
TECHNICAL MANUAL

**OPERATOR'S, UNIT, DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE MANUAL FOR**

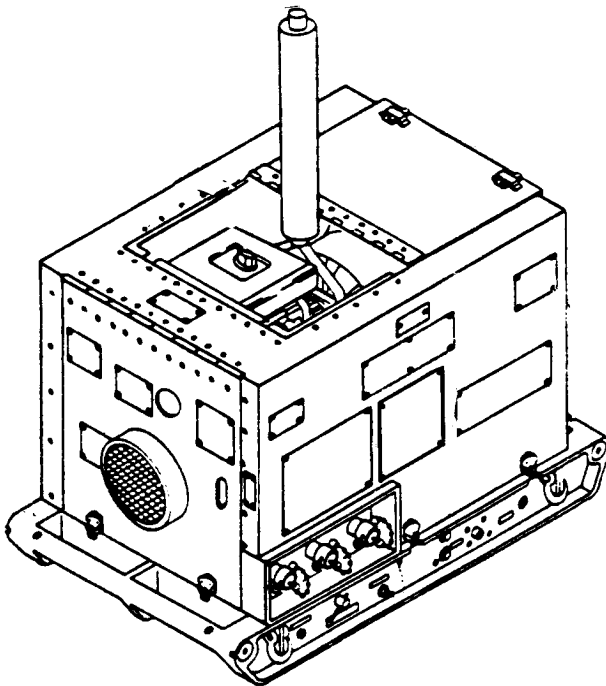


TABLE OF CONTENTS I

INTRODUCTION 1-1

OPERATING INSTRUCTIONS 2-1

OPERATOR MAINTENANCE 3-1

UNIT MAINTENANCE 4-1

**DIRECT SUPPORT
MAINTENANCE 5-1**

**GENERAL SUPPORT
MAINTENANCE 6-1**

This copy is a reprint which includes current
pages from Changes 1 and 2.

**SMALL MOBILE WATER CHILLER
(4130-01-333-6086)**

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** This manual supersedes Change 4 to TM 5-4130-237-14, dated 17 April 1991.*

**HEADQUARTERS, DEPARTMENT OF THE ARMY
14 November 1991**

TECHNICAL MANUAL

NO. 10-4130-239-14

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 14 November 1991

**Operator's, Unit, Direct Support and General
Support Maintenance Manual
FOR
SMALL MOBILE WATER CHILLER
(4130-01-333-6086)**

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 these procedures, please let us know. Mail your letter or 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 and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. You may also submit your recommended changes by E-mail directly to <mpmt%avma28@st-louis-emh7.army.mil>. A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

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	Page
How to Use This Manual	iii
I CHAPTER 1 INTRODUCTION I	1-1
Section I General Information	1-1
Section II Equipment Description and Data1-2	1-1
Section III Principles of Operation.....	1-6
CHAPTER 2 OPERATING INSTRUCTIONS I	2-1
Section I Description and Use of Operator's Controls and Indicators.....	2-1
Section II Operator Preventive Maintenance Checks and Services (PMCS)	2-3
Section III Operation Under Usual Conditions	2-16
Section IV Operation Under Unusual Conditions	2-31
CHAPTER 3 OPERATOR MAINTENANCE INSTRUCTIONS I	3-1
Section I Lubrication Instructions	3-1
Section II Troubleshooting Procedures.....	3-1
Section III Operator's Maintenance Procedures	3-3

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Change 3 i

	Page
CHAPTER 4 UNIT MAINTENANCE INSTRUCTIONS	4-1
Section I Lubrication Instructions	4-1
Section II Repair Parts; Special Tools; Test, Measure- ment, and Diagnostic Equipment (TMDE); and Support Equipment	4-2
Section III Service Upon Receipt	4-2
Section IV Unit Preventive Maintenance and Services (PMCS)	4-8
Section V Unit Troubleshooting	4-14
Section VI Maintenance Procedures	4-19
Section VII Preparation for Storage or Shipment	4-104
CHAPTER 5 DIRECT SUPPORT MAINTENANCE	5-1
Section I Troubleshooting	5-1
Section II General Maintenance Procedures	5-3
Section III Maintenance Procedures	5-19
CHAPTER 6 GENERAL SUPPORT MAINTENANCE	6-1
APPENDIX A REFERENCES	A-1
APPENDIX B MAINTENANCE ALLOCATION CHART	B-1
APPENDIX C COMPONENTS OF END ITEM AND BASIC ISSUE ITEMS LISTS	C-1
APPENDIX D ADDITIONAL AUTHORIZATION LIST	D-1
APPENDIX E EXPENDABLE/DURABLE SUPPLIES AND MATERIALS LIST	E-1
APPENDIX F ILLUSTRATED LIST OF MANUFACTURED ITEMS	F-1
INDEX	Index-1

HOW TO USE THIS MANUAL

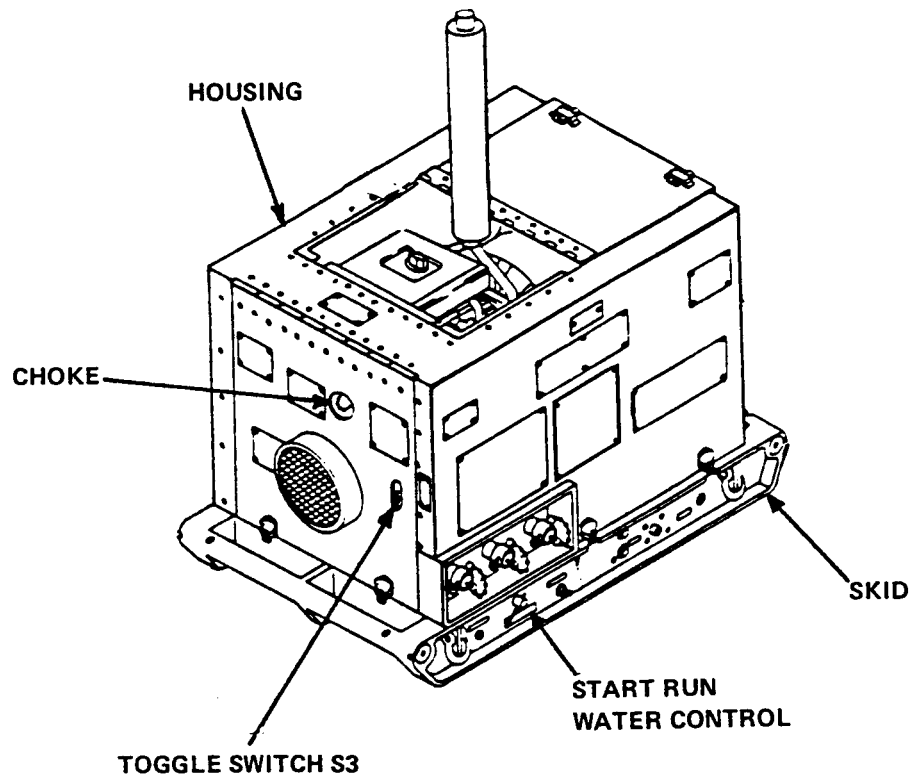
This manual is designed to help you operate and maintain the Small Mobile Water Chiller. The front cover table of contents is provided for quick reference to important information. There is also an index located in the final pages for use in locating specific items of information.

Measurements in the manual are given in both US standard and metric units. A metric to US standard conversion chart can be found on the inside back cover.

Read all preliminary information found at the beginning of each task. It has important information and safety instructions you must follow before beginning the task.

Warning pages are located in the front of this manual. You should read the warnings before operating or doing maintenance on the equipment.

A subject index appears at the beginning of each chapter listing sections that are included in that chapter. A more specific index is located at the beginning of each section to help you find the exact paragraph you're looking for.



CHAPTER 1

INTRODUCTION

INDEX

SECTION	TITLE	PAGE
I.	GENERAL INFORMATION	1-1
II.	EQUIPMENT DESCRIPTION AND DATA	1-2
III.	PRINCIPLES OF OPERATION	1-6

Section I. GENERAL INFORMATION

1-1. SCOPE.

a. Type of Manual: Operator's, Unit, Direct and General Support Maintenance.

b. Model Number and Equipment Name: Airtacs model A-WC40-G/E, Small Mobile Water Chiller, 40 GPH at 70 Degrees with Support Kit and Trailer Mounting Kits.

Purpose of Equipment: The water chiller cools intake water to 60°F (16°C) and delivers it at 40 gallons (151 liters) per hour.

1-2. MAINTENANCE FORMS, RECORDS AND REPORTS. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, The Army Maintenance Management System (TAMMS) .

1-3. DESTRUCTION OF ARMY MATERIAL TO PREVENT ENEMY USE. Refer to TM-750-244-3, Procedures for Destruction of Equipment to Prevent Enemy Use, for information about destruction.

1-4. PREPARATION FOR STORAGE OR SHIPMENT.

a. Placement of equipment in administrative storage should be for short periods of time when a shortage of maintenance effort exists. Items should be in mission readiness within 24 hours or within the time factors as determined by the directing authority. During the storage period appropriate maintenance records will be kept.

b. Before placing equipment in administrative storage, next scheduled maintenance service should be completed, shortcomings and deficiencies should be corrected, and all Modification Work Orders (MWO'S) should be applied.