# Armored Multi-Purpose Vehicle (AMPV)

*Armored Multi-Purpose Vehicle uses, clockwise from top left: General Purpose | Mission Command | Mortar Carrier | Medical Treatment with Shelter | Medical Evacuation*

**In February 2025, the Army conducted a Soldier Touchpoint (STP) to observe soldiers' performance installing and removing a composite rubber track (CRT) on the Armored Multi-Purpose Vehicle (AMPV) Medical Treatment (MT) variant. The Army also collected soldier feedback on ride quality and track maintenance during preventive maintenance checks and services.**

## SYSTEM DESCRIPTION

The AMPV is a tracked, ground combat vehicle that supports casualty evacuation and treatment, command post operations, logistical resupply, and heavy mortar fire support to an armored brigade combat team (ABCT). There are five variants: General Purpose (GP), Mission Command (MCmd), MT, Medical Evacuation (ME), and Mortar Carrier (MC). Variants are equipped with tailored mission equipment packages to support units' tasks.

## MISSION

ABCTs employ the AMPV Family of Vehicles to accomplish required operational support missions across the range of military operations. ABCT units use AMPVs to support casualty evacuation and treatment, command post operations, logistical resupply, and heavy mortar fire support.

## PROGRAM

The AMPV is an Acquisition Category IC program under the major capability acquisition pathway. DOT&E published a combined IOT&E and LFT&E report with a classified annex in January 2023 to inform the full-rate production decision in June 2023. In July 2023, the Army completed baseline testing of the CRT on an AMPV MT to inform the characterization and durability of the CRT, and the automotive performance and ride quality.

The Army intends to submit an updated TEMP and LFT&E test plan to DOT&E for approval in 2QFY26. Live fire testing is scheduled to commence in 3QFY26 to collect data on the survivability and repairability of

the CRT, and to assess post-threat impact on the AMPV's mobility. As part of live fire testing, the Army intends to conduct a STP to collect soldier feedback on installing and operating a damaged track with a battlefield damage repair kit. DOT&E intends to observe the live fire testing and to publish a classified LFT&E report in 1QFY27 to inform the Army's engineering change proposal production cut-in decision scheduled for 2QFY27.

### » MAJOR CONTRACTOR

- BAE Systems – York, Pennsylvania

## TEST ADEQUACY

In February 2025, the Army conducted an STP at Aberdeen Test Center, Maryland, to observe soldiers' performance conducting a full-track removal and installation of the CRT on an AMPV MT with support from a M88A2 recovery vehicle. The Army also collected soldier feedback on ride quality and track maintenance during preventive maintenance checks and services. DOT&E observed the testing.

## PERFORMANCE

### » EFFECTIVENESS

There are no updates to DOT&E's operational effectiveness evaluation from the January 2023 combined IOT&E and LFT&E report.

### » SUTIABILITY AND SURVIVABILITY

DOT&E intends to use the STP observations and the 3QFY26 LFT&E data to publish a classified LFT&E report in 1QFY27, assessing suitability and survivability.

## RECOMMENDATION

The Program Executive Office should:

1. Provide to DOT&E for approval LFT&E test plans for assessing suitability and survivability once the plans are finalized.