

# TACTICAL PROTECTOR VEHICLE™

## VEHICLE SPECIFICATIONS

### Ford F550 Chassis

Shortened to 116 inches (2946 mm) wheelbase and upgraded with heavy-duty suspension components

### Seating Capacity

Up to 9 officers

### Vehicle Dimensions

**Length:** 200 inches (5080 mm)  
**Height:** 95 inches (2413 mm)  
**Width:** 85 inches (2160 mm)  
**Wheelbase:** 116 inches (2946 mm)  
**Track:** 74 inches (1880 mm)  
**Ground Clearance:** 14 inches (356 mm)

### Protection

**NIJ Level IV**  
**See Armoring Data Sheet**

### Performance

**Vertical Obstacle/Step Climbing:** Up to 14 inches (356 mm)  
**Turning Radius:** 21.3 feet (6.5 m)  
**Turning Circle Diameter – Curb-To-Curb:** 41.9 feet (12.8 m)  
**Turning Circle Diameter – Wall-To-Wall:** 42.6 feet (13 m)  
**Gradient:** Capable of grades up to 60%  
**Side Slope (Static):** 37°  
**Approach Angle:** 38°  
**Departure Angle:** 30°  
**Fuel Capacity:** 31.7 gallons (120 L) dual fuel tank  
**Maximum Vehicle Speed:** 75 mph (120 kph)

### Payload

**Curb Weight:** 14,090 lbs. (6391 kg)  
**Payload Capacity:** 5,410 lbs. (2454 kg)  
**Gross Vehicle Weight Rating (GVWR):** 19,500 lbs. (8845 kg)

### Engine

**Power to Weight Ratio:** > 36 hp/ton  
**Engine/Emission Limit:** Compliant with all current EPA requirements  
**Cylinders Arrangement / No.:** 6.8 L V10 gasoline  
**Engine Output:** 362 hp @ 4,750 RPM  
**Engine Torque:** 457 lbs.-ft. (620 Nm) @ 3,250 RPM

### Power Management

**Electric System:** 200A 12V + 200A 12V  
**Gearbox:** 6-speed electronic automatic transmission with overdrive  
**Wheel Drive:** Part-time 4-wheel drive; electric 2-speed transfer case shift on the fly; auto locking hubs  
**Transfer Case:** 2-speed electronically operated  
**Differential Locks**  
**Rear:** Limited slip differential  
**Brakes:** Ventilated disc brake  
**Steering:** Hydraulic power-assist re-circulating ball steering  
**Tires:** 285/70 R 19.5



#### CONTACT:

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Specifications, descriptions and illustrations are as accurate as known at the time of publication, but are subject to change without notice.

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