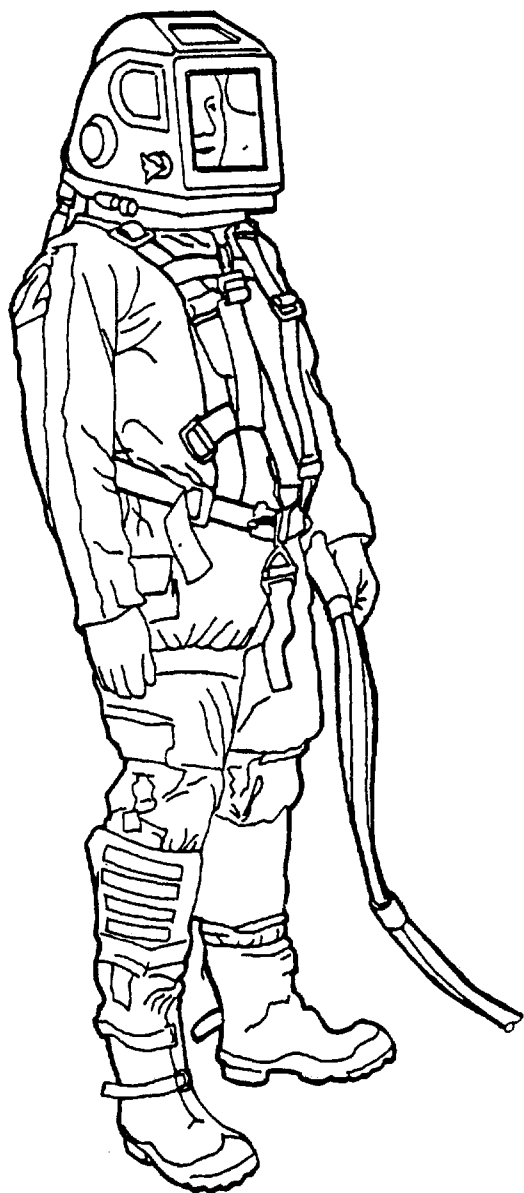


TECHNICAL MANUAL
OPERATOR, UNIT, DIRECT SUPPORT, AND GENERAL
SUPPORT MAINTENANCE MANUAL
**MK12 SURFACE SUPPORTED DIVING
SYSTEM (SSDS)**
(NSN 4220-01-097-5674)



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HEADQUARTERS, DEPARTMENT OF THE ARMY

30 SEPTEMBER 1992

TECHNICAL MANUAL

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HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 30 SEPTEMBER 1992

Operator, Unit, Direct Support, and General Support Maintenance Manual
for
MK12 SURFACE SUPPORTED DIVING SYSTEM (SSDS)
(NSN 4220-01-097-5674)

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, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual direct to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MMTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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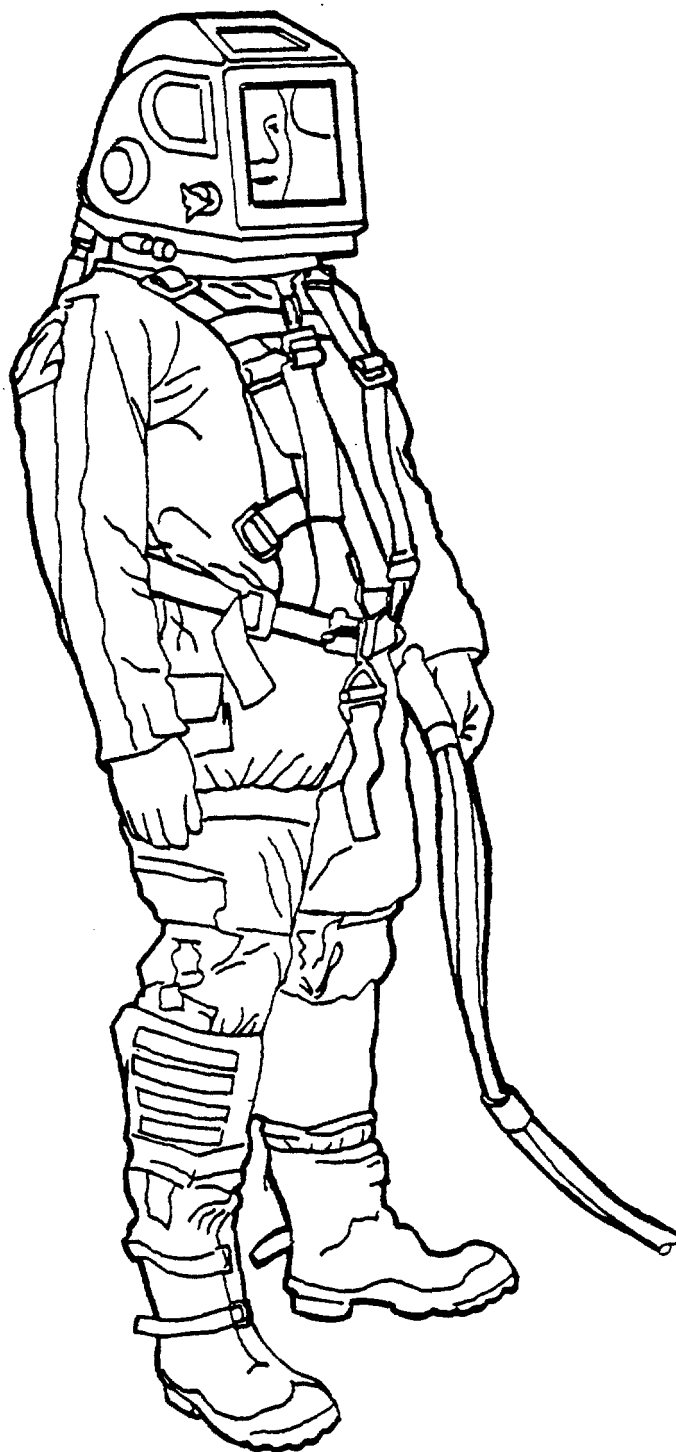


Figure 1-1. MK12 Surface Supported Diving System (SSDS).

CHAPTER 1

INTRODUCTION

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OVERVIEW

This chapter contains general information pertaining to MK12 Surface Supported Diving System (SSDS), and its components.

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1-1. **Scope.** This manual contains information necessary to operate, troubleshoot, repair, and maintain the MK12 Surface Supported Diving System (SSDS) and its associated equipment at the Operator, Unit, Direct Support, and General Support maintenance levels. The MK12 SSDS is depicted in figure 1-1. The MK12 SSDS provides diver support and communications for working divers with air as the breathing medium. This manual does not include instructions in the principles of diving or in the conduct of diving operations. All users of this equipment must be qualified Army divers or trainees under the operational control of a designated diving officer of an authorized diving command or activity.

1-2. **Maintenance Forms, Records and Reports.** Department of the Army forms and procedures used for equipment maintenance will be those prescribed in DA PAM 738-750, The Army Maintenance Management System (TAMMS).

1-3. **Destruction of Army Materiel to Prevent Enemy Use.** To prevent enemy use of the MK12 SSDS, follow the procedures given in TM 750-244-1-2, Destruction of Army Materiel to Prevent Enemy Use.

1-4. **Preparation for Shipment or Storage.** Refer to Chapter 4, Section VI, and SB 742-97-01, for Storage Serviceability Standard for TROSCOM materiel procedures to place the equipment into storage and prepare equipment for shipment.

1-5. **Reporting Equipment Improvement Recommendations (EIRs).** If your MK12 SSDS 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 (Quality