

Type: Car, Armored, 4x4 Nomenclature: Car, Armored, T17E1
Country: US Year of Introduction: 1943

Physical Data:
 Weight empty 26500 lb (12031kg)
 Weight loaded 29000 lb (13166kg)
 Length (oa) 212 in (5385 mm)
 Width (oa) 106 in (2692 mm)
 Height (oa) 93 in (2362 mm)
 Ground Clr 13.3 in (337 mm)
 Wheel Base 120 in (3048mm)
 Armor .47-1.25 in
 (12-32 mm)
 NBC Protection Individual

Armament:
 Main (1) .37mm M6
 Elevation -7 to +60°
 Traverse 360°
 Aux (2) .30 caliber LMG

Capacity:
 Fuel 50 gal (190 ltrs)
 Ammo/Qty 37mm (50 rds)
 Cargo Volume n/a
 Crew 4

Engine:
 Type (2) Gasoline
 Engine Model GM 270
 Mfr Chevrolet
 No of Cyls 6
 HP 97 hp (71.6 kW)
 each @ 3000 rpm
 Location Rear
 Cooling Liquid

Transmission:
 Type Hydromatic
 No of speeds 4 Fwd/1 Rev
 w/2spd trans case
 Mfr GMC
 Drive 4x4

Suspension System:
 Type Leaf spring
 Steering Front axle
 Turning Radius 55 ft (16.8 m)
 No of wheels 4
 Tire Size 14.00 x 20 in

General Data:
 Electrics 24V
 Intercom Yes
 Night Vision No

Performance:
 Speed 56 mph (89.8 k/ph)
 Spd/Water n/a
 Range 199 mi (320 km)
 Forging 31.5 in (800 mm)
 Max Grade 57%
 Trench 35 in (900 mm)
 Step 19.7 in (500 mm)



Remarks: The armored car T17E1 proposed by the Chevrolet Division of General Motors was a 4x4 car powered by two GMC engines located at the rear. The procurement of two pilots was approved in November of 1941. Production of 2,000 vehicles was authorized in January 1942, and production of 1,500 vehicles was approved in April 1942. A requisition by the British Purchasing Commission for 300, T17E1 of 15 December 1941 was confirmed in March 1942. The first production vehicles were delivered in October 1942. Difficulties in obtaining machine tools and numerous engineering changes resulted in the acceptance of only 157 vehicles in 1942.

The Special Armored Vehicles Board recommended termination of production in

Photos: T17E1 under test at Aberdeen Proving Ground. (Photos: U.S. Army)

December 1942. However, the Desert Warfare Board made tests of the T17E1 in February 1943 at the request of the British. These showed the vehicle more mechanically reliable than the armored car T17. In consequence, all production was taken over by the British. An additional 2,687 vehicles were accepted in 1943.

Usage: Used by Australia, Belgium, Canada, Cuba, GB, Israel, Lebanon, Nicaragua, Sudan, Syria, and Commonwealth forces during and after WWII.

Manufacturer: Chevrolet Division, GMC.