

Type: Carrier, Personnel, Armored 4x4 Nomenclature: **Armored Car No. 1 (Jeffery)**

Country: USA Date of Introduction: 1916

Physical Data:

Weight empty (est) 11800 lb (5357 kg)
Weight loaded 12600 lb (5720 kg)
Length (OA) 216 in (5486 mm)
Width (est) 76 in (1930 mm)
Height (est) 96 in (2438 mm)
Ground clr (est) 16 in (406 mm)
Wheel base 124 in (3150 mm)
Wheel tread (est) 70 in (1778 mm)
Drive 4x4
Armor .15 to .20 in
(3.8 to 5.1 mm)
NBC protection Individual

Armament:

Main – Cal (1) .30 cal Bennett-Mercier and (2) Colt .30 cal. LMGs
Elev & traverse -10 to +80 degrees
Fire control Optical
Aux wpns Crew side arms

Capacity:

Fuel Gas 20 gal
(75.7 liters)

Ammo/Qty unk
Crew/Pass 4-5
Cargo Vol/Wgt n/a

Engine:

Type Gasoline
HP at Rev/Min 29 hp (21.4 kW)
Model H-U
Mfr Buda
No. of Cyls 4 in-line
Location Front
Cooling Liquid

Transmission:

Type Manual w/two-speed transfer
Gear Fwd/Rev 6/6
Model unk
Mfr Jeffery

Suspension System:

Type Leaf spring
Steering 4-wheel steering
Turning radius 28 ft (8.5 m)
No/wheels 4
Tire Size unk

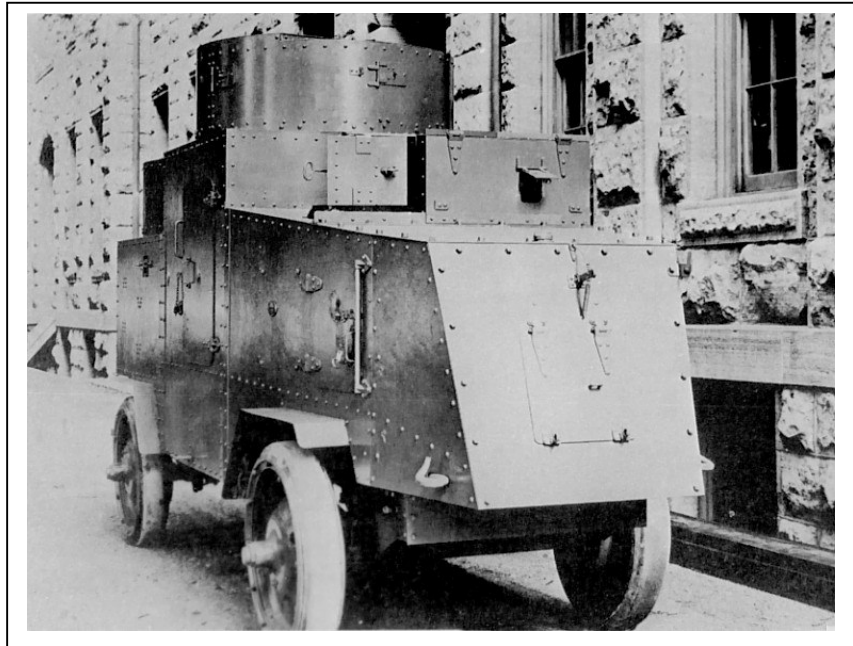
General Data:

Elec voltage 6V
Radio n/a

Night Vision: n/a

Performance:

Speed (est) 20 mph (32 km/h)
Speed/Water n/a
Range (est) 150 mi (241 km)
Fording (est) 16 in (406 mm)
Max grade unk
Trench unk
Step unk



Remarks: The Armored Car No. 1, was the first armored car actually built by the U.S. Government for the Regular Army (several had been built for the various National Guard units prior to this) in 1916. The car was designed and built at the Rock Island Arsenal using the chassis, running gear and power train of a Jeffery-Quad and armor plate provided by the Bethlehem Steel Corporation. The armor plate ranged from .15 inch (3.8 mm) to .2 inch (5.1 mm) in thickness and could stop a 30.06 caliber jacketed bullet at all but near point-blank range. The car was equipped with two manually oper

Top and Above: The Armored Car No. 1 in its final layout with U.S. Army forces in New Mexico circa 1917 and in Maryland just prior to the vehicle's retirement. (Photos: Library of Congress)

ated turrets and three .30 caliber light machine guns (1 Bennett-Mercier and 2 Colt "Potato Digger's". Only one car was actually completed although the front was modified for simplicity circa 1917 and the car itself retired after WWI.

Usage: The Armored Car No. 1 was only used by the U.S. Army.

Manufacturer: Rock Island Arsenal.