



TOWER ASSEMBLY NUMBER	TOWER HEIGHT (FEET)	TOP SECTION	BASE SECTION		ALLOWABLE PROJECTED AREA (SQ. FT.)		BASE REACTIONS						
			PART NO.	# A-BOLTS 1/2 REQ'D	FACE SPREAD	TOWER TOP ROUNDS OR FLATS	30 FEET BELOW TOP ROUNDS OR FLATS	DOWNLOAD (POUNDS)	UPLIFT (POUNDS)	TOTAL SHEAR (POUNDS)	OTM (FOOT POUNDS)		
SS040D70EXC	40	1W	2W	SB2	1' 6"	8.3	5.0	13.3	8.0	10,550	10,010	640	13,320
SS060D70EXC	60	1W	3WN	SB3	1' 10"	7.5	4.5	12.5	7.5	17,540	16,780	760	27,100
SS080D70EXC	80	1W	4N	SB4	2' 2"	6.7	4.0	11.7	7.0	24,620	23,500	960	45,050
SS100D70EXC	100	1W	5N	SB5	2' 6"	5.8	3.5	10.8	6.5	31,980	30,450	1,180	67,320
SS120D70EXC	120	1W	6N	5/8X42AB	4' 6 1/4"	5.8	3.5	10.0	6.0	26,490	24,580	1,750	99,820
SS140D70EXC	140	1W	7N	5/8X42AB	6' 6 3/4"	5.8	3.5	9.2	5.5	27,040	24,700	2,430	145,530
SS160D70EXC	160	1W	8N	5/8X42AB	8' 6 3/4"	5.0	3.0	8.3	5.0	29,350	26,490	3,220	204,950
SS180D70EXC	180	1W	9N	5/8X42AB	10' 6 3/4"	5.0	3.0	7.5	4.5	33,510	30,110	4,150	288,180

* ANCHOR BOLTS OR BASE PART NO.

GENERAL NOTES

1. TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANSI/EIA-222-E-1991 (NO ICE).
2. EQUIVALENT FLAT-PLATE ANTENNA AREAS, BASED ON EIA RS-222-C, MUST NOT EXCEED THE AREAS SHOWN FOR FLAT MEMBER ANTENNAS.
3. TOWER DESIGNS ASSUME ALLOWABLE PROJECTED AREAS ARE SYMMETRICALLY PLACED ON THE TOWER.
4. DESIGNS ASSUME ONE 7/8 LINE TO TOP AND TWO 7/8 LINES TO 30 FEET BELOW TOP, ONE PER FACE.
5. DO NOT INSTALL OR DISMANTLE TOWERS WITHIN FALLING DISTANCE OF ELECTRICAL AND/OR TELEPHONE LINES.
6. TOWER ERECTION AND DISMANTLING MUST BE BY QUALIFIED AND EXPERIENCED PERSONNEL.
7. INSTALL WARNING PLATE (P/N ACW5) IN A HIGHLY VISIBLE LOCATION.
8. ALL ANTENNA INSTALLATIONS MUST BE GROUNDED IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.
9. FOR SECTION ASSEMBLY DETAILS AND PART NUMBERS SEE DRAWING E690800.
10. FOR ADDITIONAL BRACING, GROUTING AND DRAINAGE DETAILS SEE DRAWING SK720305.
11. FOR TAPERED TOP DETAILS SEE DRAWING SK670407.
12. ALL TOWERS PROVIDED WITH (P/N ITT) TAPERED TOP.
13. FOR STEP BOLT DETAILS SEE DRAWING B651264.
14. FOR FOUNDATION DETAILS SEE DRAWING DB70480.

RI EIA-222-E-1991 WAS EIA-222-D	11-27-91	RKB	LD	-TS
No. Revision Description	Date	Rev. By	Chk. By	App. By
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Scale: NONE	By: RKB	Date: 12-9-88	Title: R O H N	
Drawn: RKB	Checked: GPM	12-14-88	40' - 180' MODEL SSV TOWERS	
App. Eng.: RKM	App. Eng.: RW	12-21-88	70MPH WIND SPEED ANSI/EIA 222 E	
App. Scribe: RW	ENG. FILE:	12-22-88	DRAWING NO.: C881239 RI	