

**Wind Pressure Calculations**

Height Factor	0.34	1.14	0.5	1.5
Exposure Factor	0.85	0.65	0.85	1.0

Calculation of Kz  
 $Kz = 2.01 (z/33)^{0.9} = 0.90$

Elevation  
 C.O.G.  
 28.1005

SECTION 1				SECTION 2				SECTION 3				SECTION 4			
Wind Dir	Wind Spd	Wind Dir	Wind Spd	Wind Dir	Wind Spd	Wind Dir	Wind Spd	Wind Dir	Wind Spd	Wind Dir	Wind Spd	Wind Dir	Wind Spd	Wind Dir	Wind Spd
135	1.70	24.44	37.73	135	1.70	24.44	37.73	135	1.70	24.44	37.73	135	1.70	24.44	37.73

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\*For Group Load Combination II, minimum pressure P1 = 20 psf

Section 1 True P1	25.96	25.96
Section 2 True P1	28.96	28.96
Sign 1 P1	28.96	28.96
Sign 2 P1	28.29	28.29
Sign 3 P1	28.29	28.29
Left Foot	10.00	25.00
Right Foot	10.00	25.00

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