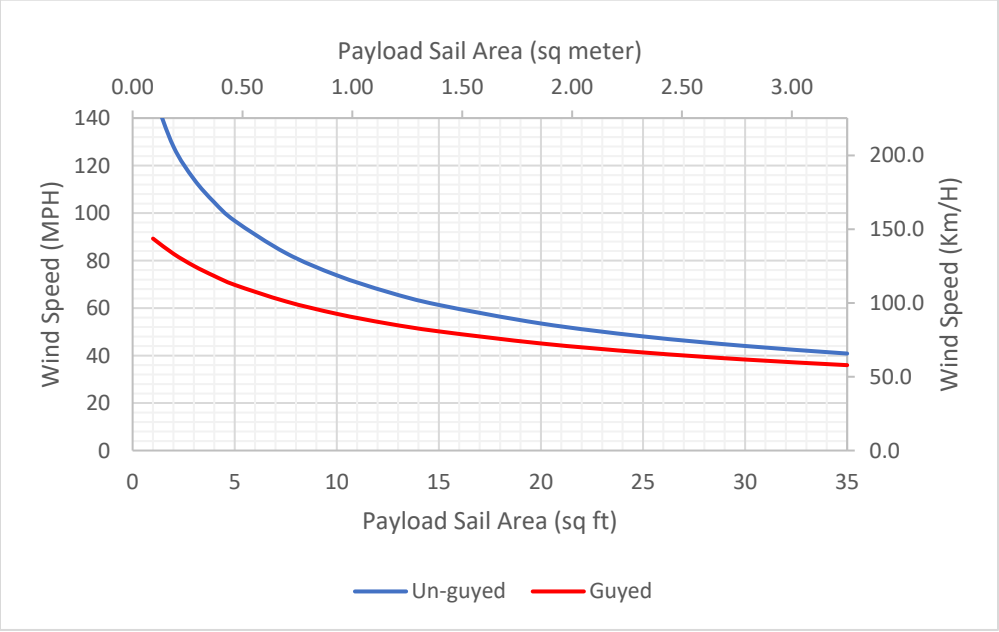
6-25 Heavy Duty
Locking Pneumatic Mast
Survival Wind Speed
Performance Curve



Mast	Guying Kit

• 6-25 HDL Pneumatic Mast
  • Nest Height = 6 ft 1 in [1.86 m]
  • Fully Extended Height = 25 ft 1 in [7.65 m]
  • No of Tubes = 6
  • Tube Set = 3.00" – 6.75"
  • Max Payload Capacity = 200 lbs. [90.7 kg]
	• WB P/N: 906236
	• 1-level, 4-way guying to Platform
	  • Used only 1 of 2 levels
	• 25ft [7.62 m] guying radius
	• 1/4" Kevlar Guy Lines Kevlar Guy Lines
	• (4) Guy-stakes

Survival Wind Speed Assumptions

- Payload Weight = 200 lbs. [90.7 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.