

OSPREY GPS Simulator

Portable GPS Position Simulator



OSPREY GPS SIMULATOR

An economical simulator with high-end test capability, ideal for validating the performance of GPS-enabled devices.

The VIAVI OSPREY (Operational Simulated Positioning for Real-time Evaluation of Systems) GPS Simulator provides static waypoints and dynamic routes to be simulated for avionics testing purposes.

Daily Almanac data can be seamlessly uploaded to the OSPREY, simplifying the process of ensuring a position lock for GPS Receivers.



OSPREY Kit with Battery Pack,
OSPREY Controller, and CLAW GPS Simulator

Features

- Global Avionics Test Set Support
- Fully Self-Contained
- Static and Dynamic simulations
- Automated Almanac upload process
- 18-channel configuration
- Real-time Transcoding
- Remote control interface via mobile application for both iOS and Android devices
- Single or Dual Coupler Configurations
- GPS signals simulated: L1

Benefits

- Simulating numerous locations inside your hangar
- Route simulation enables safer and more cost effective pilot training for new equipment installations and upgrades

Ordering Information

Versions and Options

| Part Number | Description |
|-------------|---|
| 22186199 | OSPREY-1; GPS Simulator, Single Antenna |
| 22186198 | OSPREY-2; GPS Simulator, Dual Antenna |

Physical Characteristics

| Dimensions | |
|----------------------|---------------------------------------|
| Couplers | 7.5 x 7.5 x 7 in (19 x 19 x 17.75 cm) |
| Carrying Case Single | 10 x 9 x 9 in (25.4 x 23 x 23 cm) |
| Carry Case Dual | 16 x 9 x 12 in (41 x 23 x 30.5 cm) |
| Weight | |
| Single Case | 6.5 lbs (3 kg) |
| Dual Case | 9 lbs (4 kg) |



Fig 1: Remote application home screen

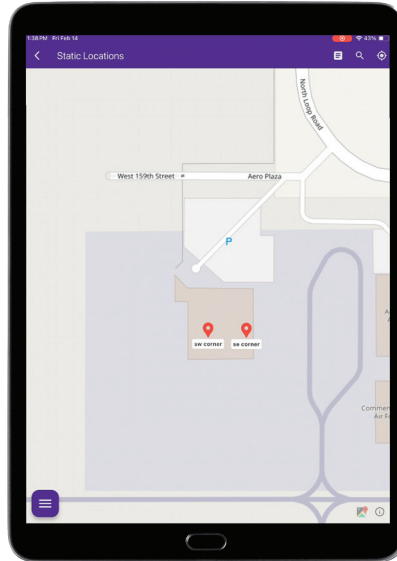


Fig 2: Remote application with static waypoints

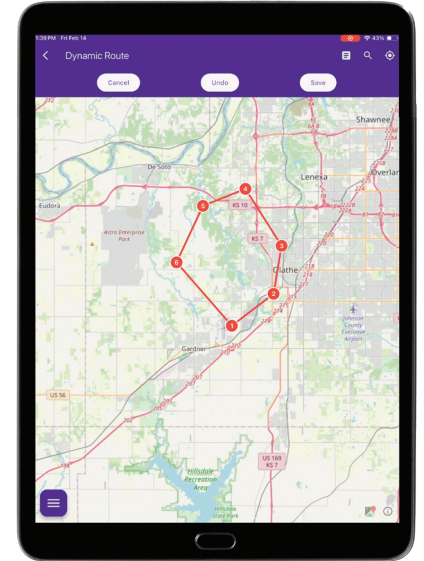


Fig 3: Remote application with dynamic waypoints



Fig 4: Dual coupler carrying case



Fig 5: Single coupler carrying case



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