

# Jeppesen Avionics Knowledge Library



Advanced, computer-based training  
for panel mount and handheld GPS systems

# Jeppesen Handheld Training Series

The Jeppesen Handheld Training Series is advanced, self-paced, digital learning programs that provide training on almost all operational aspects of your handheld GPS unit. The programs use a two-step process to help users learn procedures in a linear, scenario-based fashion. It's the easy, proven way to gain confidence with all that your handheld GPS has to offer.

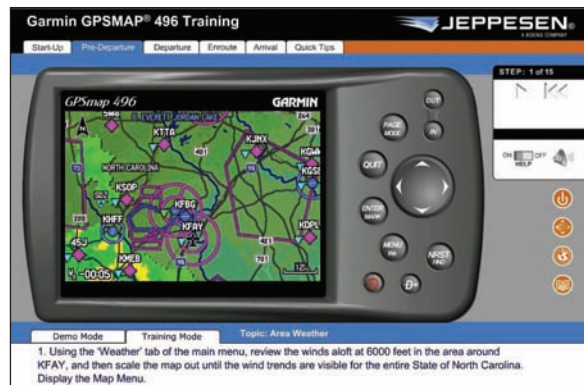
Key features include:

- Scenario-based, guided simulation
- Hands-on, interactive learning
- Realistic emulator
- On-screen help and feedback systems
- Detailed, narrated demonstrations



## Available Garmin Programs:

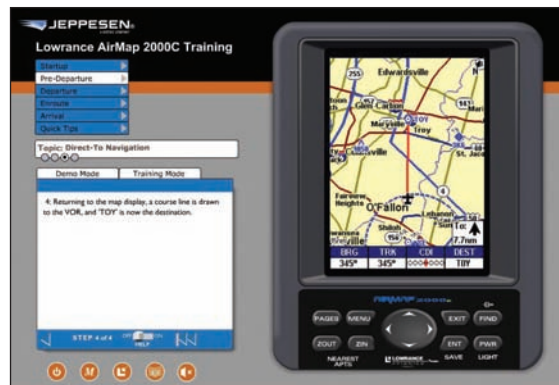
Garmin™ GPSMAP 196, 296, 396, 496



- Scenario-based, guided simulation
- Hands-On Interactive Learning
- Realistic GPS Emulator (Virtual Handheld Devices)
- Detailed, Narrated Demonstrations
- Over 34 topics taught, including: Startup, Pre-Departure, Departure, En Route, Arrival, and Quick Tips.
- On-screen help and feedback systems
- MapSource Downloadable Tutorials
- Includes Link to Garmin Pilot's Guides and Owner Manuals

## Available Lowrance Programs:

Lowrance® AirMap 2000c, 1000c, 500c



- Scenario-based, guided simulation
- Hands-On Interactive Learning
- Realistic GPS Emulators
- Detailed, Narrated Demonstrations
- Over 30 topics taught, including: Startup, Pre-Departure, Departure, En Route, Arrival, and Quick Tips.
- On-screen help and feedback systems
- MapCreate Link for Downloadable Tutorials
- Includes Link to Lowrance Pilot's Guides and Owner Manuals

# Scenario-Based Training

Jeppesen programs use a three-step method to teach procedures that really work. Here's how:

1. The **Demo** mode plays an animated, narrated movie to illustrate the selected topic using a scenario. Controls are provided to pause, play, rewind or jump to any step of the movie.
2. The **Training** mode prompts you through the same scenario and task as shown in the Demo mode, supported with on-screen text prompts to guide you through the correct actions.
3. The **Solo** mode reinforces your knowledge by allowing you to do the task without on-screen text prompting. A feedback system alerts you of any incorrect actions and a help system is available.



## Watch – Listen – Follow – Do

Video-based training is a start, but our e-Learning systems increase learning and let you put your knowledge to practical use. Recommended by Garmin™, Jeppesen programs are the total solution for both initial and recurrent training. Jeppesen lets you learn at your own pace, while practicing procedures with the comfort and safety of using a computer.

Key features include:

- Scenario-based, guided simulation
- Hands-on interactive learning
- Realistic emulator
- Detailed, narrated demonstration movies
- On-screen learner feedback & assessment
- Progress tracking
- Certificate of completion\*
- Jeppesen chart excerpts\*

*\*Jeppesen advanced program features*

State of the art, computer-based training programs for Garmin Panel Mount GPS Systems that utilizes a three-step method to teach procedures that really works! Self paced, digital learning programs that not only teaches the basics, but also provides comprehensive training on almost all operational aspects of your GPS, including IFR Procedures. Developed with input from Garmin, the FAA and top CFI's the Jeppesen Panel Mount training programs help maintain your familiarity with operational knowledge and help to increase operational efficiency and competency, with important procedures, during critical phases of flight.

## Jeppesen Garmin G1000 Training—Core & VFR Procedures

The Jeppesen Garmin G1000—Core & VFR training is an advanced, extensive, computer-based training program developed with input from Garmin that teaches the skills required to master and confidently fly the G1000. The Jeppesen scenario-based, guided simulation system will provide you comprehensive initial and recurrent knowledge of all core functions and tasks required for VFR flight and greatly facilitates the transition to flying the Garmin glass cockpit.

The training includes a multi-mode methodology that includes a Demo mode demonstrating the selected topic using narration, text, and animated graphics, a Training mode that guides you through the required steps to accomplish the task, and a Solo mode enabling the assessment of the user's performance.



Over 60 topics taught in 8 categories emulating the phases of flight, including Abnormal and Emergency Operations, the use of the GFC700 and KAP140 autopilots, and Quick Tips.

Key features include:

- Computer-based training that is much more effective than video-based training
- Scenario-based guided simulation
- Extensive demonstration movies with helpful narration
- Hands-on interactive learning Jeppesen Garmin G1000 Training - IFR Procedures
- On-screen, textual “Pop-Up” prompts to help you complete steps
- Intuitive, logical interface that makes program navigation easy
- Crisp, vector-based graphics
- Progress tracking

## Jeppesen Garmin G1000 Training—IFR Procedures

The Jeppesen Garmin G1000—IFR Procedures training is a new and advanced, extensive computer-based training program developed with input from Garmin that teaches the skills required to master the operation and confidently fly the G1000 in IFR conditions. Learn how to pull up and fly instrument procedures, load and activate approaches including RNAV and GPS approaches, new WAAS-enabled approaches such as LNAV, LNAV/VNAV, and LPV approaches, departures and arrivals, as well as performing course reversals, holding patterns, and executing missed approaches. The Jeppesen scenario-based, guided simulation system provides complete and comprehensive training allowing the pilot to become proficient in all advanced functions and tasks required for IFR flight and greatly facilitates the transition to flying the Technically Advance Aircraft and the Garmin glass cockpit.



Over 40 topics taught in six categories emulating the phases of flight including Using NEXRAD in the Terminal Environment, WAAS Benefits, WAAS Approaches Overview, and Common Mistakes.

Key features include:

- Computer-based training
- Scenario-based guided simulation
- Extensive demonstration movies with helpful narration
- Hands-on interactive learning
- Easy Program Navigation
- On-screen, textual “Pop-Up” prompts to help you complete steps
- Intuitive, logical interface that makes program navigation easy
- Crisp vector-based graphics
- Progress tracking

# Training Series

## Jeppesen Garmin GNS 530/430 Training—VFR & Core IFR Procedures

The VFR & Core IFR Procedures program provides an overall comprehensive training on almost all operational aspects of the GNS 530 & 430 GPS, including basic IFR Procedures. It's also a great refresher tool for recurrent training and helps minimize the “highly perishable skills syndrome” that occurs from infrequent use of your Garmin navigator. Discover the safe way to understand your GNS 530 & 430 compared to heads-down, in-cockpit training.

Over 40 topics taught by category, including:

- Start-Up Screen Layout, Pages, Groups & Selection, Page Options.
- Pre-Takeoff Airport Information, Auto-Tuning, Creating User Waypoints & Flight Plans.
- Departure Modifying Flight Plans, Airspace Information, Departure Procedures.
- En Route Activating Legs, OBS Mode, Nearest & VNAV Information.
- Arrival STAR's, GPS/Vectors/ILS/DME/Procedure Turn and Missed Approaches



## Jeppesen Garmin GNS 530/430 Training—Advanced IFR Procedures

The Jeppesen Garmin GNS 530/430 Advanced Training program contains over 25 topics that complement and build on skills learned from the VFR & Core IFR Procedures Training. This training will help to ensure confidence, show valuable shortcuts and include a virtual flight. After first going through the briefing section, you'll be demonstrated eleven different advanced Flight Scenarios, which you'll then fly, initially with on-screen guidance, during the topic's “Training” mode. Then you'll fly the scenarios in the “Solo” mode, to reinforce what you learned in the Demo mode and practiced in the Training mode. Create confidence while expanding comprehension on sophisticated operations such as:

- Approaches
- Missed approach procedures
- OBS mode changes
- Undefined DPs
- Amended routings
- Intercepting radials
- Unpublished holds
- Changes to transitions



## Jeppesen Garmin GNS 530/430 Training—WAAS Procedures

Leverage all the new WAAS functionality, and confidently fly the new approaches with Jeppesen's Advanced WAAS training for the Garmin GNS 530/430. The Jeppesen training system helps you become proficient with WAAS operations at your computer desktop, not in the cockpit! You'll learn about fundamental WAAS concepts and train to use the upgraded features and functions of your GNS 500W/400W series navigator, such as:

- WAAS Overview
- WAAS Approaches
- Enhanced GNS 530W/430W operational functions, modes and behaviors including:
  - New approach annunciations - LPV, L/NAV, LNAV+V, LNAV, Updated holding pattern operation
  - New/different OBS mode behaviors, Parallel track and dead reckoning functions, Revised terrain database capability



Jeppesen programs are distributed on Windows® compatible CD-ROM or DVD-ROM.

System Requirements

- Microsoft Windows 2000, XP, Vista
- 175 MB of available disk space
- 256 MB or more of available RAM
- 256 color monitor capable of 800x600 resolution
- Sound Card



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