

# VEHICLE CHARACTERISTICS

NOMENCLATURE: FIFTH-WHEEL TACTICAL TRAILER (FTT)

DATE: JUL 2007



## DESIGNATIONS

## VEHICLE DATA (Subject to Change)

### General

Maximum Vehicle Weight.....7000 lb (3175 kg)  
Curb Weight.....1950 lb (885 kg)  
Maximum Payload Capacity.....5050 lb (2290 kg)  
Hull.....Unitized body construction using aircraft grade aluminum and HSLA steel

### Dimensions

Overall Length..... 197.0 inches (500 cm)  
Overall Width..... 85.0 inches (216 cm)  
Overall Height..... 82.0 inches (208 cm)  
Track Width..... 72.5 inches (184 cm)  
Drawbar Length ..... 152.6 inches (388 cm) (from axle center to kingpin center)  
Kingpin Height..... 60.0 inches (152 cm) (empty)  
Deck Height..... 36.0 inches (86 cm) (empty...loaded deck height will vary by system configuration)  
Ground Clearance..... 16.2 inches (41 cm)

### Running Gear

Suspension Type..... Fully independent trailing arm air-ride suspension featuring a field-replaceable wheel spindle  
Spring Media..... Progressive rate commercial Class 8 truck air bags, adjustable  
Shock Absorbers..... Telescopic, direct acting, one per wheel  
Wheels..... 16.5 X 8.25, two piece steel, HMMWV compatible, 8 on 6.5 inch bolt pattern  
Tires..... 37X12.50R16.5 Goodyear Military Wrangler M/T, with 30-mile runflat inserts, HMMWV compatible  
Brakes..... Proprietary microprocessor controlled electric-over-hydraulic brake actuator specifically designed for 24V military systems with blackout capability. 12 inch x 2 inch free backing hydraulic drum brakes with automatic breakaway actuation. Independent lever-operated left and right side mechanical parking brakes.  
Electrical System..... 24 Volt DC sealed lighting system with blackout convoy lights, 12 pin connector plug mates with STABLE 5<sup>th</sup> Wheel System. Onboard battery for brake controller actuation and breakaway capability.

### Performance

Max Speed (Primary Roads)..... TBD  
Max Speed (Secondary Roads)..... TBD  
Max Speed (Off Road)..... TBD  
Departure Angle..... 40 degrees  
Turning Angle..... 90 degrees  
Fording..... Limited only by customer configuration

## SILVER EAGLE

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