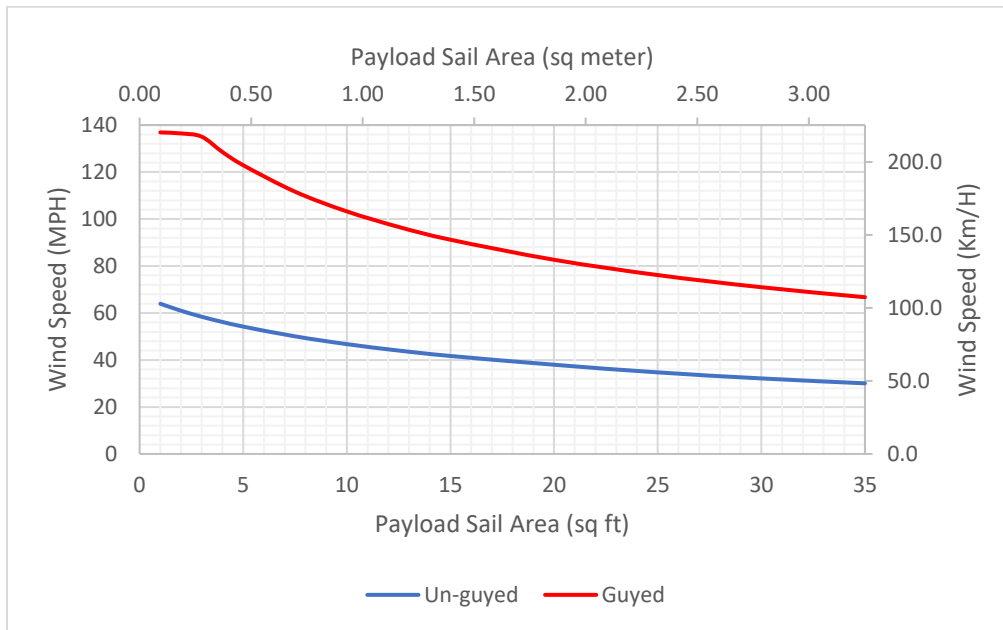


## 10.8-76 Super Heavy Duty Locking Pneumatic Mast Survival Wind Speed Performance Curve



<p><b><u>Mast</u></b></p> <ul style="list-style-type: none"> <li>• 10.8-76 SHDL Pneumatic Mast</li> <li>• Nest Height = 10 ft 11 in [3.33 m]</li> <li>• Fully Extended Height = 76 ft 1 in [23.19 m]</li> <li>• No of Tubes = 10</li> <li>• Tube Set = 3.75" – 11.25"</li> <li>• Max Payload Capacity = 300 lbs. [136.1 kg]</li> </ul>	<p><b><u>Guying Kit</u></b></p> <ul style="list-style-type: none"> <li>• WB P/N: 910917</li> <li>• 2-level, 4-way guying to platform and 5.25" collar</li> <li>• 75ft [22.86 m] Guying Radius</li> <li>• 3/16" steel guy lines</li> <li>• (4) 6" Screw Anchors</li> </ul>
<p><b><u>Survival Wind Speed Assumptions</u></b></p> <ul style="list-style-type: none"> <li>• Payload Weight = 300 lbs. [136.1 kg]</li> <li>• Payload Coefficient of Drag = 1.3</li> <li>• Payload centroid is on mast axis and 12" [304.8 mm] above top of mast</li> <li>• 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</li> <li>• 0 degree mast base deployment angle</li> <li>• All wind speeds measured at ground level</li> <li>• Cabling is secured together and fixed to the mast</li> <li>• Survival wind speed will be reduced for increasing payload centroid distance above top of mast</li> <li>• This analysis does not include any evaluation of the stability of a trailer, the trailer, outriggers, and anchors are assumed fixed.</li> </ul>	

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