


NO. 25G BRACKETED TOWERS - NO ICE

TOWER HEIGHT (FT)	BRACKET ELEVATION		ALLOWABLE ANTENNA AREAS (SQFT.)		
	UPPER (FT)	LOWER (FT)	70 MPH	80 MPH	90 MPH
40	30.0	15.0	15.3	11.3	7.7
50	36.0	18.0	14.6	10.0	6.8
60	46.0	23.0	14.0	8.9	5.9
70	56.0	28.0	13.5	8.3	5.5
80	66.0	33.0	13.1	7.7	5.0
90	66.0	33.0	6.8	4.9	---
100	66.0	33.0	1.7	---	---

1. TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANSI/EIA-222-F.
2. ALL TOWERS MUST HAVE "FIXED BASES". PINNED BASES MUST NOT BE USED.
3. DESIGN ASSUMES ONE 5/8" TRANSMISSION LINE ON EACH FACE, (TOTAL = 3), SYMMETRICALLY PLACED.
4. ANTENNAS AND MOUNTS ASSUMED SYMMETRICALLY PLACED AT TOWER TOP.
5. ALLOWABLE ANTENNA AREAS ASSUME ALL ROUND ANTENNA MEMBERS.
6. ALLOWABLE FLAT-PLATE ANTENNA AREAS, BASED ON EIA RS-222-C, MAY BE OBTAINED BY MULTIPLYING AREAS SHOWN BY 0.6.
7. DO NOT INSTALL OR DISMANTLE TOWERS WITHIN FALLING DISTANCE OF ELECTRICAL AND/OR TELEPHONE LINES.
8. TOWER ERECTION AND DISMANTLING MUST BE DONE BY QUALIFIED AND EXPERIENCED PERSONNEL.
9. INSTALL WARNING PLATE (P/N ACWS) IN A HIGHLY VISIBLE LOCATION.
10. ALL ANTENNA INSTALLATIONS MUST BE GROUNDED IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.
11. FOR FOUNDATION DETAILS, SEE DRAWING A871298.
12. ALL BRACKETS ARE TO BE P/N HBUTVRO PER DRAWING D850221.
13. THE INTERFACE OF TOWER BRACKETS TO SUPPORTING STRUCTURE IS TO BE DESIGNED "BY OTHERS" AND MUST SUPPORT A MINIMUM HORIZONTAL FORCE OF 815 POUNDS.

FILE NO. Standard-25G				
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
2	REDRAWN INTO AUTOCAD FORMAT DATE: Jun/11/2007	JDA	JDM	HA
DWG REFERENCE				
 6718 WEST PLANK ROAD PEORIA, IL 61604 TOLL FREE 800-727-ROHN				
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ERECTION PROFILE 25G BRACKETED TOWERS - NO ICE				
DWN:	RDM	CHK'D:	AED	DATE: Mar/17/1988
ENG'R:	WDU			
DRAWING NO:	A871302			REV: 2

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Erection