

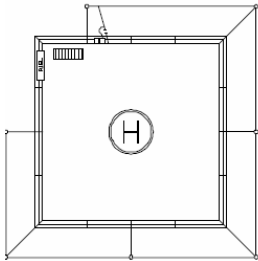


Helipad Antenna

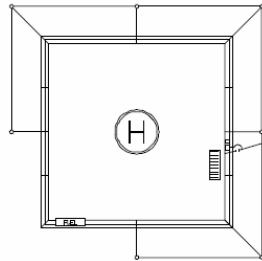
Part Number: SLF10022

SPECIFICATION SHEET

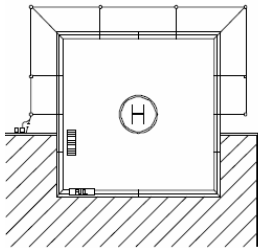
5055 Belmont, Beaumont, TX 77707
 Phone +409.842.1717/1.800.648.6158 (Toll Free in the US)
 Fax +409.842.2987
 sales@southernavionics.com



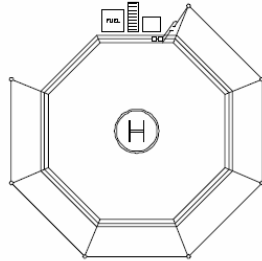
Square Helipad with End Fed Antenna Wire



Square Helipad with Center Fed Antenna Wire



Helipad Overhanging A Platform with an End Fed Antenna Wire



Octagon Helipad with End Fed Antenna Wire

FEATURE	SPECIFICATION
Wind Loading	152 mph (245km/hr)
Wind Survival	156 mph (70m/s)
Temperature Range	-50°C - +70°C
Frequency Range	190 - 535kHz, 535 - 1250kHz or 1500 - 1800kHz
Resonant Frequency	2.5 MHz - 4.5 MHz (varies with installed length)
Power Rating	250 Watts carrier, 1000 Watts PEP
Effective Resistance	10 Ohms overall
Antenna Capacitance	300 ft. (91.5m)=800 pF 164 ft. (50m)=400 pF (depends on installed length)
Polarization	Vertical
Pattern	Omnidirectional
Electrical Length	Depends on installed height above water
Electrical Standoff	All electrically (RF) hot conductors must be at least 1m from any structure
Ice Loading	Up to 0.4 in. (1cm) accumulation
Finish	Galvanized steel antenna structure; Stainless steel clamps; Phosphor Bronze radiator
Installed Weight	202 lbs (92kg)

Application:

The Helipad Antenna is a low frequency radiobeacon antenna designed for installation around the perimeter of the helicopter landing decks of offshore platforms and drilling ships. The kit includes 300 ft. (91.5m) Phosphor Bronze antenna wire, 9-1.3 ft. (.4m) silicone insulators, 8-7.7 ft. (2.3m) galvanized steel Insulator support poles and hardware.

The recommended distance between support arms is roughly 46 ft. (14m) apart for a 300 ft. (92m) antenna. Shorter lengths require fewer support poles. Support arms are required at each corner or angle of the deck.



Helipad Installation Kit

*Information provided is subject to change without notice

