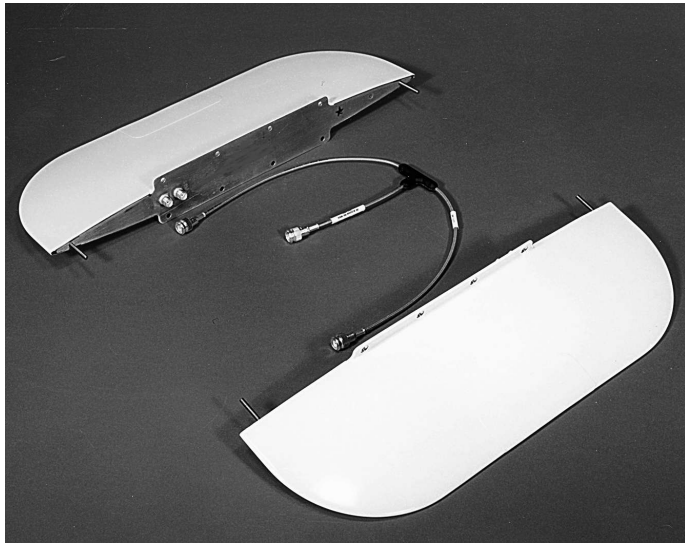


# NAVIGATION



## DM N4-45 VOR/LOC ANTENNA

The DM N4-45 continues the DM N4-15 tradition to provide superior VOR/ILS systems performance for high-performance aircraft where aerodynamic drag and weight must be held to a minimum.

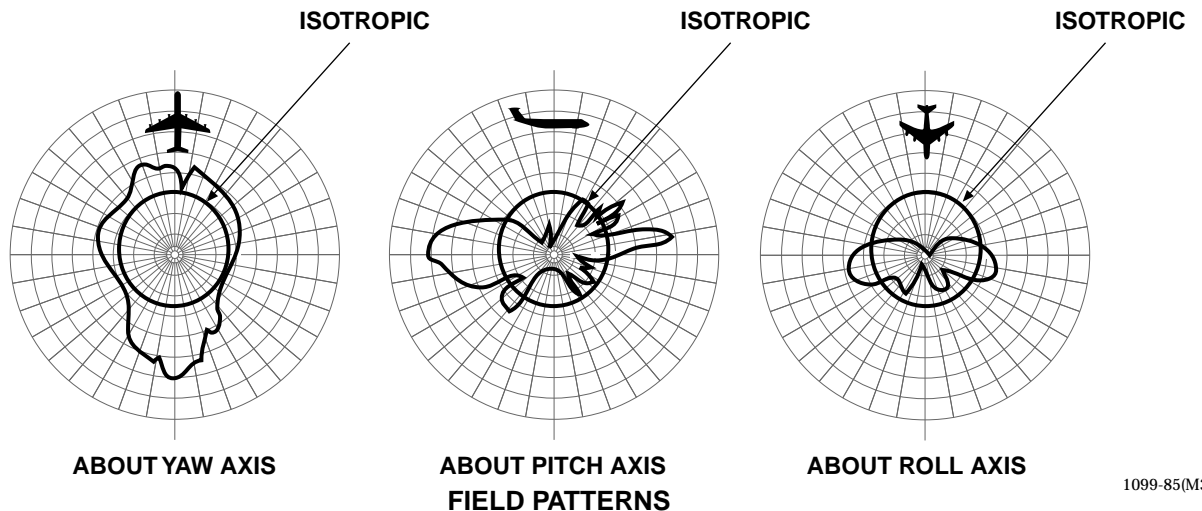
The DM N4-45 has been designed from the ground up to incorporate latest developments in structural materials, but retaining the electrical performance so many have come to expect from a balanced loop VOR/LOC antenna.

The complete DM N4-45 fit and function have not changed the form from that of the DM N4-15. While identical in all outward appearances, it incorporates a new integrated radiating boot material design for today's environment and to reduce costs.

### SPECIFICATIONS

ELECTRICAL	Frequency Range	108 – 118 MHz
	VSWR	5.0:1
	Polarization	Horizontal
	Impedance	50 Ohms
	Connectors	TNC Female
	Radiation Pattern	Omnidirectional

MECHANICAL	Weight	5.5 lbs (2.46 kg)
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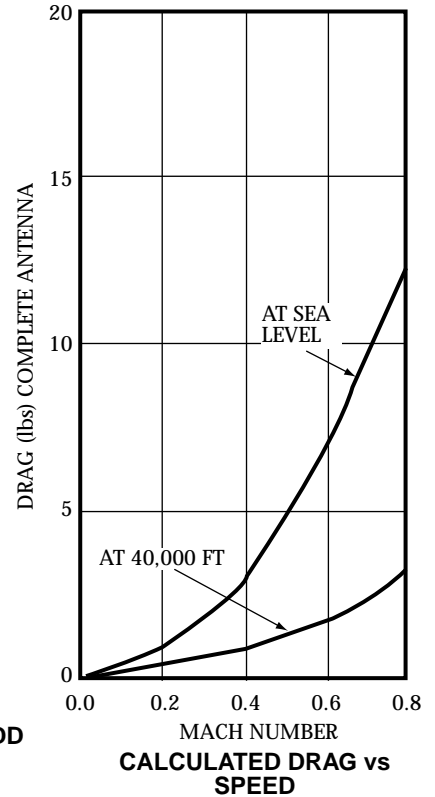
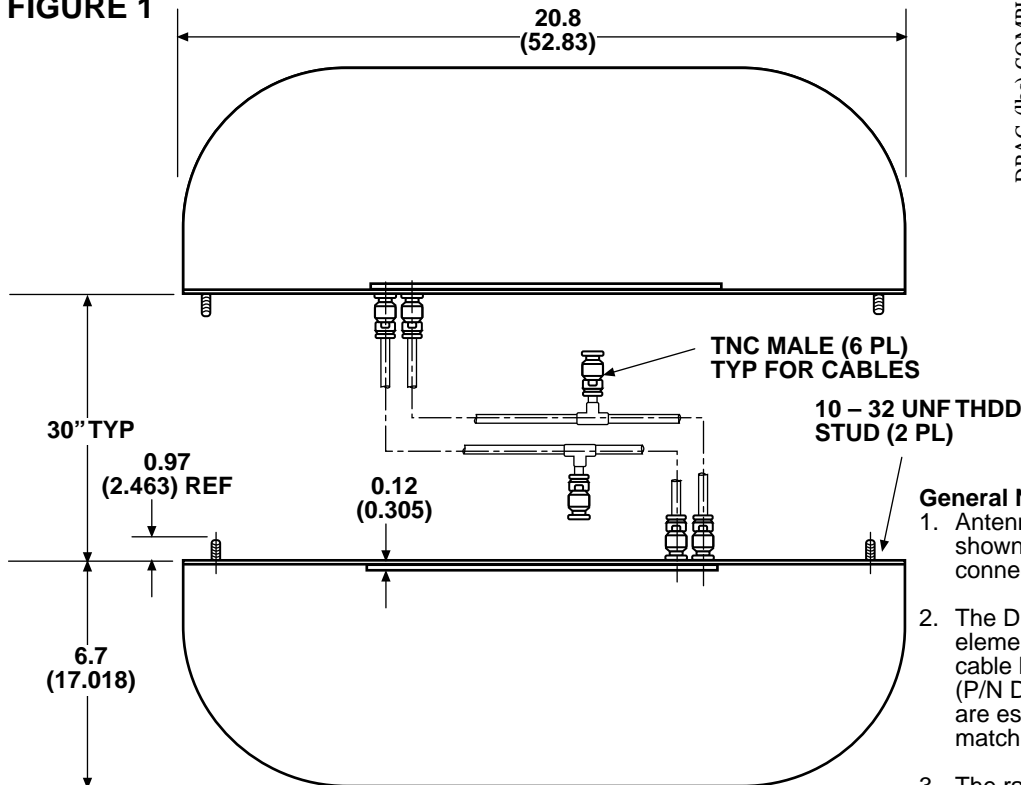


## DM N4-45 VOR/LOC ANTENNA

### OUTLINE DIMENSIONS

Inches (Centimeters)

FIGURE 1



### General Notes

1. Antenna half loops must be mounted as shown, i.e., connector(s) of one forward, connector(s) of other aft.
2. The DM N4-45 consists of two radiating elements (P/N DM N4-45-3) and two cable harness assemblies (P/N DM N4-45-5). The cable harnesses are essential parts of the antenna matching circuit.
3. The radiating elements of the DM N4-15 and the DM N4-45 are not interchangeable (a DM N4-15-3/( ) cannot be used with a DM N4-45-3). DM N4-15-5 or DM N4-15-11 cables are used with the DM N4-45 antenna.

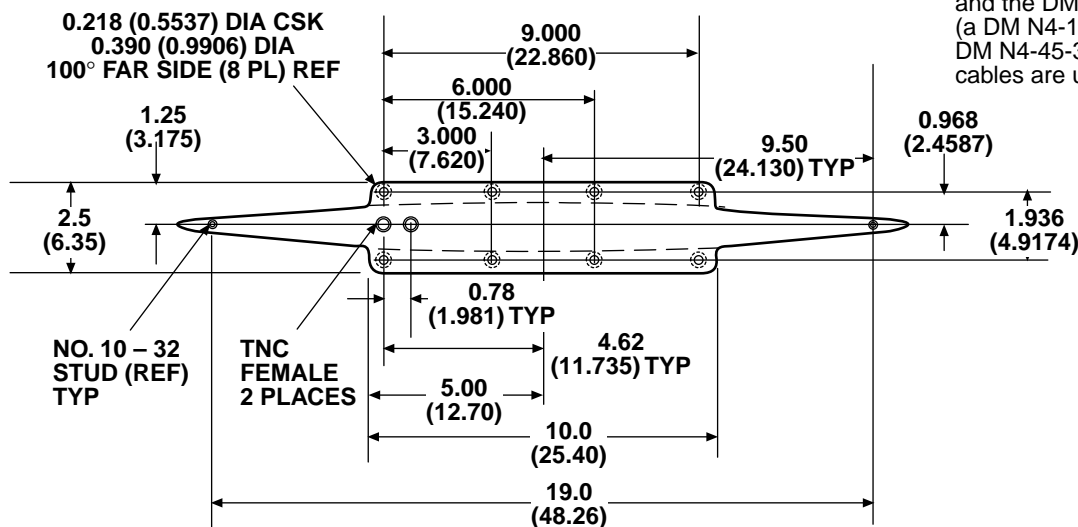


FIGURE 2