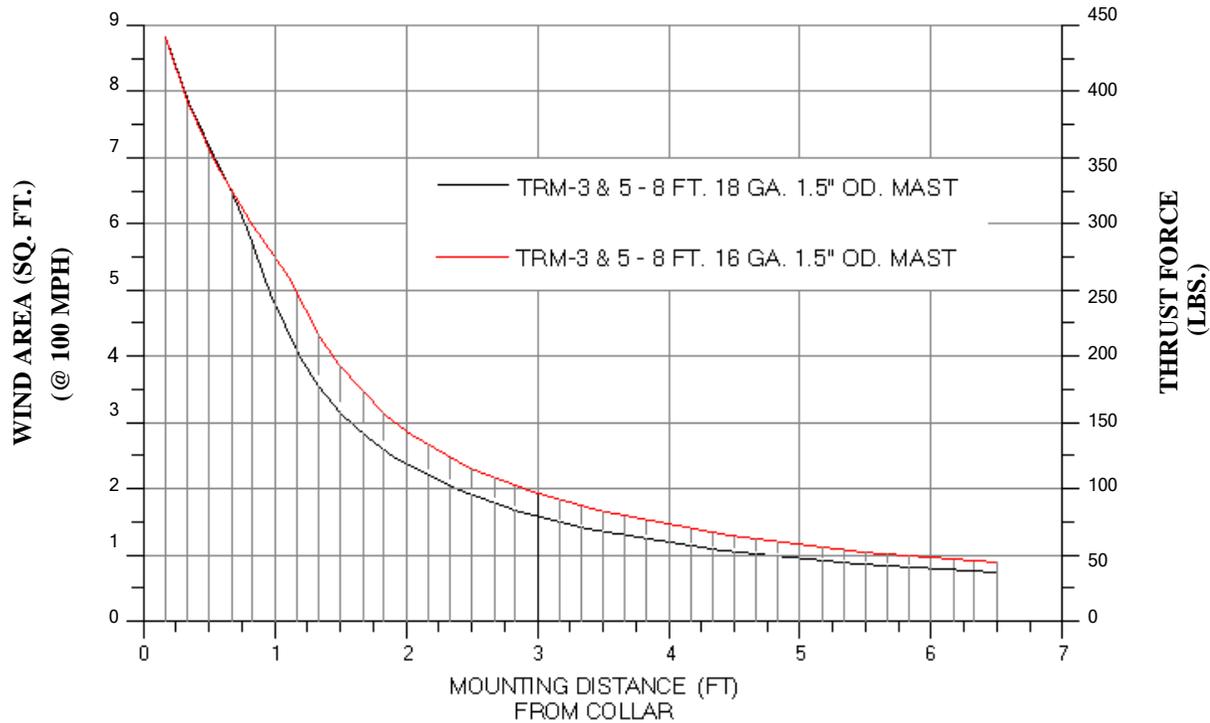


THRUST FORCE & SURFACE AREA  
VS.  
MOUNTING DISTANCE FROM COLLAR



**Example using the chart:**

- If the wind area of your device is 3 ft<sup>2</sup> and the wind survival expectation of your system is 100 MPH, follow the chart from the right at 3 ft<sup>2</sup> to its intersection with the line representing the mast gauge that you are using. At 3ft<sup>2</sup> using 16 gauge, mount your device no higher than 1.9 ft. from the tripod collar. Using 18 gauge, mount your device no higher than 1.6 ft. from the collar.
- If the wind survival expectations of your system are different than 100 MPH, it is possible to calculate thrust force based on wind area, air density, and wind velocity. Knowing the thrust force, follow the chart from the left to the appropriate mast size as described above to ascertain the maximum mounting distance allowable from the tripod collar

**WARNING!**  
CONSULT A QUALIFIED ENGINEER REGARDING ROOF LOAD CAPACITIES PRIOR TO INSTALATION OF THIS MOUNT.  
FAILURE TO ASSESS THIS HAZARD MAY RESULT IN SERIOUS INJURY OR DEATH.

