

BRADLEY GUNNERY

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PREFACE

This manual provides Bradley-equipped units—

- M2/M3 Bradley gunnery theory, methods, and techniques.
- A description of system features and capabilities.
- A program to train and evaluate individual, crew, section, and platoon proficiency in Bradley gunnery.

Features of the Bradley system that do not affect gunnery doctrine and techniques are in the applicable operator's manuals. Because technical manuals (TMs) have priority updates, in all instances where the procedures in this manual conflict with TM procedures, the TM will be followed. All references to ARTEP 7-8-MTP should be replaced with ARTEP 7-7J-MTP when published.

All references to division commands and division master gunners include enhanced or separate brigade commands and brigade master gunners.

This manual consists of two parts: Part One is the Crew Member's Handbook containing specific information for the crew member; Part Two is the Training Manager's Handbook containing the information training managers and master gunners need to develop BFV training. This manual includes cavalry and air defense artillery BFV gunnery information specific to their missions.

This manual should receive widest dissemination. It should be used by commanders, staff, master gunners, and leaders at all levels to develop gunnery programs to sustain combat readiness.

The proponent of this publication is United States Army Infantry School. Submit changes for improving this publication on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forward to Commandant, United States Army Infantry School, ATTN: ATSH-IN-S3, Fort Benning, Georgia 31905-5594.

Unless this publication states otherwise, masculine nouns and pronouns do not refer exclusively to men.

Part One
Crew Member's Handbook

CHAPTER 1

**SYSTEM CHARACTERISTICS
AND CAPABILITIES**

The Bradley fighting vehicle provides the infantry, cavalry, and air defense with firepower, armor protection, and battlefield agility and yet the infantry retains its traditional ability of fighting on foot. To effectively employ the Bradley, soldiers must know the characteristics and capabilities of the vehicle and its weapons systems. As the Bradley is upgraded and improved and as Army doctrine changes, soldiers must know how to capitalize on the Bradley's capabilities.

Section I

VEHICLE CHARACTERISTICS

The Bradley fighting vehicle consists of two models—the M2 infantry fighting vehicle and the M3 cavalry fighting vehicle. (ADA units have the M3.) Each model has three variants—the M2/M3, M2A2/M3A2, and M2A2ODS/M3A2ODS (Operation Desert Storm). These variants represent improvements in the vehicle's systems and capabilities (Table 1-1, page 1-3).

1-1. BRADLEY M2/M3 AND M2A2/M3A2

The M2/M3 is the original vehicle fielded in 1983. Since then, Bradleys have been upgraded to A1, then A2 variants. (In 1992, all A1 Bradleys began being remanufactured to A2s.) The A2 improvements consist of—

- 600-horsepower powertrain.
- 30-mm protection.
- Span liners.
- Equipped for armor tile.