

WITH WAAS
for even greater accuracy



A colorful addition to any cockpit.

GPSMAP 295 Mapping details on GARMIN's provide a clear picture of the ground below. Its big, 4-inch (diagonal) 16-color display makes it easy to distinguish SUAs from highways, or VORs from nearby towns. Move the cursor to one of those SUAs and the name, controlling agency and vertical boundaries pop-up. Meanwhile a "vector to final" feature offers the finest situational awareness on approach.

Like all GARMIN portables, the GPSMAP 295 is pilot configurable. You can split the screen to keep an eye on an HSI graphic while tracking your progress on the moving map. You can also store up to 30 locations in a personal favorites list for quick access to those frequently

traveled spots. Installation options are equally handy. Mount the 295 on the yoke for convenient one-thumb operation, or attach it to the glare shield in a heads-up configuration. Your choice.

Since the GPSMAP 295 is CD-ROM compatible, you also enjoy virtually unlimited mapping utility. Load city-specific data into your 295 from a MapSource™ CD accessory, transfer the unit to your car and you'll navigate to a restaurant on the ground as easily as you follow a flight plan in the air.

The GPSMAP 295 – brilliant GPS innovation. See it at a dealer (or cockpit) near you.

specifications



Navigation features

Waypoints:
Total: 500 with 10 characters (name and symbol)
Nearest: Continuously updated; Airport, VOR, NDB, INT, user, ARTCC, FSS, airspace

Routes: 20 reversible with up to 30 points each

Map datums: Over 100

Performance

Receiver: WAAS enabled PhaseTrac12™, 12 parallel channel receiver continuously tracks and uses up to 12 satellites to compute and update position

Acquisition times:

Warm: Approximately 15 seconds
Cold: Approximately 45 seconds
AutoLocate™: Approximately 5 minutes

Update rate: 1/second, continuous

GPS Accuracy:

Position: 15 meters (49 feet) RMS*
Velocity: 0.1 knot RMS steady state

WAAS Accuracy:

Position: <3 meters, 95% typical*
Velocity: 0.05 meter/sec steady state

Dynamics: 6g's

Interfaces: NMEA 0183, Proprietary GARMIN to GARMIN panel mount products

Antenna: Detachable

Moving map features

Database: Built-in Jeppesen®; includes worldwide airports and VOR's, plus Americas, or Atlantic international, or Pacific international NDB's, intersections, special use and controlled air space, runway data, plus airport, FSS, and ARTCC frequencies

Base map: Americas or International; Includes: state/country boundaries, lakes, rivers, railroads, cities, coastlines, US state and interstate highways, and local thoroughfares

Approach waypoints: Jeppesen® data also includes final approach sequence waypoints for all published approaches

Plotting scales: 1/10 to 3000 nm with push-button zoom control

Physical

Size: 3.2"H x 6.8"W x 2.6"D (8.0 x 17.3 x 6.5 cm)
Weight: 1.4 pounds (635g)
Display: 4" diagonal (10.4cm) high-contrast, 16 color LCD with backlighting (160 x 305 pixels)
Case: Rugged; fully gasketed
Temp. range: 5°F to 158°F (-15°C to 70°C)

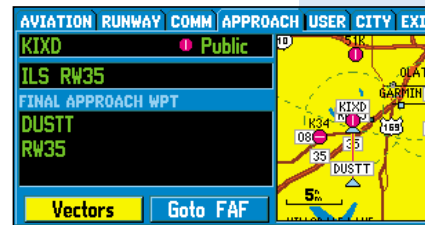
Power

Source: 10-35 vDC or 6-AA alkaline batteries
Usage: 6 watts max. — battery life up to 4 hours

Accessories

Standard: GPSMAP 295 receiver
 Yoke mount
 GA 26 low profile remote antenna
 Cigarette lighter adapter
 PC update cable
 Owner's manual
 Quick reference guide
 Carrying case

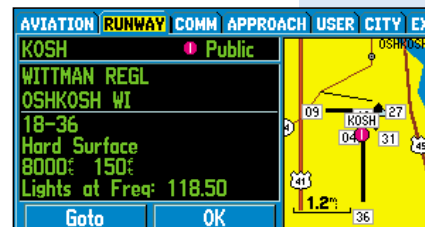
Optional: Americas or International land map cartridge
 Power/data cable
 CD-ROMs: MetroGuide, TOPO, Roads & Recreation, and WorldMap
 16 MB or 8 MB data cartridge



"vector to final" feature



"vector to final" on HSI, moving map split screen



A wealth of airport information



SUA data revealed on map page (screen shown in night mode)

©2001 GARMIN Corporation



GARMIN International
 1200 East 151st Street
 Olathe, Kansas 66062, U.S.A.
 913/397.8200 fax 913/397.8282

GARMIN (Europe) Ltd.
 Unit 5, The Quadrangle,
 Abbey Park Industrial Estate,
 Romsey, SO51 9AQ, U.K.
 44/1794.519944 fax 44/1794.519222

GARMIN (Asia) Corporation
 No. 68, Jangshu 2nd Rd.
 Shijr, Taipei County, Taiwan
 886/2.2642.9199 fax 886/2.2642.9099

www.garmin.com

Specifications are preliminary and subject to change without notice.

* Subject to accuracy degradation to 100m 2DRMS under the U.S. Department of Defense imposed Selective Availability Program.