

Outriggers with requirement - 20'

ALUMINUM BODY

SIDE ROLL AND FRONTAL IMPACT PROTECTION

NOTE: DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MINOR DEVIATIONS AS MAY OCCUR OR BE NECESSARY IN CONSTRUCTION. MINOR DETAILS NOT SHOWN.

1. MOUNTING BASE FOR ANTENNA LOCATED PER SHOP ORDER
2. VIBEL LINE SYSTEM PUMP LOCATED PER SHOP ORDER
3. BATTERY CHARGER LOCATED IN COMPARTMENT D4
4. ONE (1) MOUNTED SLIDE-OUT TRAY IN COMPARTMENT D1
5. TWO ADJUSTABLE SLIDE-OUT TOOL BOWERS IN COMPARTMENT P5
6. ONE ADJUSTABLE SHELF IN COMPARTMENT D4
7. PERIMETER SCENE LIGHTS LOCATED PER SHOP ORDER
8. CROFT BREAKER PANEL IN COMPARTMENT D4
9. ONE 120V DUPLEX RECEPTACLE LOCATED ON TOP OF CENTER REAR FACING STORAGE COMPARTMENT AND ONE IN PASSENGER'S SIDE ENDS COMPARTMENT
10. AIR OUTLET LOCATED ON DRIVER'S SIDE PUMP PANEL (TOWARD REAR OF PANEL)
11. AERIAL RESTRICTION (A18 Ø9.3") Ø4"
12. ONE 240V RECEPTACLE IN COMPARTMENT P6 ON TANK WALL TOWARD REAR COVER WITH SWITCH UNDER FRONT BUMPER COVER
13. AERIAL WATERWAY SHUTOFF VALVE

CUSTOMER APPROVAL

APPROVED BY:	
DATE:	
CHASSIS DATA	
TITLE	100 AERIAL PLATFORM & BODY ASSEMBLY (PAP100A)
FOR	PIERCE
DWG	
NO.	VEL7010

Pierce MANUFACTURING INC.

JOB NO.	23784
SCALE	1:24
DATE	02AUG10
DRAWN BY	SHU
CHECKED BY	JBL
JOB NO.	09AUG10
SHEET SIZE	D
SHEET NO.	1 of 1

SACFD

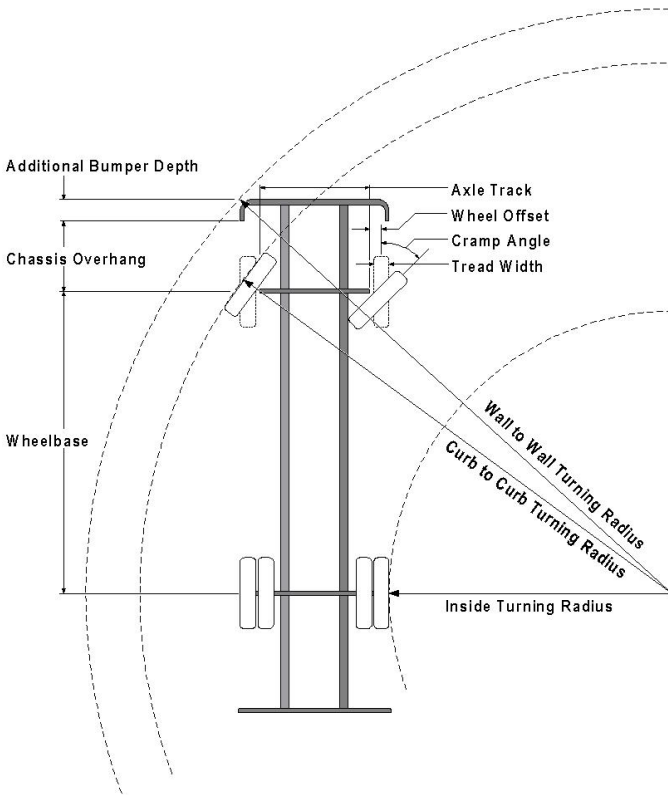


Turning Performance Analysis

01/14/2016

Bid Number: SACFD
Department: SACFD

Chassis: Velocity Chassis, PAP/SkyArm/Midmount (Big Block)
Body: Aerial, Platform 100', Alum Body



Parameters:

Inside Cramp Angle:	40°
Axle Track:	82.92 in.
Wheel Offset:	5.3 in.
Tread Width:	13.5 in.
Chassis Overhang:	78 in.
Additional Bumper Depth:	26 in.
Front Overhang:	146.1 in.
Wheelbase:	257.5 in.

Calculated Turning Radii:

Inside Turn:	24 ft. 7 in.
Curb to curb:	39 ft. 11 in.
Wall to wall:	47 ft. 6 in.

Comments:

Category	Option	Description
Axle, Front, Custom	0508846	Axle, Front, Oshkosh TAK-4, Non Drive, 24,000 lb, Velocity
Wheels, Front	0019618	Wheels, Front, Alcoa, 22.50" x 13.00", Aluminum, Hub Pilot
Tires, Front	0582746	Tires, Front, Goodyear, G296 MSA, 445/65R22.50, 20 ply
Bumpers	0123627	Bumper, 26" Extended, Imp/Vel
Aerial Devices	0592931	Aerial, 100' Pierce Platform, 50 MPH Wind Rating, 150lb Tip Load Allowance

Notes:

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

Curb to Curb turning radius calculated for 9.00 inch curb.