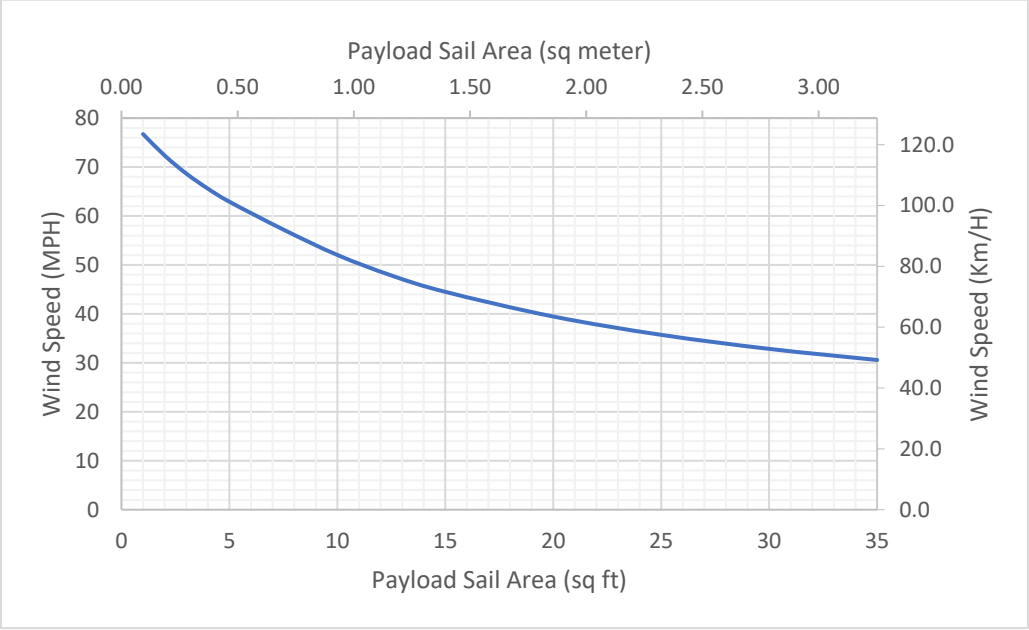
9.5-56 Heavy Duty
Non-Locking Pneumatic Mast
Survival Wind Speed
Un-Guyed Performance Curve



Mast	No Guying Available
• 9.5-56 HDNL Pneumatic Mast • Nest Height = 9 ft 5 in [2.86 m] • Fully Extended Height = 56 ft 2 in [17.12 m] • No of Tubes = 8 • Tube Set = 3.75" – 9.00" • Max Payload Capacity = 300 lbs. [136.1 kg]	

Survival Wind Speed Assumptions

- Payload Weight = 300 lbs. [136.1 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.