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 GVW 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# [19,030 kg].
OUTRIGGER PAD LOAD IN THE STATION WITH THE PLATFORM CENTERED OFF THE REAR, APPROX. 18,000# [8,110 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# [52,100 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# [15,400 kg].

PADS UNDER OUTRIGGERS
23 3/4" x 23 3/4" x 2" thick Poly carbonate.