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OPERATORS MANUAL

AIRCREW SURVIVAL ARMOR

RECOVERY VEST, INSERT,

AND PACKETS

(SARVIP)

DISTRIBUTION STATEMENT A

Approved for public release  
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HEADQUARTERS  
DEPARTMENT OF THE ARMY

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TECHNICAL MANUAL

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HEADQUARTERS  
DEPARTMENT OF THE ARMY  
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**Operator's Manual**

**AIRCREW SURVIVAL ARMOR RECOVERY  
VEST, INSERT, AND PACKETS**

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual If you find any mistakes or if you know of a way to improve the procedures, please let us know Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), direct to Commander, U S Army Aviation Systems Command, ATTN AMSAV-MC, 4300 Goodfellow Boulevard, St Louis, MO 63120-1798 A reply will be furnished to you.

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## CHAPTER 1

### INTRODUCTION

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#### Section I. GENERAL INFORMATION

**1-1. SCOPE.** This manual is for your use when, as an air-crew member, you are required to use the Aircrew Survival Armor Recovery Vest, Insert, and Packets (SARVIP). The purpose of this manual is to provide you with a description of the components and instructions on their intended use and care.

**1-2. MAINTENANCE FORMS AND PROCEDURES.** Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-751, Functional User's Manual for the Army Maintenance Management System Aviation (TAMMS-A).

**1-3. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR'S).** If your SARVIP needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. Put it on an SF 368 (Product Quality Deficiency Report). Mail it to us at. Commander, U S Army Aviation Systems Command, ATTN AMSAV-QRF, 4300 Goodfellow Boulevard, St Louis MO 63120-1798. We will send you a reply.

**1-4. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE.** Procedures for destroying Army materiel to prevent enemy use are listed in TM 750-244-3.

## **Section II. EQUIPMENT DESCRIPTION**

### **1-5. EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES.**

The Aircrew Survival Armor Recovery Vest, Insert, and Packets (SARVIP) is a three part system: survival vest, armor insert with carrier, and survival, signal and communication components.

Vest. The vest is fabricated from raschel knit and fire resistant aramid oxford fabrics. It contains a total of twelve pockets; ten outer and two inner. Together these pockets house all survival, signal and communication components. For rescue-lift, a nylon webbing harness system is permanently attached to the vest in a cradle fashion and contains both leg and chest straps. The chest strap also provides the means for attaching the LPU/10 life preservers. The vest also provides means for attaching a motor housing and face mask carrier when wearing MOPP clothing.

Insert. The armor insert consists of a laminated ceramic/fiberglass composite backed with a 3/4 inch thick foam padding. The foam padding provides blunt trauma protection when