PERFORMANCE — The M1167 is an Expanded Capacity Vehicle TOW/Armament Carrier HMMWV. Along with the TOW missile launcher, the M1167 provides for the ring-mounting and firing of various weapons systems with a 360 degree arc of fire. The M1167 is able to stow a minimum of six missiles mounted in the cargo area and is available with a Manual Traversing Unit and a TOW Gunners Protection Kit.

PAYLOAD — As an Expanded Capacity Vehicle, the M1167 is specifically designed for use over all types of roads, as well as cross-country terrain, and in all weather conditions without sacrificing mobility, dependability or performance. The M1167 is air transportable and droppable, and can be sling-loaded by helicopter.

PROTECTION — The M1167 provides superior armor ballistic protection for crew, missile stowage, secondary weapons mount for close range, and ammunition. The vehicles are equipped with an A/C system to provide greater crew comfort.
M1100 SERIES HMMWV

M1167

GVW
13,100 lb. (5,942 kg)

Payload
1,850 lb. (839 kg)

Curb Weight
11,250 lb. (5,103 kg)

Towed Load Allowance
4,200 lb. (1,905 kg)

Shipping Dimensions
1,042 cubic ft. (29.51 cubic m)
123 sq ft. (11.43 sq m)
194 in. (4.93 m) Length
91 in. (2.31 m) Width
102 in. (2.60 m) Height

Center of Gravity
(at curb weight)
37.1 in. (94.23 cm)
Above Ground
68.1 in. (1.73 m)
Rear of Centerline at Front Axle
Track Width
71.6 in (1.82 m)

Wheelbase
130 in. (3.30 m)

Turning Radius
25 ft. (7.62 m)

Ground Clearance
15.8 in. (40.13 cm)

Angle of Approach
52.8º

Angle of Departure
38.6º

Ramp Breakover Angle
25º

Grade Capability (at GVW)
40%

Side Slope Capability (at GVW)
30%

Climb Capability (at GVW)
12 in. (30.48 cm)
Vertical Step

Cargo Bed Height (at GVW)
35.2 in. (89.41 cm)

Engine
General Engine Products (GEP)
V8, 6.5L Turbocharged Diesel

Horsepower
@ 3,400 RPM: 190HP (142KW)

Torque
@ 1,700 RPM: 380 lb.-ft (515 N•m)

Transmission
General Transmission Products (GTP)
4-Speed Automatic

Transfer Case
2 Speeds
Ratios: High - 1:1; Low - 2.72:1

Differentials
Front and Rear - Hypoid
Ratios 3.08:1

Frame
Steel Box Section
5 Crossmembers

Front Suspension
Independent Double
A-Frame; Coil Spring;
Telescopic Shock Absorbers

Rear Suspension
Independent Double
A-Frame; Coil Spring;
Rate - Variable;
Telescopic Shock Absorbers

Geared Hub
Ratios: 1.92:1

Wheels
Two-Piece Take Apart;
16.5 x 8.25 x 6.5 BC

Tires
Non-Directional
Cross-Country Tread;
37 x 12.5R-16.5;
Load Range: E

ServiceBrakes
Type: Disc - Front & Back
Dual Master Cylinder with
Hydroboost;
Rotor Size - 306.8 mm Dia.;
24-mm Thick;
Lining Area - 11.5 sq in. (74.2 cm²)
(89.2 sq in. (575.5 cm²) Total)

Parking Brakes
Dual Disc, Independent,
Hand-Operated Lever

Electrical System
Dual Voltage 14V/28V

Fuel Capacity
25 gal. (95 L)

Performance
250 mile (402 km) Cruising Range

Maximum Speed
70 mph (113 kph)

Deep Water Fording
30 in. (0.76 m),
60 in. (1.52 m) w/ Kit

Run Flat Capability
30 miles @ 30 mph
(48 km @ 48 kph)

Transportability Modes
Highway, Rail,
Marine, and Air

Standard Armor:
Underbody armor
Rocker armor
Lower windscreen deflector armor
Perimeter armor
Overhead armor
Rear ballistic bulkhead

Optional Frag Kits:
Perimeter armor
Overhead armor
Rear ballistic bulkhead
Note: Aluminum roof/rear panel is required with B3 Kit.

Optional Frag Kits:
Frag 1: Side and door perimeter protection
Frag 2: Front cowl, and wheel well protection
Frag 5: Door and SMCL (Single Movement Combat Lock)

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