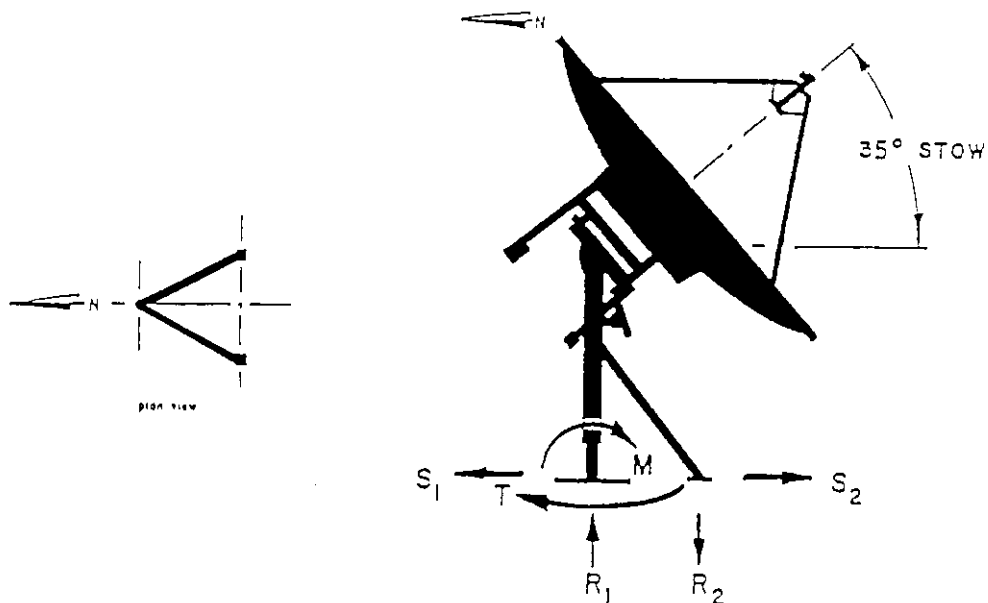


## 3.8 METER INCLINED ORBIT MOUNT (WITH HIGH WIND BRACES)



### Reactions

Antenna Position	Wind Speed	S1 (Lbs)	S2 (Lbs)	R1 (Lbs)	Uplift		Download		M (Ft-Lbs)	T (Ft-Lbs)
					R2 (Lbs)	R1 (Lbs)	R2 (Lbs)			
Any	70 MPH	1,572	3,840	1,015	2,991	3,726	2,991	11,692	2,306	
Stow	90 MPH	2,723	2,793	1,576	2,162	7,862	1,122	17,104	2,669	
Stow	120 MPH	4,840	4,966	2,801	3,844	13,976	1,994	30,407	4,745	

**NOTES:**

1. Loads are peak and do not occur simultaneously.
2. Antenna should be stowed for winds above 75 MPH.

\* Total moment on pad.

\*\* " torque " "