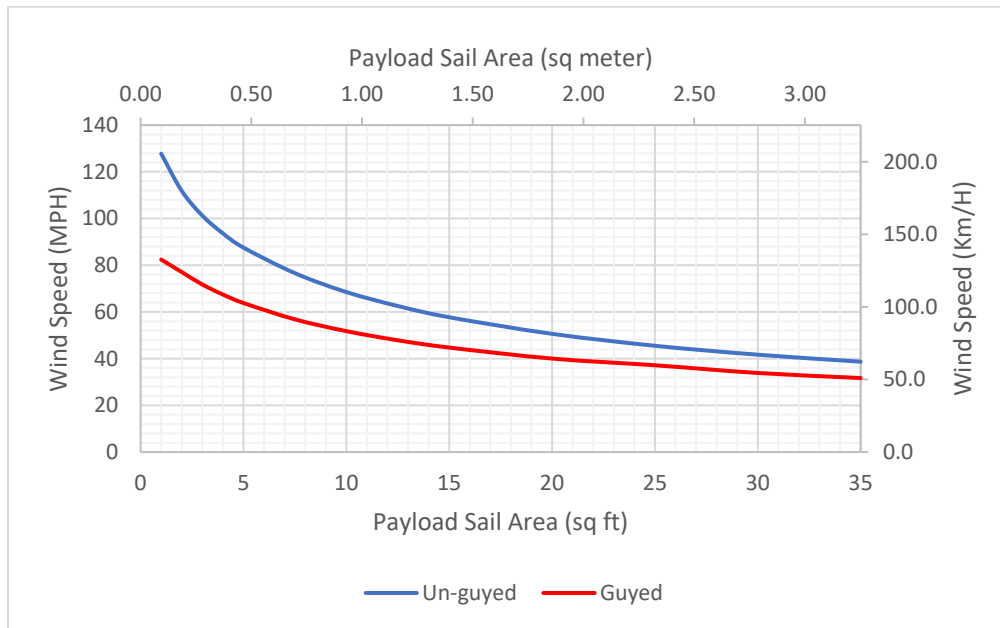


## 7-30 Heavy Duty Locking Pneumatic Mast Survival Wind Speed Performance Curve



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| <p><b><u>Mast</u></b></p> <ul style="list-style-type: none"> <li>• 7-30 HDL Pneumatic Mast</li> <li>• Nest Height = 7 ft 0 in [2.12 m]</li> <li>• Fully Extended Height = 29 ft 2 in [8.89 m]</li> <li>• No of Tubes = 6</li> <li>• Tube Set = 3.00" – 6.75"</li> <li>• Max Payload Capacity = 200 lbs. [90.7 kg]</li> </ul>   | <p><b><u>Guying Kit</u></b></p> <ul style="list-style-type: none"> <li>• WB P/N: 906162</li> <li>• 2-level, 4-way guying to 3.75" and 5.25" collars</li> <li>• 30ft [9.14 m] guying radius</li> <li>• 1/4" Kevlar Guy Lines Kevlar Guy Lines</li> <li>• (4) Arrowhead Anchors</li> </ul> |
| <p><b><u>Survival Wind Speed Assumptions</u></b></p> <ul style="list-style-type: none"> <li>• Payload Weight = 200 lbs. [90.7 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.