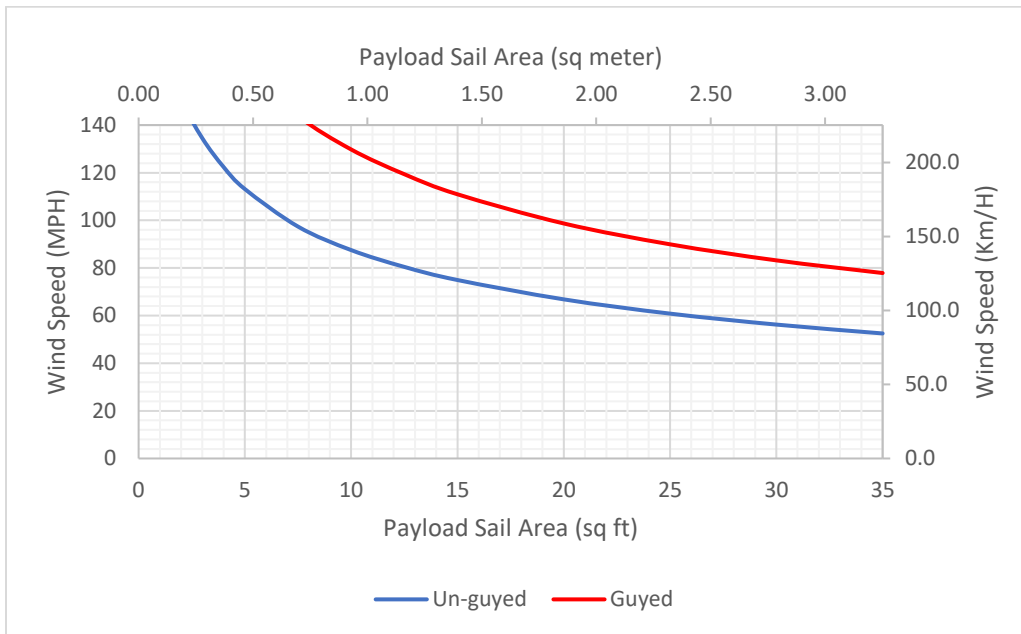


7-32 Heavy Duty Locking Pneumatic Mast Survival Wind Speed Performance Curve



<p><u>Mast</u></p> <ul style="list-style-type: none"> • 7-32 HDL Pneumatic Mast <ul style="list-style-type: none"> • Nest Height = 7 ft 2 in [2.19 m] • Fully Extended Height = 31 ft 6 in [9.6 m] • No of Tubes = 7 • Tube Set = 4.50" – 9.00" • Max Payload Capacity = 400 lbs. [181.4 kg] 	<p><u>Guying Kit</u></p> <ul style="list-style-type: none"> • WB P/N: 5512601 • 1-level, 4-way guying to platform • 30ft [9.14 m] guying radius • 3/16" steel guy lines • (4) 6" Screw Anchors
<p><u>Survival Wind Speed Assumptions</u></p> <ul style="list-style-type: none"> • Payload Weight = 400 lbs. [181.4 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.