THE NEW

AERONAUTICAL NAVIGATOR

EKPV

Fully portable, fully featured

CAS Integration

EKP V connects with INCAS BB AvMap Collision Avoidance System for panel mount.

WORLD PREVIEW

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” display, with built-in battery and GPS, only 0.8” thick

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.

Full connectivity

With the special docking station EKP V is capable to connect all your devices at the same time.

User Friendly

New intuitive interface
Full QWERTY virtual Keyboard
New Joystick + smart wheel

Your journey, Our technology

AVMAP SATELLITE NAVIGATION

GPS Navigation since 1994

EKP V AERONAUTICAL NAVIGATOR

Connectivity:

Thanks to the special Docking Station, you can connect EKP V to several on-board devices at the same time (autopilot, XM WX, CAS, EIS, EFIS etc.) so that the large 7" LCD becomes multifunctional and capable to display different flight info.

Slim and light, yet very powerful:

EKP V comes with built in u-blox 5 GPS receiver, built-in battery and speaker. The practical keyboard includes a configurable key, a new progressive jostick and a smart wheel selector. Ease of use ensured by the new graphic interface and the full QWERTY virtual keyboard.

HARDWARE

- Dimensions: 4.3" x 6.8" x 0.8"
- Weight: 14 Oz
- Display size: 7" (16:9) 4.75" x 7" x 1.5"
- Display type: Color LCD TFT
- Display resolution: 800 x 480 pixels
- Keyboard with 10 keys with F1 configurable key
- Progressive Joystick + smart wheel selector
- GPS receiver: built-in u-blox 5 high sensitivity with WAAS position accuracy
- RAM: 256 MB
- Memory Support: Micro SD preloaded with software and maps
- Black Box function: last 10 minutes flight data record
- Power supply: external 10/35 V DC with cable adapter
- Battery: removable, rechargeable lithium-Ion
- Consumption: max 10 Watt
- Speaker
- USB OTG master / slave

Docking Station:

- For panel mount with 2 serial ports and 1 USB OTG master / slave
- Audio Video input
- Audio output

MAPS

- Worldwide background
- Jeppesen database
- TAWS
- Obstacles data
- AOPA directory
- Low Airways
- Private Airports
- Approach plates
- Airport diagrams for Taxi navigation

SOFTWARE Features

- Horizontal / Vertical view
- Night Vision
- Vertical profile on map
- Flight plan vertical profile: you can set the waypoints altitude
- Full flight planning capability (up to 15 flight plans of up to 100 legs each)
- Editable aircraft checklist
- Full simulator functions
- Fully customizable display: choose what to see and where! TAWS, weather, vertical profile, nav data, HIS, EFIS (GPS based).
- Integration with other onboard devices: EFIS, autopilot, external antenna, WXXM, CAS
- TAWS: Terrain Awareness and Warning System available worldwide
- Crossed Airspace Predictor and Advisor
- Safe Route predictor and advisor
- Full qwerty virtual keyboard
- Customizable aircraft PROFILES; set a profile for each aicraft with different TAWS settings, selective display etc
- Selective display
- Compatible with AvMap INCAS BB or other Collision Avoidance Systems
- Compatible with XM Satellite Weather*
- Save waypoints and tracks and view them in Google Earth

JEPPESEN OnBoard

NAVTEQ MAPS

*Service avilable in North America only