

GeoPilot II

Aeronautical Navigator



AvMAP
SATELLITE NAVIGATION

WIDE SCREEN

COMPLETE INFO

HIGH PERFORMANCE

Everything an Aeronautical Navigator can do, at the lowest price possible.



Ultra-bright colour 5" LCD. Sunlight viewable.



Built-in Sirf Star III GPS receiver and new 300 Mhz processor.



Enhanced situational awareness with TAWS – Terrain Awareness and Warning System, Crossed Airspace Advisor and Predictor.



Advanced Flight Planning: up to 15 flight plans with up to 100 legs each.



The most detailed maps: Jeppesen® database with Victor airways, Marine objects and private airports.



Car Navigator Ready with optional AvMap terrestrial Maps (Tele Atlas® Data).



Night Palette: a safer vision for night flying.

High Performance at an Affordable Price

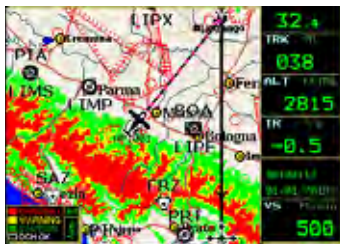
The GeoPilot II, the new portable navigator developed by AvMap based on the success of the GeoPilot, is high performance and truly affordable. More Hi Quality hardware and Software features have been added: GeoPilot II is faster than ever thanks to the new 300 MHz processor and is more compact and practical with the built-in GPS receiver and richer in information.

Large display, Safe Navigation

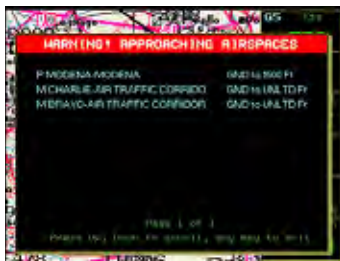
AvMap GeoPilot II displays all the information you need on a wide 5" color LCD. The display is sunlight-readable and equipped with a sensor for automatic brightness control. The information is sharp and bright and the map page is fully customizable. The large control buttons and unique toggle cursor control make navigating through menus and editing flight plans easy.

Most Accurate Information

The maps preloaded on the SD memory card includes the Jeppesen® navigation database with terrain and vertical obstructions. The Map also includes Victor Airways, marine objects, ULM Aerodromes and private airports. This enhanced database provides more navigation and emergency "nearest" options.



TAWS representation



Crossed Airspace Advisor



HSI Full Screen

Enhanced Situational Awareness

Situational awareness is greatly improved with TAWS (Terrain Awareness Warning System). With the new Crossed Airspace Predictor function, you can get a preview of the airspaces that you will cross along your flight, while the Crossed Airspace Advisor provides warnings during the flight on airspaces being crossed.

Multifunctional: Navigate by Sky and Land!

AvMap GeoPilot II is engineered for aeronautical as well as terrestrial use as it can fit perfectly in your aircraft and in your car. With the optional 2GB SD Card preloaded with Tele Atlas Maps of all North America or Europe, GeoPilot II converts into an advanced car navigator with turn-by-turn vocal instructions!

HARDWARE

- Dimensions (mm): Ultra-sleek 100 x 139.7 x 35.4
- Weight: Under 14 oz (390 g)
- Memory support: 512 MB Secure Digital preloaded with software and maps
- Display: Color 5" LCD TFT ultra bright, sun viewable, with automatic brightness control
- Resolution: 320 x 240 pixels
- Processor: Arm9 300Mhz
- RAM: 32 MB
- Keyboard: Back-lit
- Built-in Speaker
- GPS: Built-in 20 channels Sirf Star III GPS receiver
- Power supply: 10-35 V (cigarette plug power cable)
- Serial port: for optional external GPS antenna
- PC Interface: Serial
- Audio output

SOFTWARE

- Operating System: Proprietary AvMap for fast map redraw
- Full flight planning capability (15 flight plans up to 100 legs each)
- Full or split HSI screen with customizable data fields
- Approach Waypoints
- Vertical navigation capability
- TAWS – Terrain Awareness Warning System. The TAWS color coding depicts the separation between the terrain and the aircraft altitude
- Crossed Airspace Predictor and Advisor
- Customizable aircraft checklists
- Full NavData page
- Calculator functions: fuel, winds, timers, trip computer
- Full simulator functions
- Night Palette: a safer vision for night flying
- Turn-by-turn voice instructions (for car navigation only)

WIDE SCREEN

COMPLETE INFO

HIGH PERFORMANCE

Everything an Aeronautical Navigator can do, PLUS something more, at the lowest price possible.



Ultra-bright colour 5" LCD. Sunlight viewable. Equipped with Audio video input.



Compact and practical: Built-in rechargeable battery and Built-in Sirf Star III GPS receiver.



Enhanced situational awareness with TAWS – Terrain Awareness and Warning System, Crossed Airspace Advisor and Predictor.



The most detailed maps: Jeppesen® database with Victor Airways, Marine objects and private airports.



Includes the Tele Atlas Maps of Europe/North America to convert into a complete car navigator, TMC ready.



Night Palette: a safer vision for night flying.

High Performance at an Affordable Price

The GeoPilot II PLUS, the new portable aeronautical navigator developed by AvMap, is high performance and truly affordable. GeoPilot II PLUS is faster than ever thanks to the new 300 MHz processor, more compact and practical with the built-in battery and GPS receiver, and an extra serial port available for connection with PC and autopilot devices.

Large Display, Safe Navigation

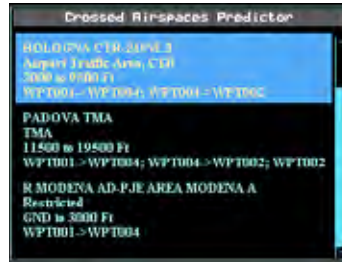
AvMap GeoPilot II PLUS displays all the information you need on a wide 5" color LCD. The display is sunlight-readable and equipped with a sensor for automatic brightness control and an audio video input. The information are clearly visible and the map page is fully customizable.

Enhanced Situational Awareness

With the TAWS GeoPilot II PLUS displays your position in relation to surrounding terrain. With the new Crossed Airspace Predictor function, you can get a preview of the airspaces that you will cross along your flight, while the Crossed Airspace Advisor provides warnings during the flight on airspaces being crossed.



Low Airways



Crossed Airspace Predictor



Terrestrial Navigation

Most Accurate Information

The cartography preloaded on the SD memory card includes the Jeppesen® navigation database with terrain and vertical obstructions. The Map also includes and Victor Airways, marine objects, ULM Aerodromes and private airports. This enhanced database provides more navigation and emergency "nearest" options.

Multifunctional:

Navigate by Sky and Land!

AvMap GeoPilot II PLUS is engineered for aeronautical as well as terrestrial use as it can fit perfectly in your aircraft and in your car. With the 2GB SD Card preloaded with Tele Atlas Maps of Europe or North America GeoPilot II PLUS converts into an advanced car navigator with turn-by-turn vocal instructions! SD included at no extra costs!

HARDWARE

- Dimensions (mm): Ultra-sleek 100 x 139.7 x 35.4
- Weight: Under 14 oz (390 g)
- Memory support: 512 MB Secure Digital preloaded with software and maps
- Display: Color 5" LCD TFT ultra bright, sun viewable, with automatic brightness control
- Resolution: 320 x 240 pixels
- Processor: Arm9 300Mhz
- RAM: 32 MB
- Keyboard: Back-lit
- Built-in Li-Ion rechargeable battery
- Built-in Speaker
- GPS: Built-in 20 channels Sirf Star III GPS receiver
- Power supply: 10-35 V (cigarette plug power cable)
- Serial port: for optional external GPS antenna
- PC Interface: Serial
- Audio output
- Audio video input: PAL, NTSC
- Remote control for terrestrial use

SOFTWARE

- Operating System: Proprietary AvMap for fast map redraw
- Full flight planning capability (15 flight plans up to 100 legs each)
- Full or split HSI screen with customizable data fields
- Approach Waypoints
- Vertical navigation capability
- TAWS – Terrain Awareness Warning System. The TAWS color coding depicts the separation between the terrain and the aircraft altitude
- Crossed Airspace predictor and advisor
- Customizable aircraft checklists
- Full NavData page
- Calculator functions: fuel, winds, timers, trip computer
- Full simulator functions
- Night Palette: a safer vision for night flying
- Turn-by-turn voice instructions (for car navigation only)

Comparison Table

Hardware

	5" LCD	Built-in GPS receiver	Built-in battery	Audio Video input	Port for external TMC antenna / aprs localization units / autopilot	Remote control
Geopilot II	•	•				
GeoPilot II +	•	•	•	•	•	•

DISCOVER THE NEW CARTOGRAPHY FOR AVMAP AERONAUTICAL PRODUCTS

The new cartography for AvMap aeronautical products is more complete, rich of useful information for the flight and with some World Premiere!

The cartography includes:

A. Background and Land elevation

- World Background: terrain depiction on the basis of land altitude
- Land Elevation for TAWS

B. Terrestrial Data

- Road networks
- Marine Objects useful for night time VFR: lighthouses, light emitting fixed marks, light buoys.

C. Aeronautical Data

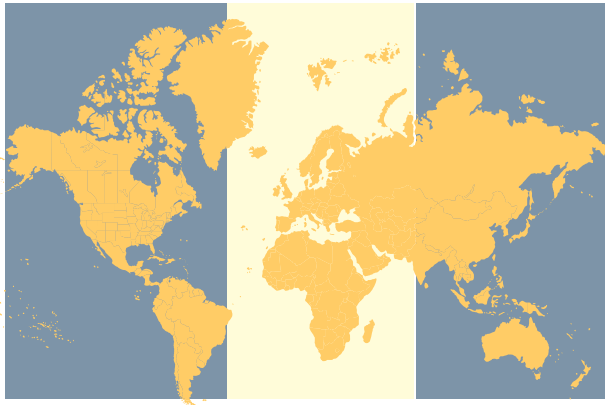
- Jeppesen Data with Victor Airways included!
- Other source Aeronautical data:
 - Airfields and private airports for all Europe and US,
 - Vertical obstructions for Europe and USA (official sources),
 - VFR Reporting points (Europe, AIP national sources).

28 days Jeppesen Cycles – the current Jeppesen expiry date is displayed in the About page.

Software

Maps

Crossed airspace predictor / advisor	TAWS	TMC Ready (only terrestrial)	Victor airways	Private airports	VFR reporting points (Europe)	Terrestrial Maps Europe / North America Tele Atlas 2 GB SD Card
•	•		•	•	•	OPTIONAL
•	•	•	•	•	•	•



NEW MAPS

Europe + Africa
World Background + terrestrial data for Europe and Africa + aeronautical data for Europe and Africa.

Americas
World Background + terrestrial data for the Americas + aeronautical data for the Americas.

Asia + Australia
World Background + terrestrial data for Asia and Australia + aeronautical data for Asia and Australia.

Worldwide
World Background + world aeronautical data + world terrestrial data.

TERRESTRIAL MAPS

GeoPilot II converts into a car navigator with the Tele Atlas terrestrial maps. Choose among:

- **Europe**
(34 countries) on 2 GB SD card
- **North America**
(US and Canada) on 2 GB SD card



To check availability of new maps visit: www.avmap.it



AVMAP
SATELLITE NAVIGATION