

Heliport Systems Inc. Aluminum Helideck

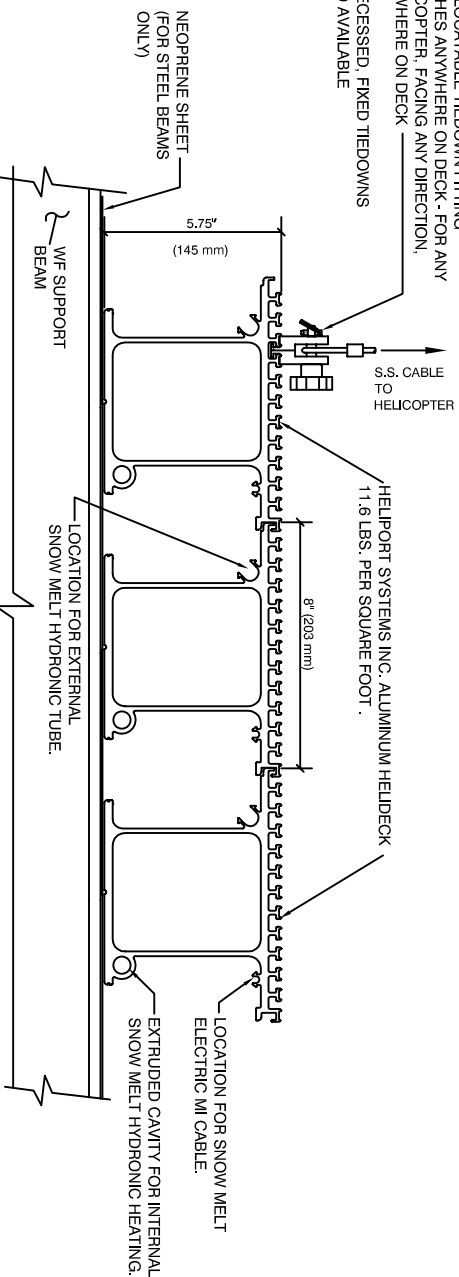
PROPERTIES (Alloy 6005=T5)

Area	= 6.81 in ²
Weight	= 7.88 lb/ft or 11.8 lb/ft ²
Ixx	= 33.65 in ⁴ or 50.45 in ⁴ /ft of deck
Sx top	= 14.03 in ³ or 20.95 in ³ /ft of deck
Sx bot	= 10.06 in ³ or 15.10 in ³ /ft of deck

BEAM SPAN	HELICOPTER WT. X 1.5 Impact
7'-6"	= 11,100 lbs x 1.5 = 16,650 lbs
12'-0"	= 12,300 lbs x 1.5 = 18,450 lbs
11'-0"	= 13,900 lbs x 1.5 = 20,850 lbs
10'-0"	= 17,100 lbs x 1.5 = 25,650 lbs
9'-0"	= 21,300 lbs x 1.5 = 31,950 lbs
8'-0"	= 22,900 lbs x 1.5 = 34,350 lbs
6'-0"	= 31,500 lbs x 1.5 = 47,250 lbs
4'-0"	= 44,000 lbs x 1.5 = 66,000 lbs

HELIPORT SYSTEMS INC.

1. RELOCATABLE TIEDOWN FITTING LATCHES ANYWHERE ON DECK - FOR ANY HELICOPTER, FACING ANY DIRECTION, ANYWHERE ON DECK
2. RECESSED, FIXED TIEDOWNS ALSO AVAILABLE



HELIDECK CROSS SECTION

NDT TD SCALE

SIGNIFICANT FEATURES

1. highest strength-to-weight
2. permits installation on buildings/oil rigs/ships
3. reduces amount of supporting beams
4. reduces shipping cost
5. extruded grooves in top surface provide:
 - non-skid landing/walking surface without coatings
 - channel rainwater/spilled fuel below top surface out of the wind, directly to gutter
6. provide infinite locations for tiedown fittings
7. relocatable tiedown fittings
 - can be located anywhere on helideck
 - fit any make/model of helicopter
8. permit helicopter to tiedown anywhere on helideck
9. facing any direction - important to PILOTS
10. fast, modular assembly in almost any weather
11. ideal for automatic snow/ice melting - Fast heat up. Unlike concrete, will never crack or spall.



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