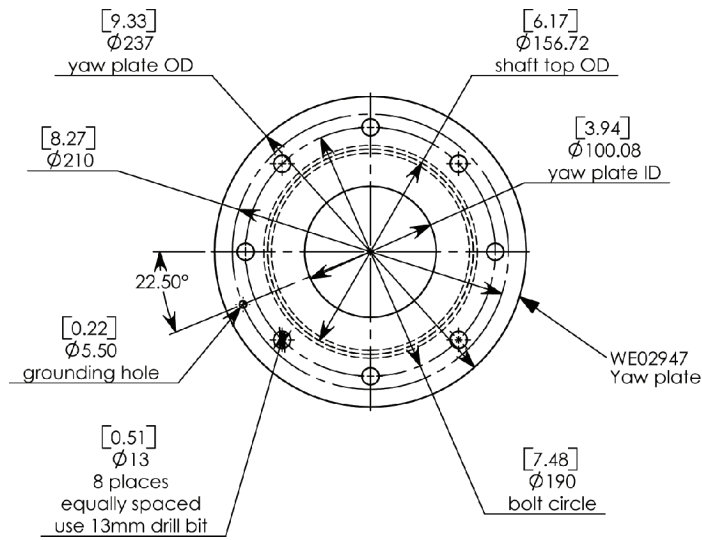
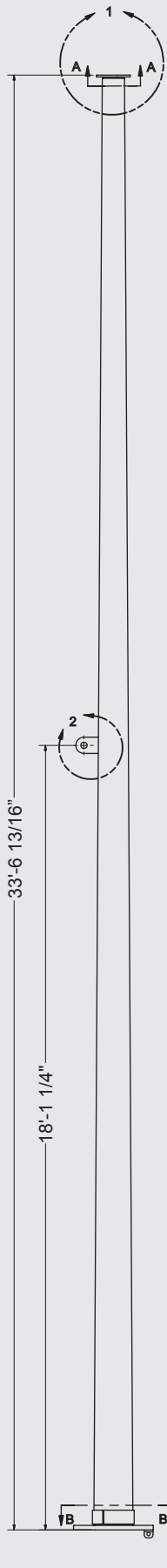
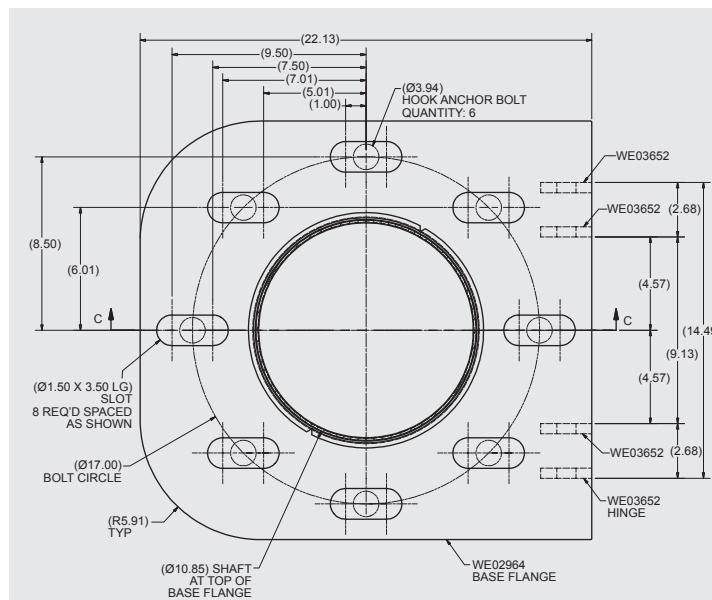


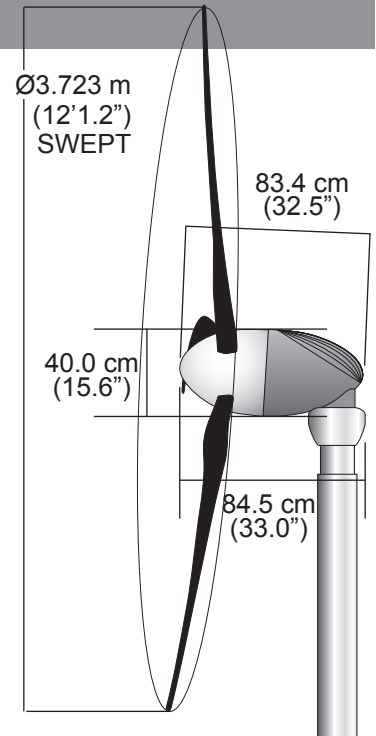
# Skystream - 1.8 kW Wind Turbine



## Tower Top



## Tower Base



## Dimensions

Prop Tip to Center of Tower: 780mm/30.7 in.  
 Minimum Tip Clearance: 690mm/27.16 in.  
 Max Tower Diameter at Tip: 171mm/6.75 in.

## Wiring

Recommended Wire:  
 90C (UL) Water Resistant or equivalent

## Tower & Wind Generator Loading Specifications

Tower:	Freestanding Tapered Tubular Steel with Galvanized Finish
Tower Weight:	549 lbs/249.2 kg
<b>Bottom of Tower Forces</b>	
Center of Gravity:	400mm from center of tower
Axial Force:	3376 N (force due to tower and generator weight)
Overturing Bending Moment:	35611 Nm (includes wind loads)
Shear Force:	3851 N (includes wind loads)
<b>Top of Tower Forces</b>	
Thrust Load:	Average: 704
Design Shear Force:	2802 N (top of tower)
Peak Bending Moment:	1532 Nm
Downward Axial Force:	932 N (top of tower)