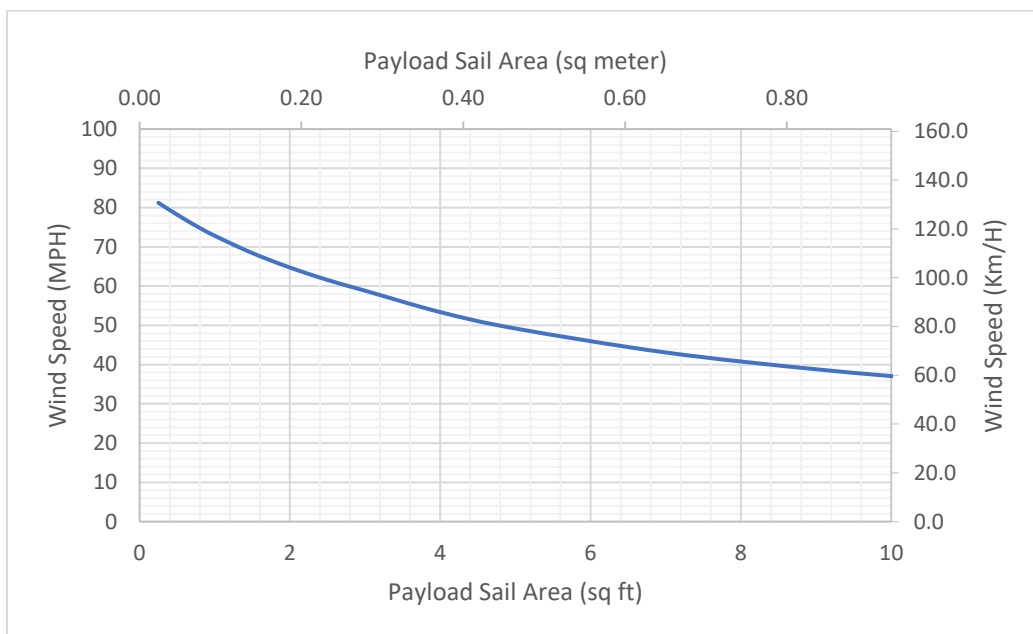


## 7-34 Standard Duty Non-Locking Pneumatic Mast Survival Wind Speed Un-Guyed Performance Curve



<p><u>Mast</u></p> <ul style="list-style-type: none"> <li>• 7-34 STDNL Pneumatic Mast</li> <li>• Nest Height = 6 ft [2.12 m]</li> <li>• Fully Extended Height = 33 ft 10 in [10.3 m]</li> <li>• No of Tubes = 7</li> <li>• Tube Set = 2.00" – 5.00"</li> <li>• Max Payload Capacity = 40 lbs. [18.2 kg]</li> </ul>	<p><u>No Guying Available</u></p>
<p><u>Survival Wind Speed Assumptions</u></p> <ul style="list-style-type: none"> <li>• Payload Weight = 40 lbs. [18.2 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 33 ft above 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.