



GENERAL NOTES

- TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANS1.1 ALLOWABLE PROJ. AREA (50. FT.) FOR FLAT MEMBER ANTENNAS.
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- EQUIVALENT FLAT PLATE ANTENNA AREAS ARE BASED ON A 15-22-C.
- TOWER DESIGNS INCLUDE THREE SIDE ARMS, SYMMETRICALLY PLACED, HAVING A TOTAL EFFECTIVE PROJECTED AREA EQUAL TO 12.0 SQUARE FEET PER TOWER ARM DETAILS (P/N 01130). SEE DWG. C760571.
- DESIGNS ASSUME TWO 7/8" DIA. LINES ON EACH TOWER FACE.
- TOWER DESIGNS, 200 FEET AND OVER, INCLUDE 2.0 SQUARE FEET OF PROJECTED AREA FOR A BEACON (DEDUCT ONE 7/8" LINE FOR BEACON).
- ANCHOR RADIUS IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GROUND.

GENERAL NOTES

- TOWER DESIGNS AND GUY CHORD LENGTHS SHOWN ARE BASED ON LEVEL GROUND. ADD 6 PERCENT TO CHORD LENGTHS (FOR SAG AND CONNECTIONS) FOR FINAL CUT DEGREES. FAHRENHEIT.
- DO NOT INSTALL OR DISMANTLE TOWERS WITHIN FALLING DISTANCE OF ELEC- TON TOWER ERECTION AND DISMANTLING MUST BE BY QUALIFIED AND EXPERIENCED PERSONNEL.
- TEMPORARY STEEL GUYS, WHEN REQUIRED DURING ERECTION OR DISMANTLING, INSTALL WARNING PLATE (P/N AWS) IN A HIGHLY VISIBLE LOCATION.
- ALL ANTENNA INSTALLATIONS MUST BE GROUNDED IN ACCORDANCE WITH LOCAL EXTRA CABLE CODES. HAVE BEEN PROVIDED FOR TURNBUCKLE SAFETY REQUIRE- MENTS. FOR DETAILS SEE DWG. B660324 LATEST REVISION.
- FOR GUY HARDWARE INSTALLATION DETAILS SEE DWG. AB71362.

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TOWER HT.	BASE PIER		ANCHOR ROD SLOPE		ANCHOR DATA	
	REF. DWG.	NO.	REAC. LBS.	BLOCK NO.	ROD NO.	REAC. LBS.
100'		CB2	14,920	4D	SAC346510F	41.5
110'		CB2	16,100	4D	SAC346510F	41.5
120'		CB2	17,380	4E	SAC346510F	40.6
130'		CB2	18,630	4E	SAC346510F	40.6
140'		CB2	21,510	6A	SAC576510F	38.9
150'		CB3	22,630	6A	SAC576510F	38.7
160'		CB3	24,010	6B	SAC576510F	38.8
170'		CB3	26,920	6B	SAC576510F	39.0
180'		CB3	28,170	6B	SAC576510F	38.2
190'		CB3	30,430	6C	SAC576510F	38.4

REVISED PART NUMBERS	
No.	Revision Description
1-12-90	ACS
1-12-90	ACS

Scale: NONE		By: JFH		Date: 01-06-99	
Drawn: JFH		Rev: B		Chd By: Aged Bz	
Checked: SRH		SRH		4-9-99	
App. Eng.: TS		TS		4-9-99	
Parent File:		TS		4-9-99	

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ROHN

GUYING DETAILS FOR 100'-190' 65G TOWERS 90 MPH BASIC WIND SPEED (1/2" RADIAL ICE LOAD)

ENG. NO.: C981852
SHEET 1 OF 1



PARTS LIST FOR #65G GUYED TOWERS
90 MPH Basic Wind Speed (1/2" Ice)

TOWER HEIGHT	GA65GD	G.W. 1/4" EHS	G.W. 5/16" EHS	G.W. 3/8" EHS	G.W. 7/16" EHS	BG2144	BG2146	BG2147	BG2148	3/8" THH	7/16" THH	1/2" THH	9/16" THH	1/2TB E&J	5/8TB E&J	GAC 3/4TB E&J	GAC 3455 TOP	5755 TOP
100'	2	350'		400'		6		6		6		6		3	3		3	
110'	2	350'		450'		6		6		6		6		3	3		3	
120'	2		400'	500'			6	6			6	6			6		3	
130'	2		400'	550'			6	6			6	6			6		3	
140'	3	400'	500'	600'		6	6	6		6	6	6				9		3
150'	3	450'	500'	650'		6	6	6		6	6	6				9		3
160'	3	500'	550'	700'		6	6	6		6	6	6				9		3
170'	3	500'	600'		700'	6	6		6	6	6		6			9		3
180'	3		1150'		750'		12		6		12		6			9		3
190'	3		550'	650'	800'		6	6	6		6	6	6			9		3

Items shown above, plus one 65TG, one 15X16PP, one APL4HA, and required number of 6520G and 65G sections, are necessary for a complete 'ground' guyed tower. (Note: Cable clamps and extra wire have been provided for turnbuckle safety requirements.)

One or two anchor grounding (AGKE) kits, along with appropriate ground clamps, and two base grounding (BGKE) kits, as recommended by EIA, are included with the tower material.

Installation information and a safety package (part number ACWS) are also included with the tower material. The safety package consists of one anti-climb warning sign and two Danger - Watch for Wires labels along with other printed safety information.

All types of antenna installations should be thoroughly inspected by qualified personnel and re-marked with hazard and warning labels at least twice a year to insure safety and proper performance.