## **NAVIGATION**



## DM N56-1 VOR ANTENNA

The DM N56-1, designed for the Boeing 757 and 767 aircraft, provides a concept that can be incorporated in many aircraft designs to provide integral VHF navigation systems performance.

The DM N56-1 free standing, balanced-loop array is mounted on the tip of a vertical stabilizer and covered with a structural fiberglass housing forming the fin tip. This approach provides a lightweight antenna system utilizing available space for maximum efficiency.

The electrical design provides two receiver operation with performance assured for CAT. III conditions. The omnidirectional radiation patterns in the horizontal plane also assure signal levels are more than required for R-NAV systems use.

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rrequency kange	108 - 118 MHZ
VSWR	6.0:1
Impedance	50 Ohms
Polarization	Horizontal
Radiation Pattern	Omnidirectional
Isolation	8 dB
TSO	C40a, D0106A

MECHANICAL

Weight	5.25 lbs (2.34 kg)
Connectors	C Male
Part Number	26101318-1
Boeing Part Number	S220T114-101

ENVIRONMENTAL

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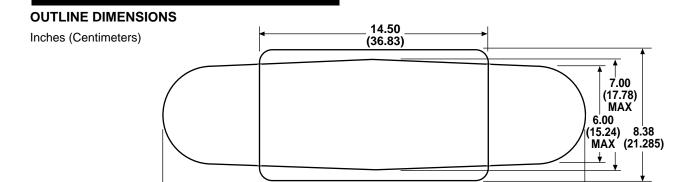
 $Specifications \ subject \ to \ change \ without \ notice.$ 





1000-169 (M86)

## DM N56-1 VOR ANTENNA



27.00 (68.58) MAX

