See You and Oudie

Task Planning and Uploading

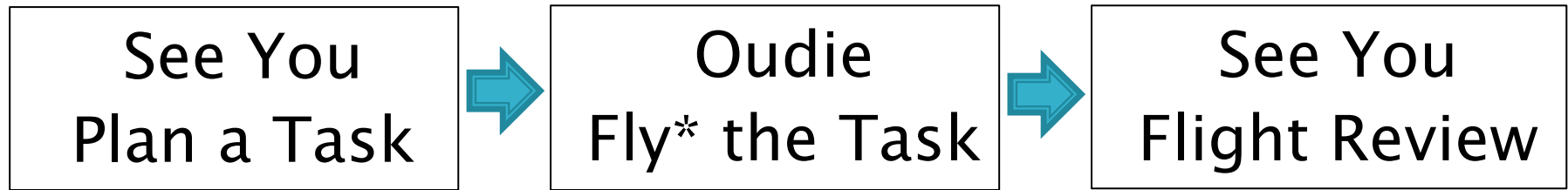# See You and Oudie

Both Naviter products

See You – task planning & flight analysis software which runs on a PC (Windows) or on-line

Oudie – PDA/PNA (aviation equivalent of a Tom Tom) in the cockpit

Single work flow from planning to flying to reviewing

See You and Oudie

See You Plan a Task	→	Oudie Fly* the Task	→	See You Flight Review

* It is possible to plan a task and replay a flight in an Oudie alone

See You – Task Planning

What do you need in order to plan a task?

- Terrain – See You has global coverage
- Airspace – See You updates or from ASSelect
- Turnpoints – upload BGA database plus any POI (fields, RP's, etc.)

- Notams – separate upload if required (from SPINE)
- Weather – See You can upload TopMeteo or SkySight soaring info (not a pre-requisite)

Then dream or plan to your heart's content!

See You - Files

you can input files in a variety of formats such as,

*.txt or *.sua or *.tnp or *.air for airspace/notams

*.txt for waypoints

then (create a task and)……

output files in proprietary formats to a variety of devices (Oudie, LXNAV, PC or SD card, etc.)
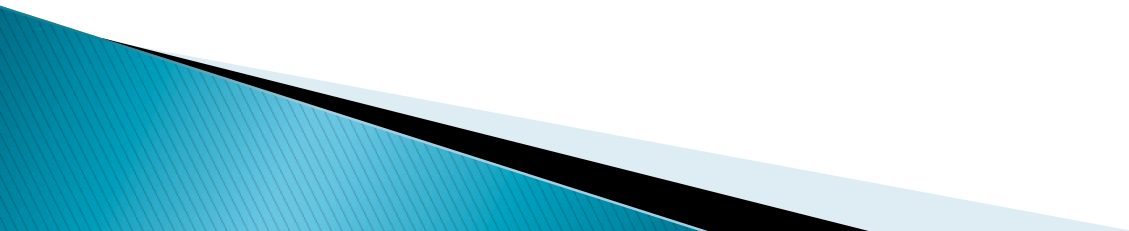
*.cub for airspace and notams

*.cup for waypoints and tasks

See You – Terrain Input

Simple – it's already in there!

See You – Airspace Input

<u>Not</u> recommended to use See You default airspace

Use ASSelect to tailor UK airspace to your requirements (https://asselect.uk/) and output as a **.sua file (select TNP format), then…

Select the airspace file(s) in See You (Tools/Airspace/ …Add)

Only needed for occasional updates

It is possible to edit these airspace files with a text editor(caution!) – e.g. separate wave box files

See You – Waypoint Input 1

Use Worldwide Soaring Turnpoint Exchange

http://soaringweb.org/TP/BGA/files.html

and scroll down for See You (**.cup) files

An Excel spreadsheet of wpt's is also available
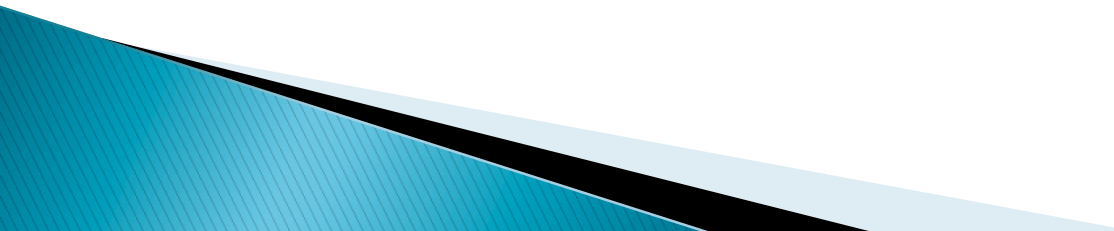
OR………

See You – Waypoint Input 2

Use TpSelect which can be downloaded at,

www.newportpeace.co.uk/tpselect.htm

or at

www.jeffg.co.uk/gliding/software.htm

Simple programme to select waypoints within geographic limits and output in a variety of formats (See You needs **.cup)

See You – Waypoint Input 3

Also possible to enter points of interest in the waypoint file and edit/designate them appropriately;

- Own turnpoints
- Landout fields (Scottish fields)
- Reporting points (e.g. for N560)
- Etc.

Any waypoint file is then accessed via the File/ Open menu in See You

See You – NOTAM Input

Use Spine which can be downloaded at

www.jeffg.co.uk/gliding/software.htm

to prepare NOTAM file for See You.

Adjust Settings in Spine to filter Notam's

Use Spine Checklist window

Output file as TNP file (actually a **.air file) and open via Tools/Airspace

See You – Weather Input

TopMeteo and SkySight can be accessed from within See You.

Subscription required

Various weather data and soaring maps can be overlain on the base maps in See You

See You – Task Planning & Output

Soaring conditions are the main driver behind designing a task

Save your task(s) then transfer to Oudie (along with Notams) via a USB cable using

"File => SeeYou Mobile Wizard"

Or just manually enter the task into the Oudie!

Also use SeeYou Mobile Wizard to transfer terrain, airspace and waypoint files to the Oudie

What does an Oudie do?

It is a PNA/PDA
- Stand-alone, moving aeronautical map (running See You Mobile) with simple task setting, mapping, and review capability
- can be used without See You PC version
- built-in GPS and battery
- touch screen
- needs air data (from vario) to perform glide calculations and get accurate height/altitude
- connectivity (cable or Bluetooth) with a range of varios, flarm units, etc
- Records the flight (not approved IGC files!)

Oudie – any good?

Use a moving map when flying XC – particularly in wave !

great…
◦ good connectivity
◦ bright screen
◦ can display Flarm targets if connected
◦ dedicated device!

but…
◦ dedicated device!
◦ bit old tech/can be slow
◦ not very intuitive
◦ needs additional power supply for long flight
◦ USB port is a weak spot

Any better than XCSoar & smartphone or other solutions???

Using an Oudie – General 1

- have a proper mounting system (e.g. RAM mount) with the connections sorted and tidy

- four main pages including 2 moving maps
  ◦ large scale for strategy, small scale for tactics
  ◦ the map orientations can be selected separately
    • NEWS up is independent of glider movement
    • Goal up map changes slowly
    • Track or heading up map can change rapidly
  ◦ Set up the nav boxes (screen info) for each map – don't overdo it.

Using an Oudie – General 2

- Need to upload airspace file(s) (**.cub format)
- Upload turnpoints (**.cup format)
- Optionally upload stored tasks as well in .cup format
- Upload via SeeYou or directly copy to Oudie from PC
- Select uploaded files/de-select others
  - "Menu=>Settings=>Files"
- Load/create/save a task

Set-up and practice on the ground!

Using an Oudie – on the day

- Upload task(s) from See You (optional)
- Upload NOTAMs from See You (optional)
- Select/create and check the task
- Install & connect Oudie to vario/logger/ external GPS
- Upload/declare task to a connected IGC logger
  - Oudie has its own logging function but is not IGC compliant

Always take a CAA chart with task & NOTAMs marked up

Using an Oudie – in the air 1

Don't faff with setting it up when in the air

➡ Take a good look–around before using ⬅

- Use the Oudie to stay out of airspace – respond to warnings
- Understand the warnings particularly height related ones (especially if using GPS altitudes)

- Scroll between map screens as required
- Set map zooms as required – try 35km and 10km
- Drag glider icon to re-position the map and improve the view
- Use GoTo to rest goal or waypoint or land-out field

Using an Oudie – Nav Boxes

Screen 1 (50–35km) (North up?)

Target
Distance
Task distance remaining
60' speed
ETE

Screen 2 (10–5km) (Goal up?)

Target
Bearing
Distance
Alt required
Req E
Current E
Ground speed
[Map 1]