

# AvMap EKP V Navigator

**Includes AIRPORT DIAGRAMS and APPROACH PLATES for Europe.**

AvMap presents EKP V the next step in the evolution of aeronautical GPS, redefining the role of the GPS inside the cockpit.

## **Fully Portable**

A brilliant 7 inch display, with built-in battery and GPS, only 0.8 inch thick. EKP V is slim and light, yet very powerful: with built in u-blox 5 GPS receiver, built-in battery and speakers.

## **Fully Customizable**

Easily change the layout choosing what to see and where to display it: maps, taws, weather, vertical profile on map, NAV data, HSI, EFIS. Set different PROFILES for different aircraft with different settings for TAWS, selective display and even different hard keys configurations.

## **User Friendly**

The new practical keyboard includes a configurable key, a progressive joystick and a smart wheel selector. Ease of use is ensured by the new graphic interface and the full qwerty virtual keyboard.

## **Situational Awareness & Safety**

Navigation, Electronic Flight Bag, Primary Flight Display: all you need in a single device, developed with safety in mind. You can display on the map the HSI or the flight plan vertical profile, while the TAWS colours and the Airspace warning help you stay in control of the situation.

In case of emergency you can quickly search for the nearest airport and open the geotagged airport diagram and approach plate, and watch the plane icon move on it.

## **Maps customization**

AvMap maps are made of vector objects, thus it is possible to customize them, selecting which objects to display at every map scale.

You can also build three custom map views choosing to highlight different data in each one, and then switch from one view to another with a click of the Cycle button.

You can even import to EKP V your own raster charts!

## **Connection to external instruments**

EKP V is much more than a moving map: A true multi-functional display!

Through the smart Cockpit Docking Station, EKP V can connect to: AvMap A2 ADAHRS, autopilot, weather receiver, CAS, video camera and other instruments.

## **Specifications:**

### **Hardware**

|   |  |
|---|--|
| Dimensions  | 4.3" x 6.8" x 0.8"                     |
| Weight  | 14.1 Oz                                |
| Display   | 7" (16:9) LCD TFT, 64k colors          |
| Display Resolution  | 800 x 480 pixels                       |
| Display Brightness  | 600 cd/m2                              |
| Automatic Brightness Control  |  |
| Built-in high sensitivity GPS receiver<br>with WAAS position accuracy                   |  |
| Micro SD preloaded with software and maps   |  |
| Power supply  | external 10/35 V DC with cable adapter |
| Battery   | lithium-Ion, removable, rechargeable   |
| Consumption   | max 10 Watt                            |
| Speaker   |  |
| USB OTG master / slave  |  |
| Temperature range: -20+60° operative / -30°80° storage                                  |  |
| Cockpit installation: through optional<br>Cockpit Cradle Kit or Cockpit docking station |  |

### **Software**

Horizontal / Vertical view  
Night Vision  
Go to smart menu  
(cursor, Airports, VOR, NDB, Intersection, Address, POI, User Point, LAT LON)  
Nearest Airport quick search  
Set a street address as destination  
Electronic flight bag: airport info, diagram and approach plate  
Full flight planning capability, up to 15 flight plans of up to 100 legs each  
Flight plan page with vertical profile  
Vertical Profile on map  
Airspace alarm and Flight plan Airspaces check  
Full or split HSI / RMI screen with data fields  
Full simulator functions  
Fully customizable display: choose what to see and where!  
Editable checklists to prepare your aircraft for the flight  
Customizable profiles for each aircraft with different TAWS settings, map configurations etc.  
SAR: Search and Rescue Patterns  
Import and export flight plans, waypoints and routes from Navigator to PC  
Compatible with the most popular flight planning services: import flight plans from Rocket Route, iFlightplanner and Google Earth. Free software updates.