



CSI, Inc.

SPECIFICATIONS AND PERFORMANCE DATA FOR M998, 1-1/4 TON CARGO TROOP CARRIER

Curb Weight	5,380 lbs.	2,440 kg.
Payload	2,500 lbs.	1,134 kg.
Gross Vehicle Weight (GVW)	7,880 lbs.	3,574 kg.
Gross Axle Weight:		
Front	3,429 lbs.	1,555 kg.
Rear	4,451 lbs.	2,019 kg.
Length	180 in.	4.57 m.
Height (w/o weapons)	72 in.	1.83 m.
Min. Reducible Height	54 in.	1.37 m.
Reduced Shipping Cube (w/o shelters)	478 ft.	13.5 m.
Accel: 0-30 mph (48 kmph)	8 sec.	8 sec.
0-50 mph (80 kmph)	24 sec.	24 sec.
Maximum Towed Load	3,400 lbs.	1,542 kg.
Cruising Range	300 mi.	483 km.
CGX at CurbWeight	58.0 in.	1.47 m.
CGY At CurbWeight	1.2 in.	0.03 m.
CGZ At CurbWeight	29.5 in.	0.75 m.
Spring Rate:		
Front	954 lb./in.	167 N/mm
Rear	Variable	Variable
Troop Seating Capacity	1+1 (2 Door); 1+3 (4 Door);	
(Driver + Passengers)	1+9 (2 Door w/Troop Seats)	

COMPONENTS AND FEATURES:

Engine:

Type GM V8, 6.2L Diesel Fuel Injection

Horsepower (@3,600 RPM): 150HP (112 KW)

Torque (@2,000 RPM): 250 lb.-ft. (339 N.m)

Governor Type: Mechanical

Displacement: 379.4 cu. In. (6.2L)

Bore & Stroke: 3.98X3.82 in. (10.0x9.7 cm..)

Compression Ratio: 21.3:1

Fuel Capacity: 25 gal. (94 L) (useable)

Transmission: GM 3L80 automatic with a maximum input torque rating of 451 lb. Ft. (612 N.m). Gear ratios are: 1st - 2.48:1; 2nd - 1.48:1; 3rd - 1.0:1;

Reverse - 2.08:1' Torque converter ratio - 1.96:1.

Transfer Case: New Process Gear model 218. 2 speed-Full time 4 wheel drive.

Axles: Hypoid (AM General design) with a ratio Of 2.73:1.

Continuous torque rating is 1281 lb. Ft. (1737 N.m).

Geared Hubs: Gear ratio: 1.92:1 (AM General design)

Frame: Steel box section with 5 crossmembers.

Electrical: 24 volt waterproof. 60 Amp. Alternator is standard.

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Steering: Power assisted with a variable ratio of 13/16:1.

Brakes: Hydraulically actuated, four wheel inboard mounted power disc brakes with dual reservoir master cylinder. Rotors are 10.5 in. (0.27m.) in diameter with an effective area of 17.4 in. (0.011m.) each. The parking brake manually activates the rear service brakes.

Suspension: Independent double A-frame with open end coil springs and hydraulic shock absorbers.

Tires: 37X12.5R 16.5 LT load range "D" Goodyear Wrangler MT Radial.

Wheels: 3,400 lbs. (1,542 kg.) capacity 16.5x8.25

2 piece take-apart wheels.

SERIES APPLICABLE DATA:

Width (w/mirrors folded): 86 in. (2.18m.)**

Ground Clearance: 16 in. (0.41m.)

Wheelbase: 130 in. (3.30 m.)

Track Width: 71.6 in. (1.82 m.)

Maximum Speed: 70 mph (113 kmph)

Grade Capability: 60%

Run Flat Capability: 30 miles at 30 mph (48km at 48 kmph)

Side Slope Capability: 40% (M1097A1 w/shelter 30%)

Cargo Bed Height: 32.9 in. (0.84m.)

Turning Radius (curb to curb): 25 ft. (7.62 m.)

Deep Water Forging: w/o kit - 30 in. (0.76m); with kit - 60 in. (1.52m.)

Approach Angle: w/o winch - 72 ; with winch - 47

Departure Angle: 45 (33.5 w/rear airlift bumper & pintle hook)

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