

**1<sup>st</sup> Cavalry Division Museum**  
**Vehicle Data Sheet**

**Vehicle:** M3A1 Light Tank "Stuart"

**Location:** Museum Vehicle Pad A2

**Paint:** Enamel, Lusterless, OD 33070  
Enamel, Gloss, White, 17925

**Markings:** Bumper numbering and lettering can be no more than three inches in height. The turret stars are 4 inches in diameter and placed both sides of the 37mm main gun. On top-rear of the turret is a star 16 inches in diameter, centered between the two hatch covers. The star on the front slope is 25 inches in diameter and the star on the rear deck is 16 inches in diameter. On the rear of the tank there is a star 10 inches in diameter, just below the bumper markings. See attached drawing for locations and diameter for stars, bumper numbers, and registration markings.

Bumper Markings:    **1C – X – 603 – 6**

**Historical Background:**

This light tank was built by the American Car and Foundry of Berwick, Pennsylvania, from 1941 through 1943. The M3A1 Light Tank was the United States Army's standard model after the beginning of World War II. The British nicknamed the M3 "General Stuart" after they received the first M3 on a lend/lease program. The M3A1 was designed to remedy some of the problems of the previous model M3. There were changes made to the turret, Westinghouse Gyrostabilizer, and oil gear hydraulic traversing mechanism. This model was used by the 1<sup>st</sup> Cavalry Division's, 603<sup>rd</sup> Light Tank Company during World War II.

**Vehicle Characteristics:**

Length:	14ft
Width:	7ft
Weight:	14 tons
Height:	7ft
Range:	74 miles
Speed:	36 mph (max speed)
Crew:	4
Main Gun:	37mm
Rate of fire:	up to 25 rounds per minute
Muzzle velocity:	up to 2,900 ft/s (884 m/s)
Maximum range:	4.29 mi (6.9 km)
Machine Gun:	Two .30 Caliber

RA PD 315753

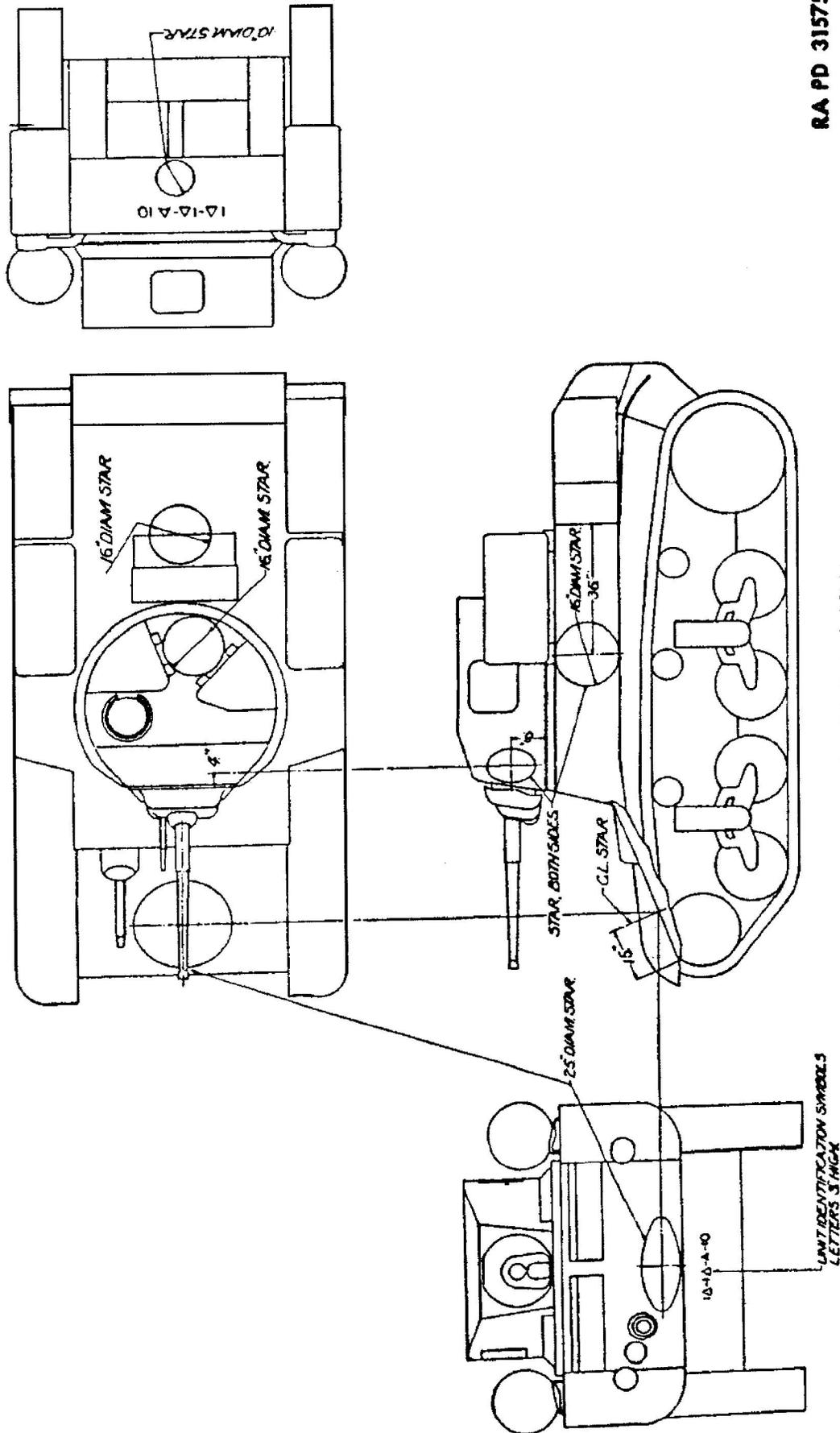


Figure 37.—Light tank M3A1.

[A. G. 400.161 (10 Nov 43).] (C 9, 27 Jan 44.)