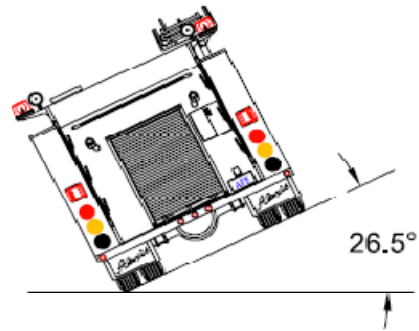
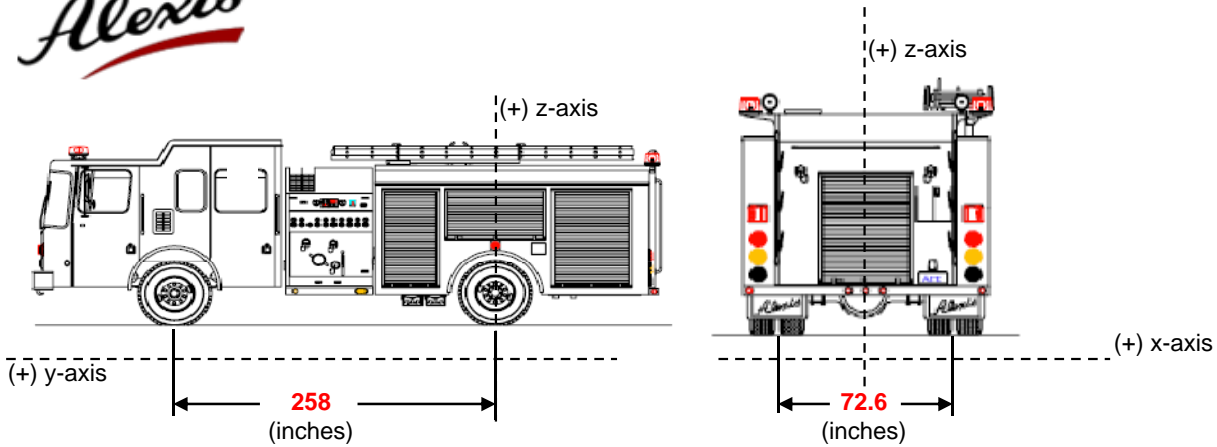


VERTICAL CENTER OF GRAVITY / WEIGHT DISTRIBUTION

4/9/2009



Contract or Proposal Name: **Alexis Demo Pumper**  
 Calculated By: **Gerald Wilson**  
 Approved By:  
 Revision:  
 Type of Chassis: **international 7400 Crew Cab**  
 Type of Pump: **Waterous CXVC10C 1250**  
 Cab to Axle: **150**  
 Tank Capacity: **1000**

Item	Weight (lbs)	Coordinates Local C.G. (in)			% Rear	Weight (lbs)	
		x	y	z		Front	Rear
Chassis	12500	0	157	51	39%	7600	4900
Poly Tank (w/water)	9250	0	13	67	95%	466	8784
Officer & Driver	500	0	213	69	17%	413	87
Men & Equip. (cab)	750	0	166	69	36%	483	267
Pump Module	750	0	111	65	57%	323	427
Pump	1400	0	85	45	67%	461	939
Body Module	4500	0	-8	66	103%	-140	4640
Hose Bed	1000	0	-14	100	105%	-54	1054
Add. Equip. front	1000	0	52	55	80%	202	798
Add. Equip. Rear	1000	0	-54	55	121%	-209	1209
Preconnects	400	0	120	56	53%	186	214
Ladders	450	27	7	68	97%	12	438
	0	0	0	0	0%	0	0
	0	0	0	0	0%	0	0
	0	0	0	0	0%	0	0
	0	0	0	0	0%	0	0
	0	0	0	0	0%	0	0
	0	0	0	0	0%	0	0
	0	0	0	0	0%	0	0
	0	0	0	0	0%	0	0
	0	0	0	0	0%	0	0
Total	33500	Global Center of Gravity				9742	23758
GAWR	38000	x	y	z		12000	26000
Load as % of Total	100%	0.4	75.0	60.2		29%	71%

Truck Tipping Angle: **31** degrees (Full Water Tank) **OK** **OK**