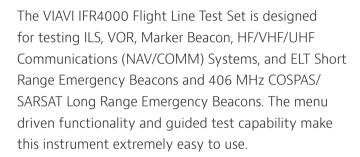
Brochure

VIAVI IFR4000-EMB

Nav/Comm Flight Line Test Set (Embraer Configuration)

A portable unit designed for the testing of navigation instruments and communication systems.







Features

- Morse code provides 1–4 characters transmitted in the VOR and ILS localizer mode
- Generation of ARINC 596 selective calling tones
- Simulation of Localizer and Glideslope (CAT I, II, and III) Signals with variable DDM settings
- Accurate measurement of VHF/UHF antenna and or feeder SWR (Standing Wave Ratio)
- Simulation of marker beacon, selectable outer, middle, and inner marker tones

Benefits

- Battery operation of 8 hours plus between recharges
- Guided test capability cuts down total test time
- Low cost ELT option
- Software updates downloaded via website
- Frequency counter provides external frequency measurement

Applications

- Accurate measurement of 121.5/243 MHz emergency beacon transmitter frequency, output power, modulation (AM). Headphone audio output to monitor swept tone
- Accurate measurement of 406 MHz COSPAS/ SARSAT emergency beacon transmitter frequency and output power
- Decode and display all location and user protocols

Ordering Information

Versions and Options

| Order Number | Description |
|--------------|-----------------------------------|
| 72420 | IFR4000-EMB Nav/Comm Ramp Test |
| | Set (Embraer configuration) |
| | Includes: |
| | 72418 IFR4000 Test Set |
| | 83402 4000OPT1 ELT (121.5/243 MHz |
| | beacon and 406 MHz COSPAS/ |
| | SARSAT beacon test) |

Standard Accessories

| 3-14-14-14-14-14-14-14-14-14-14-14-14-14- | |
|---|--|
| Antenna, 75MHz | |
| Antenna, telescoping | |
| Transit case | |
| Operation Manual (CD) | |
| Getting Started Manual | |
| AC/DC power supply | |
| Power cord, 110V | |
| Power cord set, 220V | |
| TNC (male) to TNC (male) coaxial cable | |
| TNC (female) shorting cap | |
| Spare fuse | |
| 50 Ω load | |
| Desk top stand | |
| RS-232 cable | |
| | |

Optional Accessories

| 6083 | Maintenance Manual (CD) | |
|------|-------------------------|--|

Physical Characteristics

| Size: | 11.2"H x 9.1"W x 2.7"D |
|---------|----------------------------------|
| | 28.5 cm x 23.1 cm x 6.9 cm |
| Weight: | 8.0 lbs., 3.6 kg (test set only) |

Environmental

| Temperature: | Operating: -20° to 55°C (-4° to 131°F) |
|--------------|--|
| | Storage: -30° to 70°C (-22° to 158°F) |

Test Set Certifications

| MIL PRF-28800F Class 2 |
|------------------------|
| MIL-STD-810F |
| CE, UL |

For a complete certification list, see IFR4000 Specification Sheet



Standard accessories include a rugged transit case and antenna

