



Turning Performance Analysis

03/16/2018

Bid Number: 378

Chassis: Arrow XT Chassis, PAP/Midmount

Department: ARLINGTON FIRE DEPARTMENT, MA

Body: Aerial, Platform, 95', Mid-Mount, No Pump, S/S Body

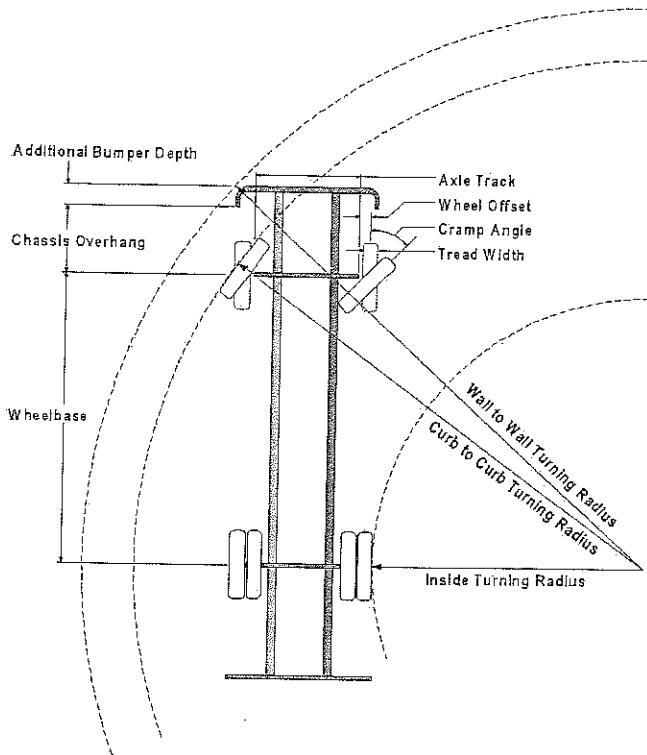
Parameters:

Inside Cramp Angle:	40°
Axle Track:	82.92 in.
Wheel Offset:	5.25 in.
Tread Width:	17.5 in.
Chassis Overhang:	68.99 in.
Additional Bumper Depth:	7 in.
Front Overhang:	75.99 in.
Wheelbase:	261.5 in.

Calculated Turning Radii:

Inside Turn:	24 ft. 10 in.
Curb to curb:	40 ft. 7 in.
Wall to wall:	44 ft. 2 in.

Comments:



Category	Option	Description
Axle, Front, Custom	0090913	Axle, Front, Oshkosh TAK-4, Non Drive, 24,000 lb, Qtm/AXT/DCF
Wheels, Front	0091794	Wheels, Front, 22.50" x 13.00", Steel, Hub Pilot
Tires, Front	0582746	Tires, Front, Goodyear, G296 MSA, 445/65R22.50, 20 ply
Bumpers	0550026	Bumper, Non-Extended, Arrow XT
Aerial Devices	0592911	Aerial, 95' Pierce PAP, Mid Mount

Notes:

Actual Inside cramp angle may be less due to highly specialized options.

Curb to Curb turning radius calculated for 9.00 inch curb.

LADDER 1 TOWER