

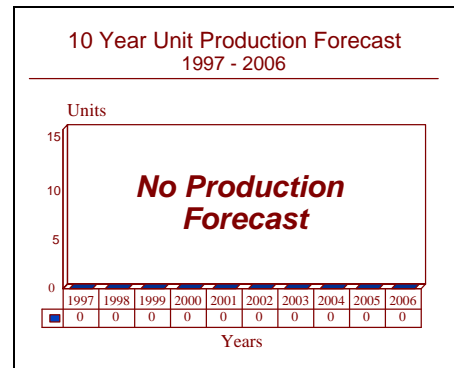
# ARCHIVED REPORT

For data and forecasts on current programs please visit  
[www.forecastinternational.com](http://www.forecastinternational.com) or call +1 203.426.0800

## M41 Walker Bulldog - Archived 3/97

### Outlook

- Production of the M41 completed in 1955
- A total of 5,467 M41 tanks manufactured
- M41 remains in service in at least 13 nations
- No additional significant modernization or retrofit programs for this tank are forecast



### Orientation

**Description.** A tank

**Sponsor.** The development and United States procurement of the M41 was sponsored by the United States Department of Defense through the United States Army.

**Contractors.** This tank was manufactured by the Cadillac Motor Car Division of General Motors Corporation at the Cleveland Tank Plant, Cleveland, Ohio, United States of America. The principal subcontractors were Continental Motors (now Teledyne Continental Motors) and Watervliet Arsenal.

**Licensees.** None

**Status.** The serial production of the M41 ended in mid-1955.

**Total Produced.** A total of 5,467 M41 tanks was produced.

**Application.** A light tank for the support of infantry in the field as well as offensive and defensive operations.

**Price Range.** The M41 has been extensively traded on the free market by international arms merchants. The latest sale for a used, reconditioned M41 yielded a unit price of \$162,000 in 1988. In early 1997, a tank in the same condition is offered for around \$116,000.

### Technical Data

**Crew.** Four: commander, gunner, loader, driver.

**Armor.** The M41 is fitted with conventional steel alloy armor with a maximum thickness of 3.8 centimeters (1.5 inches) on the mantlet.

**Dimensions.** The following data are for the M41A2/A3.

	SI units	US units
Length	8.21 meters	26.94 feet
Width	3.2 meters	10.5 feet
Height	3.08 meters	10.1 feet
Weight	23.5 tonnes	25.9 tons
Fuel capacity	530 liters	140.9 gallons

**Performance.** The maximum speed and range figures are on a metalled road. With preparation, the M41 can ford to a depth of 2.44 meters (8.01 feet).

Maximum speed	72 kilometers per hour	44.7 miles per hour
Maximum range	161 kilometers	99.98 statute miles
Step	71.1 centimeters	2.3 feet
Trench	1.83 meters	6.0 feet
Slope	30%	30%
Gradient	30%	30%
Fording	1.02 meters	3.35 feet

**Engine.** The M41 and M41A1 use the Continental (now Teledyne Continental) AOS-895-3 six cylinder spark ignition engine. This supercharged engine is rated at 372.85 kilowatts (500 horsepower) at 46.67 revolutions per second (2,800 revolutions per minute). The M41A2 and A3 use the Continental or Lycoming (now Textron Lycoming) AOSI-895-5 fuel injected version of this engine with the same power rating. The power-to-weight ratio is 15.87 kilowatts per tonne (19.31 horsepower per ton).

**Gearbox.** This tank uses the General Motors Corporation/Allison Transmission Division CD-500-3 gearbox with one forward and one reverse gear ratios.

**Suspension and Running Gear.** A torsion bar type suspension is used with five dual tired road wheels and

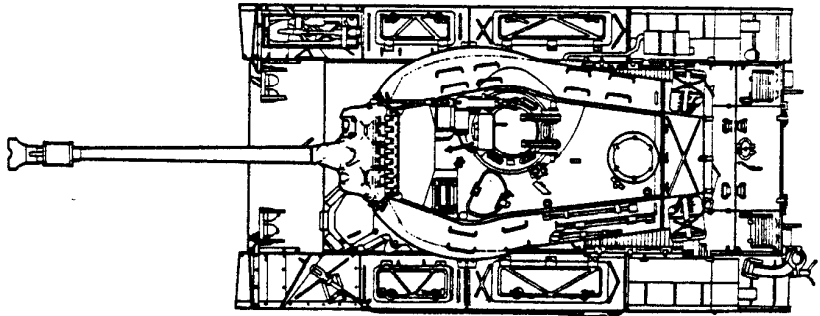
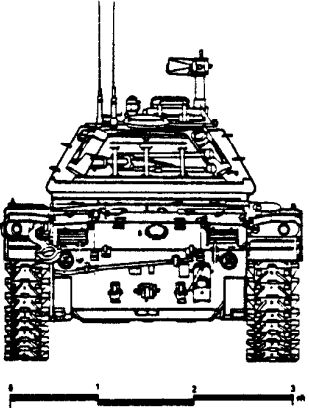
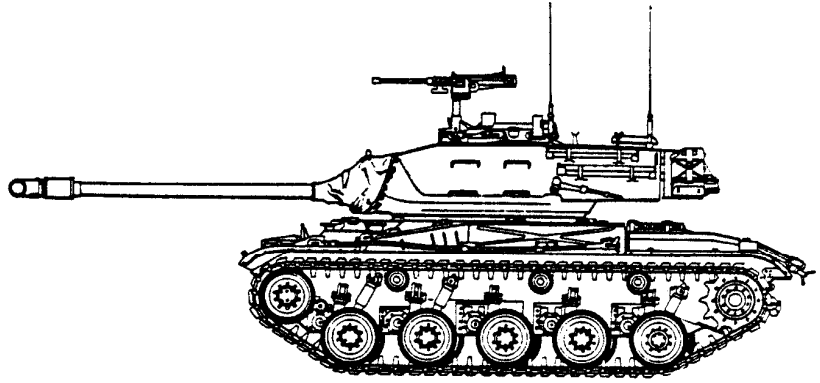
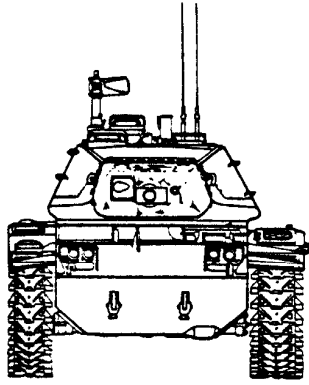
three return rollers on each side. The first, second and fifth road wheel stations are fitted with hydraulic shock dampers.

**Armament.** For its main armament, the M41 mounts the 76 millimeter M32 tank cannon while the M41A1, A2 and A3 use the M32A1 version of the same weapon. A M1919A4E1 30 caliber machine gun is coaxially mounted and a M2HB 12.7 millimeter machine gun is mounted on the turret roof at the commander's position.

**Fire Control.** This tank is fitted with only a basic optical based fire control suite. The gunner has a M97A1 telescopic sight for the main armament and an additional M20A1 periscope with 360 degree coverage. The commander is also provided with an M20A1 periscope.

## Variants/Upgrades

**Variants.** During its service life to date, no variants of this tank, such as a recovery vehicle or repair vehicle have been developed to production level.



M41A2 Walker Bulldog Light Tank

Source: Forecast International

\* \* \*