

Wulfsberg Series III™: DMS 44A Distance Measuring System



PRODUCT DESCRIPTION

The DMS 44A is an all-digital, triple channel scanning DME that can provide independent DME outputs for two DME indicators or EHSI/EHADI displays, while also providing another DME output for the Flight Management System. The third output can also provide a single DME readout to the FMS for Rho-Theta navigation. The unit can be tuned via ARINC 429 bus using individual control units, the Wulfsberg Series III RMS 555 Radio Management System, or with Flight Management Systems.

Features

- Simultaneous Scanning of Three Ground Stations
- 325 Watt Transmitter
- Nav Frequency Display in DME Hold Mode
- Optional Stand-alone Control Head (SD-422B)
- Continuous Self-test
- Built-in Diagnostics
- ARINC 429 Digital Data Bus Interface

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Specifications

FAA TSO	C66b
Power Requirements	27.5 Vdc Aircraft Power (+/- 20%)
Current Requirements	1.2 Amp Max
Weight	6.4 ±0.10 lbs (2.9 kg)
Temperature	-67°F to 158°F (-55°C to +70°C)
Altitude	55,000 ft (16,764 m)
Physical Dimensions	5.1 x 4.0 x 13.33 in. (129.54 x 101.6 x 338.58 mm)

Available Configurations (contact Wulfsberg for alternate configurations)

Configuration Variations	Description
066-1107-01	DM-441B DME, w/DME Hold
066-1107-11	DM-441B DME, Port Sensitive for MLS & EFIS Systems
066-1107-12	DM-441B DME, ARINC 429 & King Serial Bus Tuning
066-1107-21	DM-441B DME, ARINC 429 & King Serial Bus Tuning, HIRF/Lightning

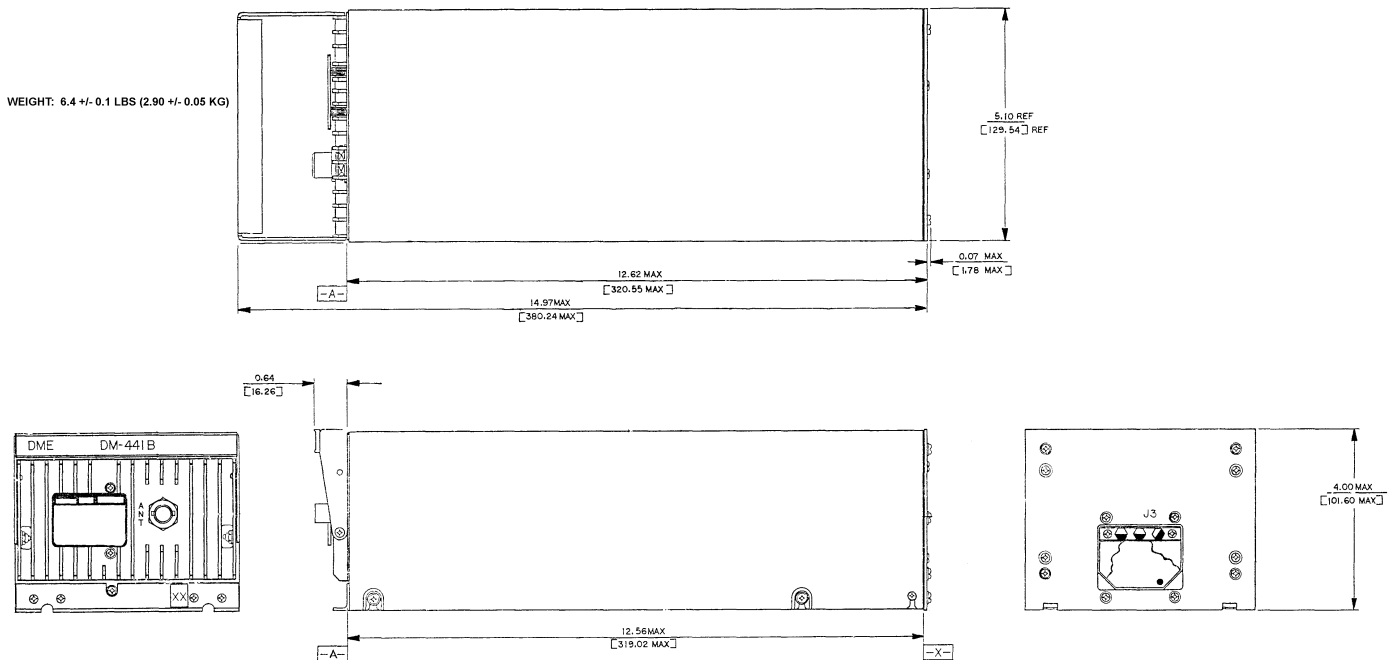


Figure 18. DM-441B Outline Drawing
Portions of Dwg No. 300-04243-0001