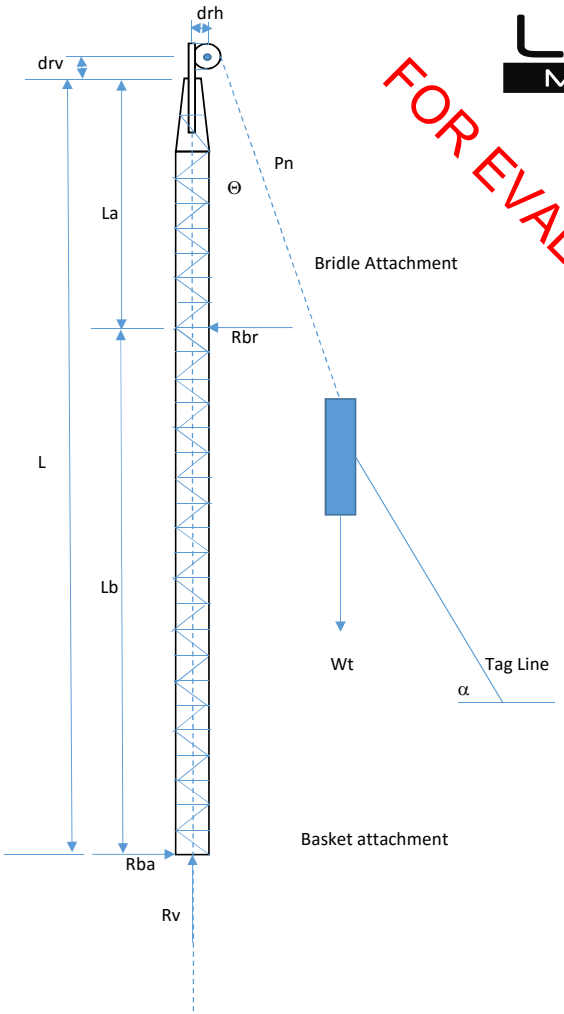
CHARTS ARE POLE SPECIFIC

SERIAL NUMBER _____

Title: 12 inch Triangular Gin Pole
30 ft long w/40% Cantilever (12 ft)
Legs: Pipe 1-1/4" Shedule 40 - 50 ksi Min Yield
Lacing: Pipe 3/8" schedule 40 - 50 ksi Min Yield

By: B.Bayless
Gin Pole Model: PT12-30
Length: 30 ft **Class:** C
Date: 25-Aug-16



LANDA® Mobile Systems

FOR EVALUATION ONLY, NOT TO BE USED

wt	Total pick load (Sections, Headache Ball, wt of Tag line, etc)
L	Length of gin pole (ft)
La	Length of gin pole above bridle (ft)
Rbr	Horizontal reaction at bridle (lbs)
Rba	Horizontal reaction at basket (lbs)
Rv	Vertical reaction at basket (lbs)
Θ	Load line angle from vertical (deg)
α	Tag line angle from horizontal (deg) - 60 deg
drh	Horizontal distance to sheave pin (in)
drv	Vertical distance to sheave pin (in)

Notes:

1: This load chart is for the capacity of the gin pole and rooster head only, does not consider the capacity of any other rigging components
2: The reactions indicated do not include any impact factor
3: The strength of the gin pole includes an impact factor of 1.25 for the use of IWRC wire rope load line only
4: The maximum operational wind speed used in this chart is 30 mph
5: This gin pole was designed in accordance with TIA-1019A Specifications

Θ (deg)	L (ft)	La (ft)	wt (lbs)	Rv (lbs)	Rba (lbs)	Rbr (lbs)	Tag (lbs)	Δ (in)
3	30	12	2,357	5,358	166	388	151	0.35
4	30	12	2,291	5,313	194	458	199	0.43
5	30	12	2,226	5,268	222	527	246	0.52
6	30	12	2,161	5,224	249	595	293	0.61
7	30	12	2,098	5,180	276	662	339	0.69
8	30	12	2,035	5,138	302	727	384	0.77
9	30	12	1,972	5,096	328	791	429	0.85
10	30	12	1,910	5,054	353	854	472	0.93