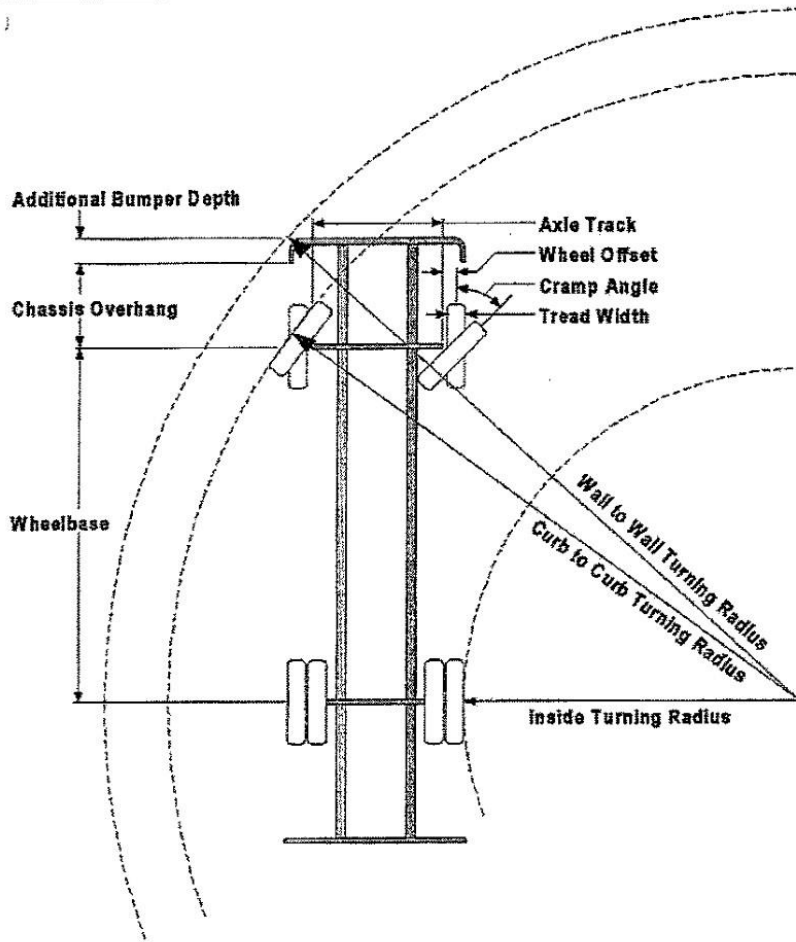




Turning Performance Analysis

8/23/2002



Parameters:

Inside Cramp Angle:	45.00 °
Axle Track:	81.92 in.
Wheel Offset:	5.25 in.
Tread Width:	17.70 in.
Chassis Overhang:	65.99 in.
Additional Bumper Depth:	19.00 in.
Wheelbase:	260.00 in.
	21.67 ft.

Calculated Turning Radii:

Inside Turn:	20 ft. 6 in.
Curb to Curb:	37 ft. 0 in.
Wall to Wall:	45 ft. 2 in.

Comments:

Aerial Application

Calculated for Pierce Stock Unit # 12751
Londonderry Fire Department.

Overall Truck Length:

Bumper to Bumper: 41' 5" / 497.25"

Including Front Bucket: 46' 9" / 561"

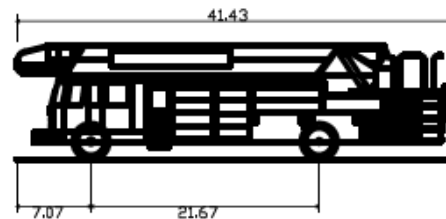
Components	PRIDE #	Description
Front Tires	0001647	Tires, Michelin, 425/65R22.50 20 ply XTE2, Hiway Rib
Chassis	0070220	Dash-2000, Chassis, PAP/SkyArm/Midmount
Front Bumper	0012245	Bumper, 19" extended - all chassis'
Aerial Device	0022160	Aerial, 100' Pierce Platform

Notes:

Actual Inside Cramp Angle may be less due to highly specialized options.

Curb to Curb turning radius calculated for a 9.00 inch curb.

Reduce turning radius by 33% if vehicle is equipped with all-wheel steer.



Overall Length	41.430ft
Overall Width	9.770ft
Overall Body Height	10.743ft
Min. Body Ground Clearance	1.173ft
Track Width	9.777ft
Max Steering Angle (Virtual)	45.00