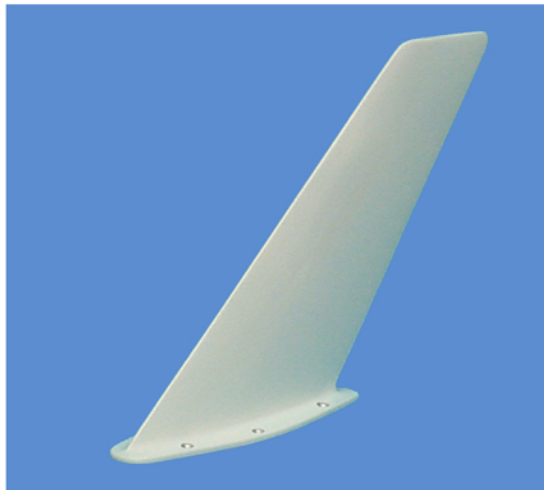




U.S. Patent No. 4,509,053

DESCRIPTION

S65-8280-10: Broad-band VHF blade antenna operating from 116 to 156 MHz. The antenna's all-metal construction provides lightning protection and eliminates "P" static. Hermetically-sealed and DC-grounded. Designed for commuter, corporate and business aircraft.

Interchangeable with Collins 37R-2, VC10-126, DMC 60 and other VHF antennas.

NSN: 5985-01-423-9975

FEDERAL & MILITARY SPECS: MIL-E-5400H, MIL-E-5272H, MIL-A-7772B (ASG), MIL-A-6271A, MIL-A-9094C, TSO C37b and C38b.

SPECIFICATIONS	
MODEL	S65-8280-10
ELECTRICAL	
Frequency	116-156 MHz
VSWR	≤2.0:1
Pattern	Omni/Az; Cos/El
Polarization	Vertical
Impedance	50 ohms
Power	250 Watts
Lightning Protection	DC grounded
MECHANICAL	
Weight	3.3 lbs.
Height	11.85 in.
Material	A356-T61 aluminum casting
Finish	Skydrol resistant epoxy enamel
Connector	Type BNC Female
Drag	1.5 lbs. M-85 @ 35,000 ft.
ENVIRONMENTAL	
Side Load	12 psi
Temperature	-100° F to +300° F
Vibration	14 Gs
Altitude	60,000 ft.

