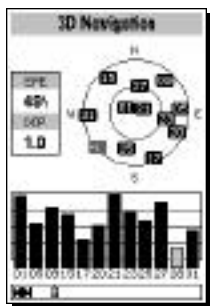
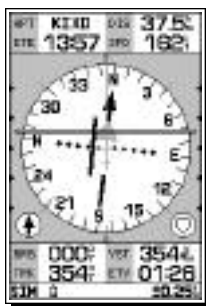


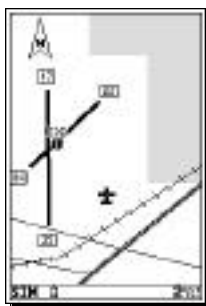
GPSMAP 195. A pilot's guide to quality viewing.



Continuous parallel carrier phase tracking of all satellites in view



Big, bold HSI with VNAV indicator on one screen



Redraws fast to show runways and map details

The industry's #1 GPS manufacturer has again designed an all-new portable that combines years of GPS expertise with a unique understanding of users' needs. The result is a pilot-friendly, one-hand operating, information-packed GPS with big, beautiful mapping capabilities.

Great picture. 38,400 pixels in a high resolution, 4-level gray scale screen produce a wealth of information. It's all easy on the eye – even in direct sunlight. And three level backlighting keeps readability up when the sun goes down.

Big screen. A 2 1/4" x 3 3/8" display gives you 50% more useful space than any other hand-held map. Space that is filled with geographically specific Jeppesen® and land data, as well as context-sensitive prompts for on-screen assistance.

Lots of channels. The GPSMAP 195 uses GARMIN's exclusive PhaseTrac12™ continuous carrier phase 12 parallel channel receiver. Easily the most powerful, most intelligent GPS receiver available.

The revolutionary GPSMAP 195. A portable map system for those who won't accept anything less than the big picture approach of GARMIN.



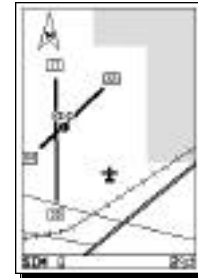
GPSMAP 195

Navigation Features

Waypoints:
Total: 250 alphanumeric
Nearest: 9 (automatic)

Routes: 20 reversible with up to 30 points each, plus TracBack™

Map Datums: Over 100



Performance

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

Acquisition Times:
Warm: Approx. 15 seconds
Cold: Approx. 45 seconds
AutoLocate™: Approx. 5 minutes

Update Rate: 1/second, continuous

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

Dynamics: 6g's

Interfaces: NMEA 0183, RTCM 104 DGPS corrections and proprietary GARMIN for all GARMIN panel mounts, PC interface kit and database updates

Physical

Size: 7.6"H x 2.9"W x 2.1"D (19.3 x 7.4 x 5.3 cm)

Weight: 1.4 lb. (635g)

Display: 4.1" diagonal (10.4 cm) high-contrast, 4-gray LCD with backlighting (160 x 240 pixels)

Case: Rugged. Fully gasketed.

Temp. Range: 5°F to 158°F (-15°C to 70°C)

Power

Source: 6-40vDC or 6-AA alkaline batteries

Usage: 1.5 watts max. – battery life up to 10 hours

Accessories

Standard: GPSMAP 195 Receiver
Yoke Mount
GA 27 Low Profile Remote Antenna
Cigarette Lighter Adapter
6-AA Battery Pack
Owner's Manual
Quick Reference Guide
Carrying Case
Wrist Strap

Optional: Americas Or International Land Map Cartridge
Power/Data Cable
PC Interface Kit (Available August 1997)
PC Update Cable
Ni-Cad Battery Pack
110vAC Charger

Plotter/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 airspace, 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

Specifications are subject to change without notice.

* Subject to accuracy degradation to 100m 2DRMS under the United States Department of Defense-imposed Selective Availability Program

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