

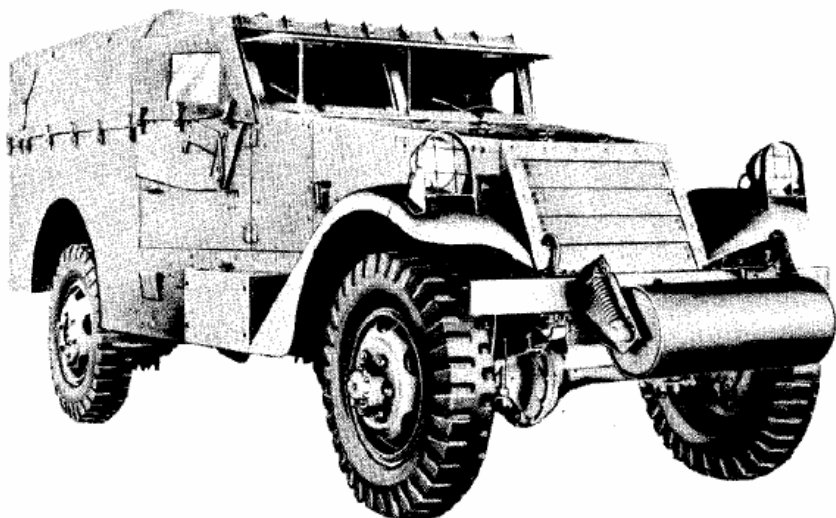
CAR, SCOUT, M3A1, (4 x 4)

Technical Manuals: TM 9-705, TM 9-1705, Parts List: SNL G-67
TM 9-1706, TM 9-1709.

Manufacturer: White Motor Co.

Armament: One Gun, machine, cal. .30, M1919A4, flexible; one Gun, machine, cal. .50, HB, M2, flexible; one Gun, submachine, cal. .45, M1928A1.

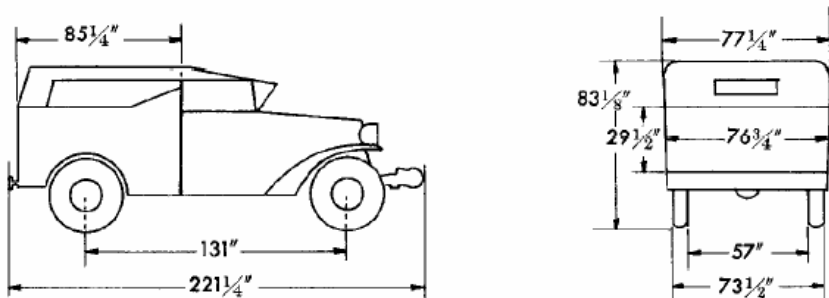
Ammunition: 8,000 rounds, cal. .30; 750 rounds, cal. .50; 540 rounds, cal. .45.



RA PD 66367

Classification: Standard

Purpose: To provide mobility and crew protection for reconnaissance in combat.



CAR, SCOUT, M3A1, (4 x 4)

GENERAL DATA

Crew, operating 2	Passenger capacity including crew	8
Weight	Net (lb)	8,900
	Payload (lb)	2,850
	Gross (lb)	11,750
	Boxed for export (lb)	12,951
Shipping dimensions (cu ft) 723	(sq ft) 118	
Tires—Combat	Size	8.25 x 20
Tread, center to center (in.) Front 63 1/4	Rear 65 1/4	
Ground clearance	(in.)	15 3/4
Ground pressure	(lbs per sq in.)	60
Electrical system	(volts)	12
Capacities	Fuel, 70 octane gasoline (gal)	30
	Cooling system (qt)	19
	Crankcase (refill) (qt)	6
Brakes	Hydraulic (Hydrovac)	
Communication	Radio	

PERFORMANCE

Maximum gradability (percent)	60
Turning radius (ft)	28 1/2
Fording depth (in.)	28
Angle of approach (deg)	37
Angle of departure (deg)	35
Fuel consumption, average conditions (miles per gal)	8 1/2
Cruising range, average conditions (miles)	250
Maximum allowable speed (mph)	55 1/2
	1st 2nd 3rd 4th
Cruising speed	11.1 17.6 32.3 55.5

ENGINE

Manufacturer Hercules	Model JXD
Type In-line, 4 cycle	Number of cylinders 6
Displacement	(cu in.) 320
Governed speed	Not governed
Brake horsepower	110
Ignition type	Battery