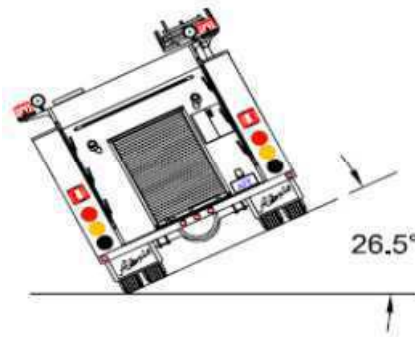
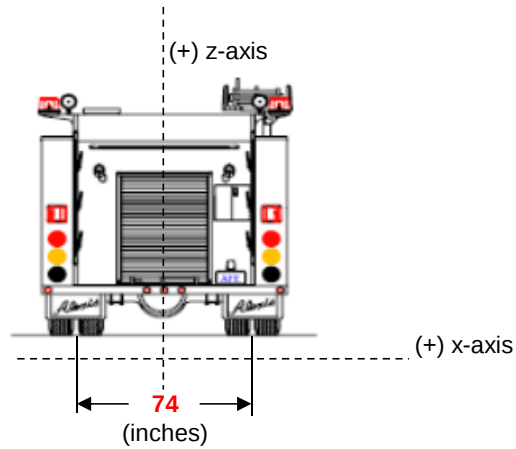
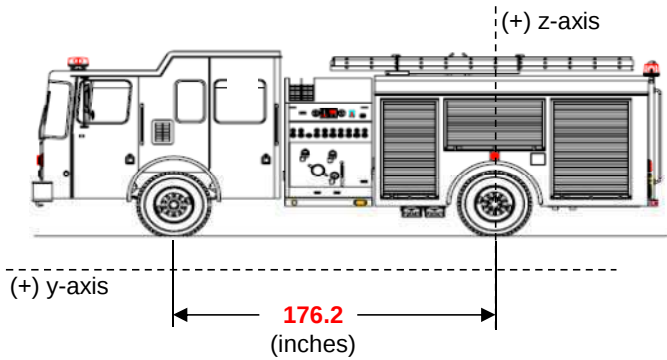


VERTICAL CENTER OF GRAVITY / WEIGHT DISTRIBUTION

12/1/2014



Contract or
Proposal Name: **Alexis Demo**
Calculated By: **L.CORBIN**
Approved By:
Revision:
Type of Chassis: **Ford F-550 4-dr**
Type of Pump: **n/a**
Cab to Axle: **60**
Tank Capacity: **0**

Item	Weight (lbs)	Coordinates Local C.G. (in)			% Rear	Weight (lbs)	
		x	y	z		Front	Rear
Chassis	8220	0	110	35	38%	5120	3100
Poly Tank (w/water)	0	0	0	0	0%	0	0
Officer & Driver	500	0	108	43	39%	306	194
Men & Equip. (cab)	500	0	73	43	59%	207	293
	0	0	0	0	0%	0	0
Pump	0	0	0	0	0%	0	0
Body Module	3500	0	0	52.5	100%	0	3500
	0	0	0	0	0%	0	0
Add. Equip. front	1000	0	39.5	51.5	78%	224	776
Add. Equip. Rear	1000	0	-39.5	51.5	122%	-224	1224
	0	0	0	0	0%	0	0
Booster Reel	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
	0	0	0	0	0%	0	0
Total	14720	Global Center of Gravity				5634	9086
GAWR	19500	x	y	z		7000	14700
Load as % of Total	100%	0.0	67.4	41.9		38%	62%
						OK	OK

Truck Tipping Angle: **41** degrees (Full Water Tank) **OK**
Maximum vertical center of gravity "z" = **59.20** **OK** (Maximum "z" is 80% of the rear axle track width)

COMPARTMENT SPACE

Department Name:	Alexis Demo	Calc. By:	L.CORBIN
Drawing Number:	R1-C62	Rev. Number:	
Contract Number:		12/1/2014	

[illegible]

TOTAL

232.19 Cubic Ft.