DM N4-17 SERIES VOR/LOC GLIDE SLOPE ANTENNA

The DM N4-17 VOR/LOC/Glide slope antenna is designed for general aviation, commercial, and military aircraft that operate up to Mach 1.0. The DM N4-17 is designed and qualified to provide a low-cost, lightweight, low-drag antenna for state-of-the-art avionics systems.

The antenna is not only T.S.O.'d, its performance parameters exceed the environmental specifications of MIL-E-5400 Class 3 equipment. Therefore, the DM N4-17 can be installed on single engine to jet engine aircraft.

The balanced loop design of the DM N4-17 assures an omnidirectional radiation pattern at the horizon to obtain the maximum signal for standard VOR and area navigation, which in turn provides more receiving distance and reliable system performance.

SPECIFICATIONS

ELECTRICAL

Frequency	VOR/LOC	108 – 118 MHz
	Glide slope	329 – 335.3 MHz
VSWR		5.0:1 max
Polarization		Horizontal
Gain		0 ±2 dB
Impedance		50 ohms
Radiation Pattern	VOR/LOC	Omnidirectional
	Glide slope	Forward Pointing
Lightning Protection		dc short

MECHANICAL

Weight	1.32 lbs
Connector	BNC Female
Side Load	17 psi
FAA Approval	C34e, C36e, C40c
Drag	See curve
D0138 ENV. CAT.	AA5XXXXXHDXS

1099-144/25(M15)

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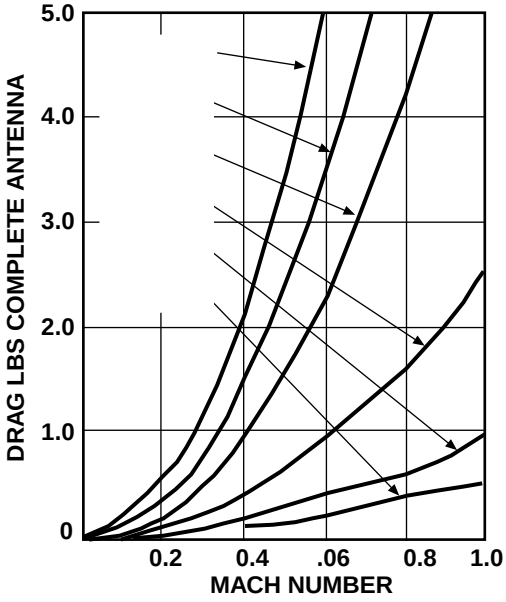

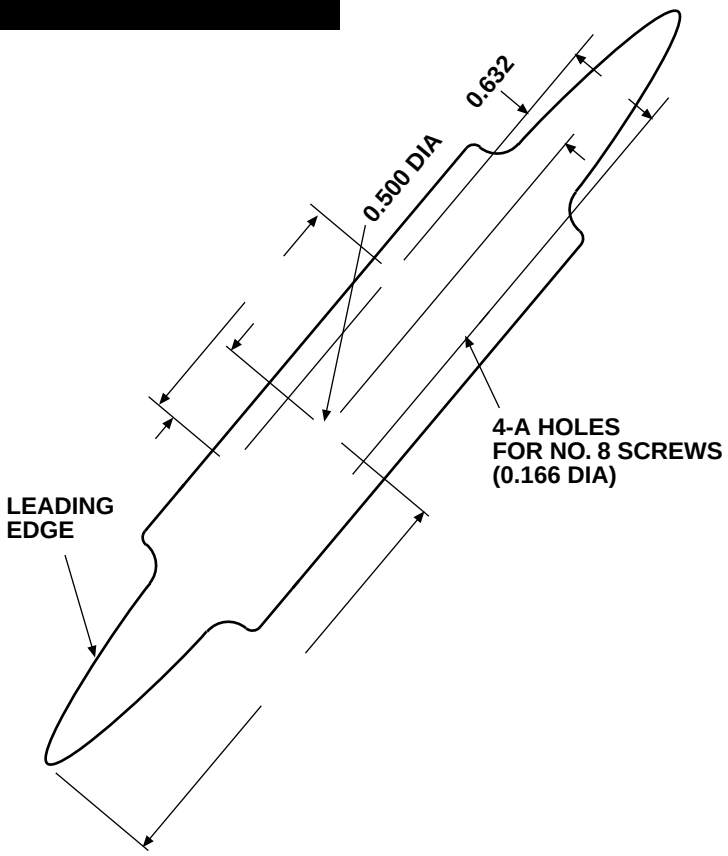

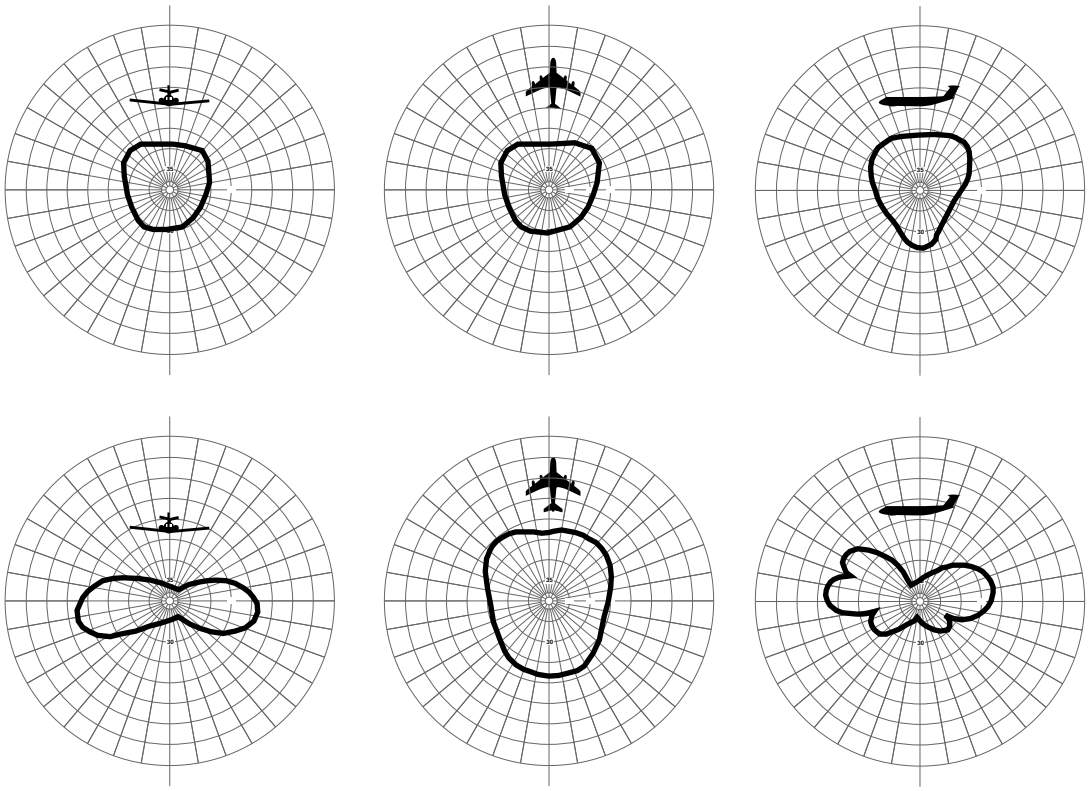

Reception patterns (approximate) of conventional V type antenna (top) and split loop (bottom). N4-17 Split loop has maximum sensitivity in and near horizontal plane where it is most wanted.

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