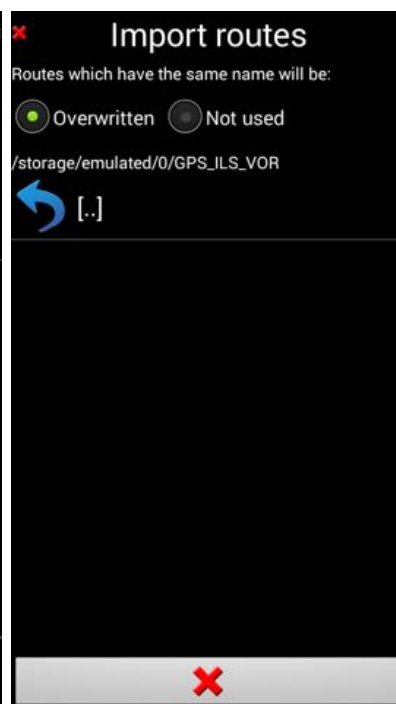
- **Short Press** on the 3 small lines, on the upper corner right
  - o “Import” – “Export” and “Paste” buttons appears



Route library

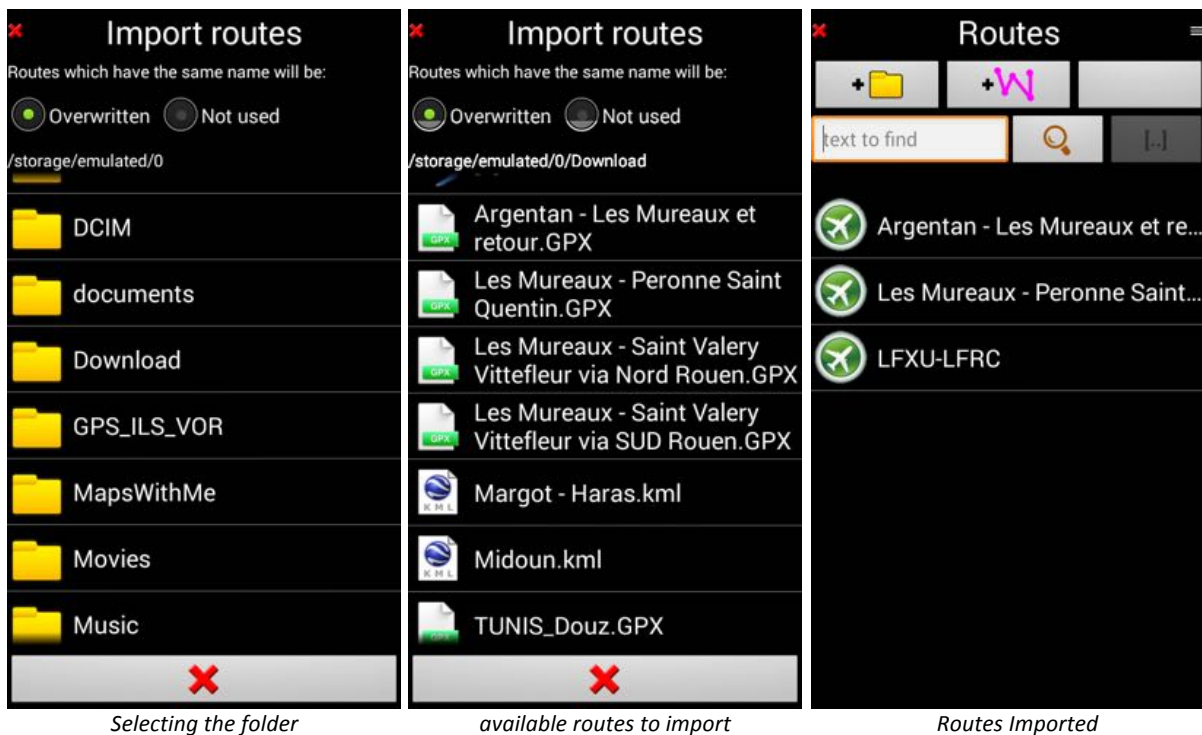


Import Export Past buttons



Select the folder where route to import are located

Select “Import” then select the folder the route to import is located.



Select the route to import.

It is done

**Note:** If you are preparing your navigation on a PC with the flight planning application “Navigation” from François Fouchet <http://francois.fouchet.free.fr/>, once route is ready, to use it with “FLY is FUN”, you need to export it in the appropriate format supported by FLY is FUN

- within “Navigation” select “GPX (with waypoints)” as export format.
  - o > GPS -> Save route -> GPX (with waypoints)
- Then email the GPX file to your Android device or store it on your Android device and follows here above describe importation process.

## 7.4. Exporting Routes

Long press on the route you would like to export

In the popup menu selecting “export” call the “Export routes” window.

From this window, you can :

- Attribute a name to the route you are exporting
- Select the exportation format
  - o It could be “.gir” (FLY is FUN internal format), “.kml” or “.GPX”
- Select the directory to use on your device