

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL DIRECT SUPPORT, GENERAL SUPPORT AND DEPOT MAINTENANCE MANUAL

WELDING SET ARC, INERT GAS SHIELDED: WATER COOLED ALUMINUM WELDING, GENERAL PURPOSE (AIRCO MODEL 2351 1209) FSN 3431-731-4163

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DEPARTMENT OF THE ARMY
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(AIRCO MODEL 2351 1209)
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PART I
GENERAL

Section I. INTRODUCTION

1.1 Scope

a. This manual is published for the use of personnel to whom the Arc Welding Set (Airco Model 2351-1209) is issued. The set consists of five end items described in Parts II through VI. Each part furnishes instruction on the installation, operation, and maintenance of a specific end item.

b. Appendix A contains a list of publications applicable to this manual. Appendix B contains a list of basic Issue items authorized the operator of this equipment. Appendix C contains the maintenance allocation chart.

1.2 Forms and Records

Forms and procedures used for equipment maintenance will be only those prescribed in TM 38-750 (Army Equipment Record Procedures).

Section II. DESCRIPTION AND DATA

1.3 Description

The five end items comprising the set are listed below together with their part numbers.

<u>Item</u>	<u>Part Number</u>
Style 8000 Regulator	8068054
Model AHC-1 Gun	2351 1150
Model AHF-E1 Feeder	2351 1100
Model AHC-B Control	2351 0504
Water Circulator Unit	2304 0171

1.4 Tabulated Data

a. Welding Set/

<u>Item</u>	<u>Part Number</u>	<u>Amount</u>
Hose Connection Gland	803-0247	4
Hose Connection Nut (L.H.)	803-0254	2
Hose Connection Nut (R.H.)	803-0255	2