



Turning Performance Analysis

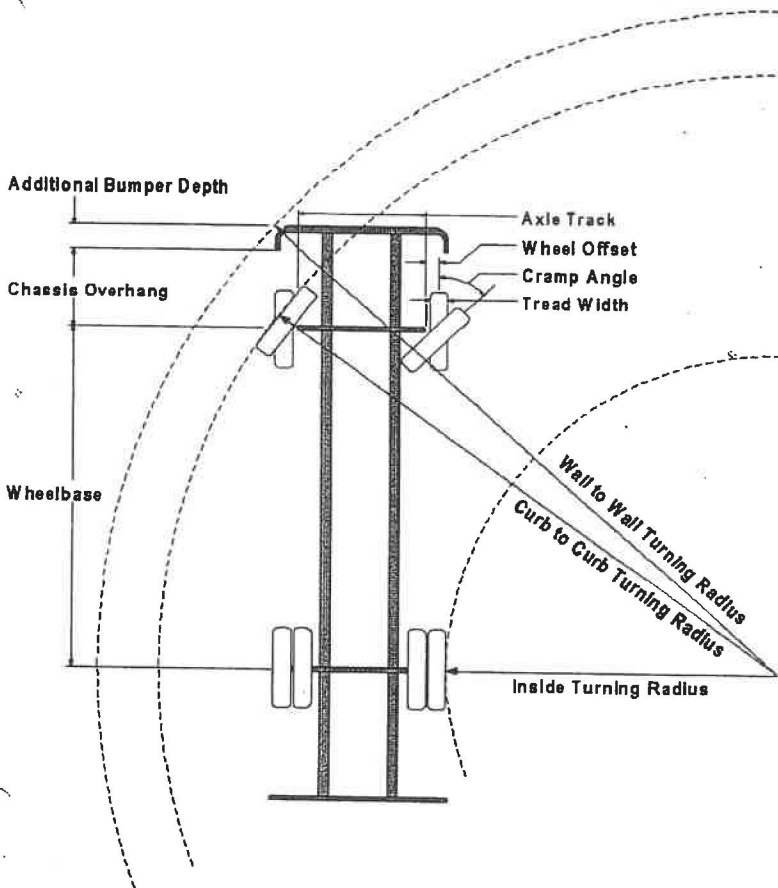
11/6/2012

Bid Number: 255

Department: SALEM FIRE DEPARTMENT, MA

Chassis: Arrow-XT Chassis, PAP/SkyArm/Midmount MUX, 2010

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



Parameters:

Inside Cramp Angle:	45°
Axle Track:	82.92 in.
Wheel Offset:	5.25 in.
Tread Width:	16.6 in.
Chassis Overhang:	68.99 in.
Additional Bumper Depth:	19 in.
Front Overhang:	87.99 in.
Wheelbase:	260 in.

Calculated Turning Radii:

Inside Turn:	20 ft. 6 in.
Curb to curb:	37 ft. 0 in.
Wall to wall:	41 ft. 6 in.

Comments:

CategoryID	Category Description	OptionCode	OptionDescription
6	Axle, Front, Custom	0018453	Axle, Front, Oshkosh TAK-4, Non Drive, 22,800 lb, DLX/Enf/Qtm/AXT
30	Wheels, Front	0001656	Wheels, Front, 22.50" x 12.25", Steel, Hub Pilot
31	Tires, Front	0078244	Tires, Front, Michelin, XZY3 (wb), 425/65R22.50, 20 ply
38	Bumpers	0557812	Bumper, 19" Extended Steel Painted, AXT, Dash CF
437	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 a 9.00 inch curb.

46'3" LONG
 10'11" HIGH
 10" WIDE