

Specifications

AVIDYNE

IFD440

FMS/GPS/NAV/COM

Display (IFD440/410)

- 4.8” Diagonal w/Touch Screen
- Full VGA - 640 x 480 pixels
- 65,535 colors
- Ultrabright sunlight readable w/LED Backlighting

Dimensions (IFD440/410)

- Width: 6.30” (16.0cm)
- Height: 2.66” (11.7cm)
- Depth: 11.00” (27.5cm) behind panel including connector

Weight (including tray and connectors)

- IFD440 - 6.88 lb (2.34 kg)
- IFD410 - 5.16 lb (3.99 kg)
- IFD550 - 9.19 lb (4.17 kg)
- IFD540 - 8.79 lb (3.99 kg)
- IFD545 - 7.48 lb (3.39 kg)
- IFD510 - 7.13 lb (3.23 kg)

Power Requirements

- 11 – 33VDC
- 4.4A/6.5A Xmit @ 14vdc
- 2.2A/4.0A Xmit @ 28vdc

VHF COM Power Output

- 10 Watts nominal
- Optional 16Watt (for 28vdc installations only)

Environmental

- DO 160E
- To 50,000 Ft
- -20C to +55C Operating
- +70C Short Term

Applicable TSOs

- TSO-C34e - ILS Glide Slope Receiving Equipment Operating within the Radio Frequency Range of 328.6-335.4 Megahertz (MHz)
- TSO-C36e - Airborne ILS Localizer Receiving Equipment Operating within the Radio Frequency Range of 108-112 Megahertz (MHz)
- TSO-C40c - VOR Receiving Equipment Operating within the Radio Frequency Range of 108-117.95 Megahertz (MHz)
- TSO-C44c - Fuel Flowmeters
- TSO-C110a - Airborne Passive Thunderstorm Detection Equipment
- TSO-C112e - Air Traffic Control Radar Beacon System/Mode Select (ATCRBS/Mode S) Airborne Equipment
- TSO-C113a - Airborne Multipurpose Electronic Display
- TSO-C118 - Traffic Alert and Collision Avoidance System (TCAS) Airborne Equipment, TCAS I
- TSO-C128a - Devices that Prevent Blocked Channels Used in Two-Way Radio Communications Due to Unintentional Transmissions
- TSO-C146d - Stand-Alone Airborne Navigation Equipment Using the Global Positioning System (GPS) Augmented by the Wide Area Augmentation System (WAAS). Airborne Supplemental Navigation Equipment Using the Global Positioning System (GPS) - Gamma 3
- TSO-C147 - Traffic Advisory System (TAS) Airborne Equipment - Class A (Display Functions Only)
- TSO-C157a - Aircraft Flight Information Services – Broadcast (FIS-B) Datalink Systems and Equipment
- TSO-C165 - Electronic Map Display Equipment for Graphical Depiction of Aircraft Position
- TSO-C169a - VHF Radio Communications Transceiver Equipment Operating Within The Radio Frequency Range 117.975 To 137.000 Megahertz - Class C, E, 3 and 5