TECHNICAL MANUAL

PREPARATION FOR SHIPMENT

OF AH-1 HELICOPTERS

This manual supersedes TM 55-1500-339-S, 27 July 1977, including all changes.

HEADQUARTERS, DEPARTMENT OF THE ARMY
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HEADQUARTERS
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REPORTING OF ERRORS

You can help improve this manual. If you find 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 directly to Commander, US Army Aviation Systems Command, ATTN: AMSAV-MPSD, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished to you.

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CHAPTER 1
INTRODUCTION

Section I. PURPOSE

1-1. Purpose. This manual prescribes methods and procedures for preparing the AH-1 helicopter for CONUS and overseas logistical and tactical shipments. Unless otherwise stated, it applies to all AH-l/TH-1 series helicopters.

Section II. GENERAL

1-2. Delivery.

a. Flight delivery, when feasible, is the preferred method of transporting aircraft. Delivery by any other method requires preparation of the AH-1 to prevent damage and corrosion.

b. The AH-1 is only designed to withstand stresses encountered in flight. The packer/shipper must prevent damage from vibration, impact, and other shipping hazards by careful preparation and handling. Mounts and tiedowns described in this manual are designed accordingly.

1-3. Deviations. Individual aircraft configuration may vary due to modifications or mission requirements. No special authorization is required to make minor departures from the manual to cope with such situations.

1-4. Dimensions. Overall AH-1 dimensions for planning space requirements are found on figure 1-2, and in the Operator's Manual.

1-5. Disassembly. Perform all disassembly called out in this manual in accordance with the following publications:

AH-1G	TM 55-1520-221-10
	TM 55-1520-221-23
AH-1 S	TM 55-1520-234-10
	TM 55-1520-234-23
	TM 55-1520-236-10
	TM 55-1520-236-23

1-6. Classified Materials. Handle all classified materials in accordance with local procedures.

1-7. Packaging Materials.

a. Packaging materials are called out in this manual by -C number, referencing Appendix D, Table of Consumables.

b. Cushioning consists of shock-absorbing materials or devices which protect components from physical damage. Acceptable cushionings include polyethylene sheeting (C-14) and polypropylene foam IC-15).

c. Items protected with contact preservative must be wrapped with barrier material(C-2) before being covered with cushioning. On partially coated large items, it may be suitable to use barrier material only over coated areas. Regardless of use of preservative, barrier material must protect all parts which could be damaged by fragments of cushioning.

Section III. PRESERVATION CHECKSHEETS

1-8. Preservation Checksheets.

a. The organization actually preparing the helicopter for shipment is responsible for writing preservation checksheets based on the preservation required. An example of a preservation checksheet is in Appendix B.

All data on page 1-2, including Figure 1-1, is deleted.