

M577 Command Post Carrier Specifications



General	
Weight, combat loaded	31,800 lb. (14,424 kg)
Curb weight	26,430 lb. (11,989 kg)
Personnel capacity	8
Fuel tank capacity	95 gallons (360 liters)
Ground pressure	8.1 psi (0.57 kg/cm ²)

Armor	
Basic hull	5083 Aluminum
Bolt-on armor (Top, Side, Belly)	Passive
Spall suppressant	Composite panel

Mast, Telescoping	
Uses standard kit antenna head	RC-292, OE-254/GRC
Power	Pneumatic
Extended head height	30 feet
Extend time	35 seconds
Power source	Electric pump w/ remote
Back-up Power	Hand Pump

Performance	
Speed on land	40 mi/h (64.37 km/h)
Cruising range	300 mi (483 km)
Turning radius	Axle to infinite
Slope	60%
Side slope	30%
Trench crossing	86 in. (218 cm)
Vertical wall climbing	24 in. (61 cm)
Braking (20-0 mi/h)	40 ft.

Engine	
Make and model	Detroit Diesel 6V53T
Type	Two stroke cycle
Displacement	318 in.3 (5.2 liter)
Fuel	Diesel (DF2)
Rated horsepower	275 hp
Gross horsepower-to-weight ratio	17.3 hp/ton (19.3 hp/metric ton)

Transmission, Automatic	
Make and model	Allison X200-4
Type	Hydrokinetic
Steering	Hydrostatic
Brake type	Multiple wet plate

Running Gear	
Suspension	Torsion bar
Road wheels	6 per side, 24 inch diameter (61 cm)
Track type	Steel single pin, detachable rubber pad
Number of shoes	72 left, 73 right
Track pitch	6 in. (15.2 cm)
Track width	15 in. (38 cm)
Shock absorbers	3 per side
Wheel travel	9.0 in. (22.9 cm)

Electrical System	
Alternator	200 amperes
Voltage	28 vdc
Batteries	4, type 6TL, 120 amp-hr, 12-volt each

Fire Extinguishers	
Fixed	5 lb. (2.3 kg) CO2 for engine compartment
Portable	5 lb. (2.3 kg) CO2