

Type: Vehicle Reconnaissance *Nomenclature:* **South African Reconnaissance Car Mk VI**

Country: South Africa *Date of Introduction:* 1942

Physical Data:

Weight:

Empty unk
 Loaded 24637 lb (11185 kg)
 Length (OA) 224 in (5690 mm)
 Width (6lb turret)... 104 in (2640 mm)
 Height (6lb turret)... 125 in (3168 mm)
 top of turret
 Ground Clearance .. 12 in (304 mm)
 Wheel Base 128 in (3240 mm)
 Wheel Tread 61 in (1550 mm)
 Drive 8x8
 Armor 4 to 1.6 in
 (10 to 40 mm)
 NBC Protection Individual

Armament:

Main – Cal (1) 2-Pdr (40mm) or
 (1) 6-Pdr (57mm)
 Model Depends on weapon
 Elevation Manual
 Traverse Manual
 Fire Control Optical
 Aux wpn – Cal (1-2) .30 cal or
 .303 LMG

Capacity:

Fuel Gasoline
 Ammo/Qty unk
 Crew/Passengers ... 3

Engine:

Type (2) gasoline
 HP at Rev/Min 95 hp (70 kW) each
 @ 3000 rpm
 Model V8
 Mfr Ford
 No. of Cyls 8 each
 Location Rear
 Cooling Liquid

Transmission:

Type Manual
 Speeds Fwd/Rev 4/1
 Model
 Mfr

Suspension System:

Type Leaf spring
 Wheels Steerable Front and rear pair
 Turning Radius
 No of total wheels ... 8
 Tire Size 10.50x20

General Data: n/a

Night Vision Devices: n/a

Performance:

Speed/Land 40 mph (65 km/h)
 Speed/Water n/a
 Range 248 mi (400 km)
 Fording Depth
 Max Grade
 Trench Crossing
 Step



Remarks: After the Mk V, came the Mark VI, another eight wheeled vehicle, but of lighter design. Of the two prototypes completed, the first mounted a 2-pdr (40mm) gun, and the second a 6-pdr (57mm). By 1943 work on the Mk VI had progressed to a second prototype, but the pressing need for armored cars had diminished. The British order for 250 cars was canceled and development continued at a slow pace, only the two original prototypes were actually com-

Above top: Mark VI with 2-pdr gun.
 Above bottom: Second prototype, Mk VI with 6-pdr.
 (Photos: Author's collection)

pleted. Prototype #1 with the 2-pdr gun was sent to the UK for testing, and the 6-pdr vehicle, prototype #2 was retained in South Africa.

Usage: Only two prototypes were actually completed.

Manufacturer: South African Railway.