

Type: Car, Armored, 6x6 Nomenclature: T28 Light Armored Car, Chevrolet

Country: U.S. Date of Introduction: 1943

Physical Data:

Weight:
Empty 12870 lb (5843 kg)
Loaded 15300 lb (6946 kg)
Length (OA) 201 in (5112 mm)
Width (OA) 102 in (2591 mm)
Height (OA) 78 in (1981 mm)
Ground Clr 14.25 in (362 mm)
Wheel Base 118 in (2997 mm)
Wheel Tread 80 in (2032 mm)
Armor .25 to .50 in
(6.35 to 12.7 mm)
NBC Protection Individual

Armament:

Main – Caliber 37 mm
Model M6 in Mount M3
Elevation Manual
Traverse Manual 360 deg
Fire Control Manual foot pedal
Auxiliary wpn .30 cal coax

Capacity:

Fuel Gasoline 51 gals
(193 liters)
Ammo/Qty 37 mm (40 rds)
.30 cal (1,750 rds)
Crew/Passengers 4

Engine:

Type V8
HP at Rev/Min 110 hp (81 kW)
Model 42
Mfr Cadillac
No. of Cyls 8
Location Rear
Cooling Liquid

Transmission:

Type Hydromatic
Speeds Fwd/Rev 4/1 w/2-spd trnsf
Model unk
Mfr unk

Suspension System:

Type Independent coil
Steering front & middle axle
Turning Radius 30.5 ft (9.3 m)
No of total wheels 6
Tire Size 12.50x20

General Data:

Elec Voltage 12V
Intercom Yes
Cargo Volume n/a

Night Vision Devices: n/a

Performance:

Speed/Land 54 mph (87 km/h)
Speed/Water n/a
Cruising Rng 300 mi (483 km)
Fording Depth 48 in (1219 mm)
Max Grade 60%
Trench Crossing unk
Step 24 in (610 mm)



Remarks: The T28 was designed and built by the Chevrolet Division of GMC in response to a request by the Special Armored Vehicle Board in January 1943. After testing by the Cavalry Board in May of 1944 recommended that the vehicle be placed in early production to supplant the the standard M8 Light Armored Car. The T28 was standardized as the Car, Armored, M38 on 7 December 1944 and was supposed to have the production vehicles completed by Ford, but at most only a few were completed before the end of WWII.

Above: T28 Light Armored Car at Fort Knox, Kentucky. (Photos: US Army)

Usage: Probably no more than two or three T28s were completed before designation as the M38.

Manufacturer: Chevrolet Division of GMC.