

## SPECIFICATIONS & STATISTICS

### CHASSIS

Type:	Spartan Gladiator Classic	
Year:	2008	
Cab:	4 Door MFD 10" Raised Roof	
Vehicle Length:	Overall	48' 11"
	Bumper to Bumper	44' 9"
Wheelbase:	20' 4"	
Vehicle Height:	11' 5"	
GVWR:	81,500 lbs Actual GW 77,200 lbs	
Vehicle Width:	Body	8' 4"
	Mirror to Mirror	10' 4"
Rear Overhang:	Rear tire to bumper	12' 4"
	Rear tire - end of platform	15' 10"
Front Overhang:	6' 10" Front tire to QB2	
Angle of Approach:	10°	
Angle of Departure:	9°	
Turning Radius:	Curb to Curb	38' 8"
	Wall to Wall	42' 6"
Front Tires:	Michelin 425/65R 22.5 XZY 3	
Rear Tires:	Michelin 315/80R 22.5 PR XDN 2	
Front Axle:	GAWR 21,500 lbs.	
Rear Axle:	GAWR 60,000 lbs	

## ENGINE

Type: CAT C13  
Size: 6 cylinders 763 Cu. In. /12.5 L  
Horsepower: 525 @ 2100 RPM  
Torque: 1750 lb. ft. @ 1200 RPM  
Governor: Class One

## TRANSMISSION

Type: Allison 4000 EVSPR Automatic  
Gears: 5  
Jake Brake: Three Level

## FLUIDS

Diesel Fuel Tank: 258 Litres  
Engine Oil: 30.2 Liters 15W-40  
Engine Coolant: 41.6 Liters CAT Ext-Life  
Transmission Fluid: 36.9 Litres Transynd  
Power Steering Fluid: 4.7 Liters Dexron 111  
Cab Tilt Fluid: 4.7 Litres Dexron 111

## AERIAL

Type: Smeal Mid Mount Platform  
5 Section Telescopic Ladder  
Steel Construction

Vertical Reach: 100' @ 72°

Horizontal Reach: 99' @ 0°

Below Grade: -12°

Maximum Angle: 72°

Hydraulic Reservoir: 200 Litres

## OUTRIGGERS

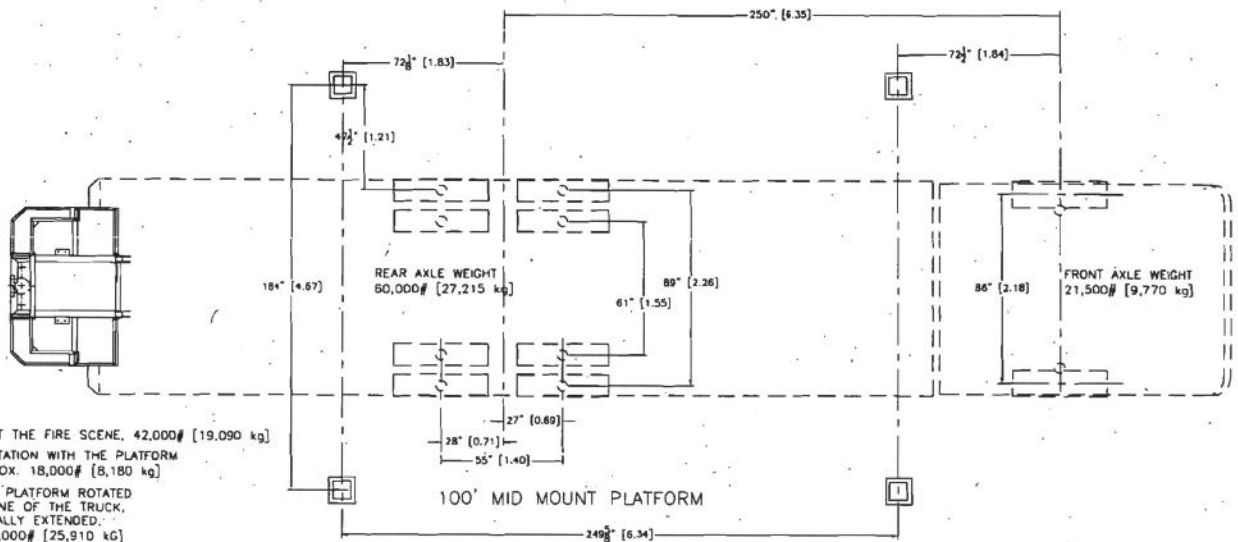
Distance Fore/Aft: 22'

Extension: 5'

Width of Extension: 18' = Both Sides.  
13' = Short Set minimum

Maximum Jack Lift: 33" - Minimum ground penetration 18"





- OUTRIGGER PAD DESIGN LOAD AT THE FIRE SCENE, 42,000# [19,090 kg]
- OUTRIGGER PAD LOAD IN THE STATION WITH THE PLATFORM CENTERED OFF THE REAR, APPROX. 18,000# [8,180 kg]
- OUTRIGGER PAD LOAD WITH THE PLATFORM ROTATED 90 DEGREES TO THE CENTER LINE OF THE TRUCK, 0 DEGREES ELEVATION AND TOTALLY EXTENDED, ESTIMATED OUTRIGGER LOAD, 57,000# [25,910 kg]
- OUTRIGGER PAD LOAD WITH THE PLATFORM ROTATED TO THE REAR ON THE CENTER LINE OF THE TRUCK, 0 DEGREES ELEVATION AND TOTALLY EXTENDED, ESTIMATED OUTRIGGER LOAD, 34,000# [15,450 kg]

Pads under Outriggers:  
 23 3/4" x 23 3/4" x 2" thick  
 Polycarbonate.

