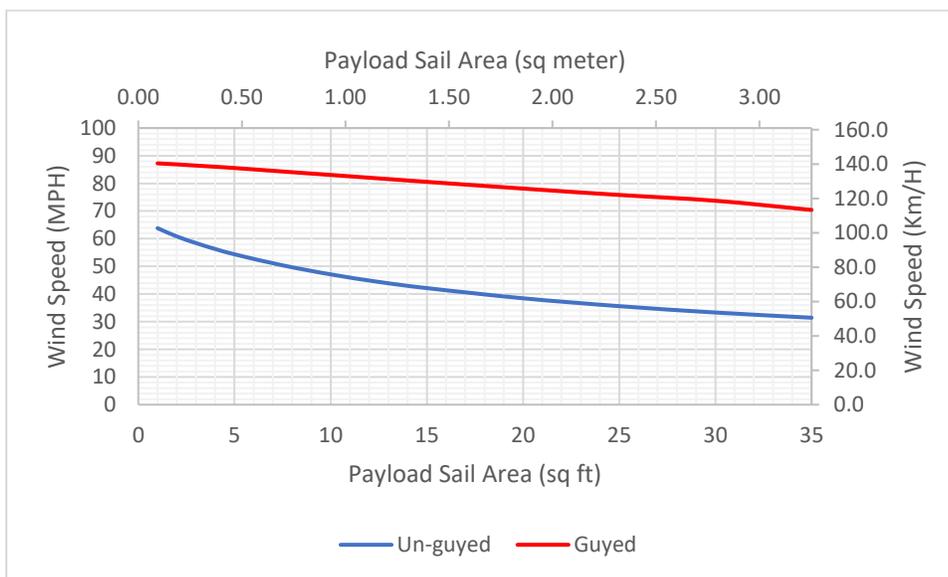


## 11.5-76 Super Heavy Duty Locking Pneumatic Mast

### Survival Wind Speed Performance Curve



#### Mast

- 11.5-76 SHDL Pneumatic Mast
- Nest Height = 11 ft 6 in [3.50 m]
- Fully Extended Height = 76 ft 1 in [23.20 m]
- No of Tubes = 9
- Tube Set = 4.50" – 11.25"
- Max Payload Capacity = 400 lbs. [181.4 kg]

#### Guying Kit

- WB P/N: 4055801
- 4L/4W guying to platform and 5.25", 6.75" and 8.25" collars
- 50ft [15.24 m] and 76ft [23.20 m] Guying Radius
- 3/16" steel guy lines
- (4) 6" Screw Anchors

#### Survival Wind Speed Assumptions

- Payload Weight = 400 lbs. [181.4 kg]
- Payload Coefficient of Drag = 1.3
- Payload centroid is on mast axis and 12" [304.8 mm] above top of mast
- Mast securely constrained at bottom of mast as well as approximately 5" [127 mm] below collar of base tube by WB supplied hardware or equivalent
- 0 degree mast base deployment angle
- All wind speeds measured at ground level
- Cabling is secured together and fixed to the mast
- Survival wind speed will be reduced for increasing payload centroid distance above top of mast
- This analysis does not include any evaluation of the stability of a trailer, the trailer, outriggers, and anchors are assumed fixed.

The mast performance values in this report represent a theoretical prediction of mast performance based on available payload details. Actual mast performance may vary.