PERFORMANCE — HMMWV is the world-standard family of light, tactical vehicles. It is a lightweight, high-performance, independent four-wheel drive, versatile and adaptable platform that currently supports more than 100 different systems.

PAYLOAD — The M1165A1 Special Ops HMMW is an Expanded Capacity Vehicle (ECV) specifically designed for a light weight weapons station, additional weapon mounts, increased storage with greater dash speeds, and payload. The Special Ops HMMWV has over 2,500 kg (5,600 lb.) of available payload and is air transportable, droppable and can be sling loaded by helicopter.

PROTECTION — In addition to the factory-installed “A” armor kit, the M1165A1 Special Operations HMMWV can be supplemented with additional armor, which is tailored to meet specific mission requirements.
M1100 SERIES HMMWV

M1165A1 Special Ops

GVW
6,124 kg (13,500 lb.)

Payload
2,572 kg (5,670 lb.)

Curb Weight
3,552 kg (7,830 lb.)

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

Shipping Dimensions
21.10 cubic m (745 cubic ft.)
10.87 sq m (117 sq ft.)
4.93 m (194.0 in.) Length
2.21 m (87.0 in) Width
1.94 m (76.25 in.) Height

Center of Gravity
(at curb weight)
76.71 cm (30.2 in.)

Above Ground
1.53 m (60.4 in.)

Rear of Centerline at Front Axle
1.82 m (71.6 in.)

Track Width
1.82 m (71.6 in.)

Wheelbase
3.30 m (130 in.)

Turning Radius
7.62 m (25 ft.)

Ground Clearance
46.23 cm (18.2 in.)

Angle of Approach
48.0º

Angle of Departure
40.0º

Ramp Breakover Angle
25º

Grade Capability (at GCW)
40%

Side Slope Capability (at GCW)
30%

Climb Capability (at GCW)
45.72 cm (18 in.)

Cargo Bed Height (at GCW)
97.79 cm (38.5 in.)

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

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

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

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
Ratio: 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

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

Parking Brakes
Dual Disc, Independent, Hand-Operated Lever

Electrical System
Dual Voltage 14V/28V

Fuel Capacity
95 L (25 gal.)

Performance
402 km (250 mile) Cruising Range

Maximum Speed
113 kph (70 mph)

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

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

Transportability Modes
Highway, Rail, Marine, and Air

Special Ops Options
Low profile weapons mount
3-bay ammo can holder
A-frame spare tire carrier with 7,000 lb. jack
Running boards with hand holds
Rear gun mounts with pintle (up to 4)
Rear equipment shelf with stowage box
Cargo rear side boards
Side door gun mounts (up to 3)
4-bay ammo can holder
(on top HVAC evaporator)
3-bay ammo can holder (rear cargo LH)
2-bay ammo can holder (rear cargo RH)
7-water can area with tie down
Hood mounted Pioneer tool kit

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