

1 CUP file format description

SeeYou Waypoint format is a simple comma separated text file. Its extension is .CUP

It consists of two parts:

- . [Waypoints](#)
- . [Tasks](#)

2 Waypoints

Each line represents one waypoint with these fields, separated by commas. Here is an example:
"Lesce-Bled","LESCE",SI,4621.666N,01410.332E,505.0m,2,130,1140.0m,"123.50","Home airfield"

1. Name

This is the long name for the waypoint. It is supposed to be embraced in double quotes to allow any characters, including a comma in between. This field must not be empty.

2. Code

Also known as short name for a waypoint. Many GPS devices cannot store long waypoint names, so this field will store a short name to be used in various GPS types. It is advisable to put it in double quotes.

3. Country

IANA Top level domain standard is used for the country codes. A complete list is available at <http://www.iana.org/cctld/cctld-whois.htm>

4. Latitude

It is a decimal number where
1-2 characters are degrees,
3-4 characters are minutes,
5 decimal point,
6-8 characters are decimal minutes.
The ellipsoid used is WGS-1984

5. Longitude

It is a decimal number where
1-3 characters are degrees,
4-5 characters are minutes,
6 decimal point,
7-9 characters are decimal minutes.
The ellipsoid used is WGS-1984

6. Elevation

It is a string with a number with unit attached. Unit can be either
"m" for meters or
"ft" for feet.
Decimal separator must be a point.

7. Waypoint style

It is a digit representing these values:
0 - Unknown
1 - Waypoint
2 - Airport with grass runway

- 3 - Outlanding place
- 4 - Glider site
- 5 - Airport with solid runway
- 6 - Mountain pass
- 7 - Mountain top

8. Runway direction

It is a string in degrees representing heading of the runway. Only used with Waypoint style types 2, 3, 4 and 5

9. Runway length

It is a string for number with unit representing length of the runway. Only used with Waypoint style types 2, 3, 4 and 5

unit can be either

"m" for meters

"nm" for nautical miles

"mi" for statute miles

Decimal separator must be a point.

10. Airport Frequency

It is a string representing the frequency of the airport. Decimal separator must be a point. It can also be embraced in double quotes.

11. Description

It is a string field with no limitation in length where anything can be stored in. It should be embraced with double quotes.

3 Tasks

Tasks part of the CUP file is divided from the Waypoints by the line

-----Related Tasks-----

Each task is presented in one line. Here are two examples:

"1000km FAI Triangle","0LESCE","Sv Peter","1K MAIER","1K ZELTW","1K UDBIN","Sv Peter","0LESCE"
 ,"0LESCE","0Start","750 Huje","750 Brenner","750 Gahns","0Start","0LESCE",

1. Description

First column is the description of the task. If filled it should be double quoted.

If left empty, then SeeYou will determine the task type on runtime.

2. and all successive columns, separated by commas

Each column represents one waypoint name double quoted. The waypoint name must be exactly the same as the Long name of a waypoint listed above the Related tasks.

Number of points in the task and number of tasks is not limited.