



- GENERAL NOTES**
1. TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANS/11A/ETA-222-F-1996 (NO ICE).
 2. ALLOWABLE PROJ. AREA (SQ. FT.) FOR ROUND MEMBER ANTENNAS. EQUIVALENT FLAT-PLATE ANTENNA AREAS BASED ON MEMBER 2X1/2". MUST NOT EXCEED THE AREAS SHOWN FOR FLAT MEMBER ANTENNAS.
 3. TOWER DESIGNS INCLUDE THREE SIDE ARMS, SYMMETRICALLY PLACED FEET FROM SIDE ARM DETAILS (P/N D1130). SEE DWG. C760371.
 4. LATEST REVISION, NO 7/8" DIA. LINES ON EACH TOWER FACE FOR BEACON). TOWER DESIGN IS 200 FEET AND OVER IN DIAMETER (EFFECTIVE PROJECTED AREA FOR A BEACON DEDUCT ONE 7/8" LINE FOR BEACON).
 5. TOWER DESIGN IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GROUND.
 6. TOWER DESIGN IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GROUND.
 7. TOWER DESIGN IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GROUND.

8. 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 LENGTHS. () INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 60 DEGREES. () INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 60 DEGREES. () INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 60 DEGREES. () INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 60 DEGREES.
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13. TOWER DESIGN IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GROUND.
14. TOWER DESIGN IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GROUND.
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TOWER HT.	BASE PIER		ANCHOR DATA		ANCHOR ROD SLOPE		REAC. LBS.	
	REF. DWG.	NO.	REF. DWG.	NO.	ROD NO.	ROD ANGLE	SLOPE HOR.	SLOPE VERT.
100'	12,290	40	3AC348510F	41.8	12	10.7	5,820	5,200
110'	13,540	40	3AC348510F	42.2	12	10.9	6,310	5,720
120'	14,610	4E	3AC348510F	41.2	12	10.5	7,080	6,200
130'	15,590	4E	3AC348510F	41.2	12	10.5	7,520	6,590
140'	17,160	4E	3AC348510F	40.6	12	10.3	8,520	7,310
150'	18,220	6A	3AC566510F	40.4	12	10.2	9,090	7,750
160'	19,420	6A	3AC566510F	39.7	12	10.0	9,960	8,280
170'	20,430	6A	3AC566510F	39.5	12	10.0	10,530	8,700
180'	21,570	6A	3AC566510F	39.5	12	10.0	11,140	9,190
190'	22,740	6A	3AC566510F	39.5	12	10.0	11,770	9,690

Revision Description

Scale: NONE

Drawn: JHW 01-08-99

Checked: [Signature] 3/1/01

App. Eng.: [Signature] 7/19/99

Parent File:

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ROHN

GUYING DETAILS FOR 100'-190' 65G TOWERS 110MPH BASIC WIND SPEED (NO ICE)

ENG. NO.: C981893

DWG. NO.: C981893

SHEET 1 OF 1

**PARTS LIST FOR #65G GUYED TOWERS**
110 MPH Basic Wind Speed (No Ice)

TOWER HEIGHT	GA65GD	G.W. 3/16" EHS	G.W. 1/4" EHS	G.W. 5/16" EHS	G.W. 3/8" EHS	BG2142	370023 GC65136 (KITS) BG2144	370025 GC65128 (KITS) BG2146	370027 GC65264 (KITS) BG2147	5/16" THH	3/8" THH	7/16" THH	1/2" THH	1/2TB E&J	5/8TB E&J	GAC 3455 TOP	GAC 5655 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	3	6	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		550'	650'	750'		6	6	6		6	6	6		9		3
190'	3		550'	650'	800'		6	6	6		6	6	6		9		3

Items shown above, plus one 65TG, one 15/16X16PP, 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 (AGK1G) kits, along with appropriate ground clamps, and two base grounding (BGKE1G) 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.