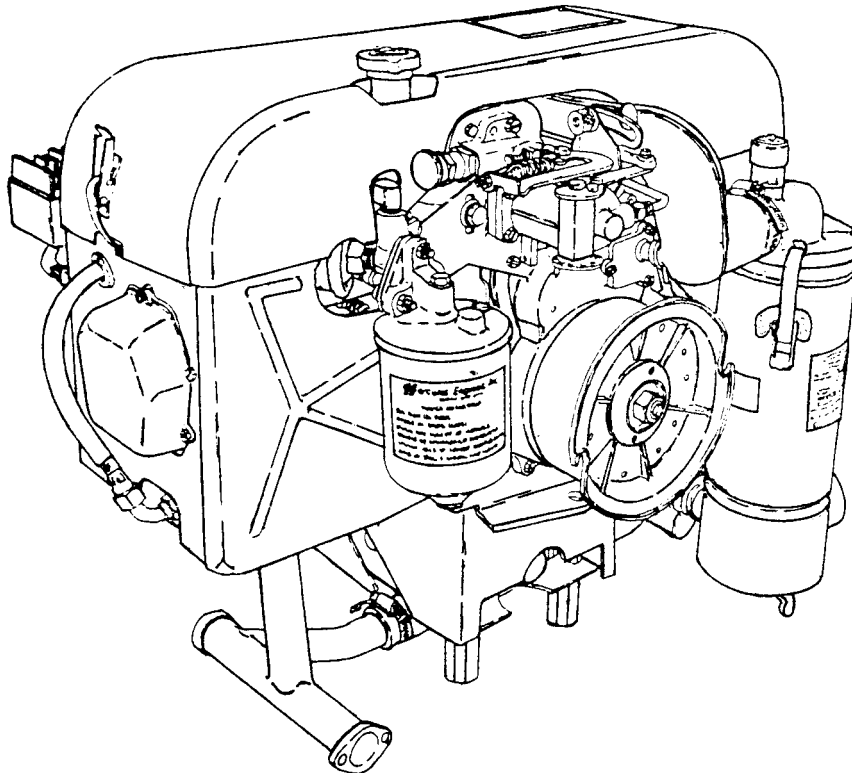


***ARMY TM 9-2805-258-14
AIR FORCE TO 38G2-89-21
NAVY NAVFAC P-8-614-14E**

**TECHNICAL MANUAL
OPERATOR, UNIT, DIRECT SUPPORT, GENERAL SUPPORT
MAINTENANCE MANUAL**



**ENGINE, GASOLINE, 10 HP,
MILITARY STANDARD MODELS
(MODEL 2A042-2, NSN 2805-00-952-3927)
(MODEL 2A042-3, NSN 2805-00-872-5971)**

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*This manual supersedes (Army) TM 5-2805-258-14, (Air Force) TO 38G2-89-21, and (Navy) NAVFAC P-8-614-14E, dated 10 June 1969 in its entirety including all changes.

**HEADQUARTERS, DEPARTMENTS OF THE ARMY AND THE
AIR FORCE**

23 NOVEMBER 1990

TECHNICAL MANUAL 9-2805-258-14
TECHNICAL ORDER 38G2-89-21

HEADQUARTERS, DEPARTMENTS OF THE ARMY,
THE AIR FORCE, AND THE NAVY

NAVY NAVFAC P-8-614-14E WASHINGTON, D. C., 23 November 1990

Operator, Unit, Direct Support, General Support Maintenance Manual

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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 20282 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSATIMP, 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.

For Air Force, submit AFTO Form, 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 65, Section VI, TO. 0051. Forward direct to Commander, San Antonio Air Logistic Center, ATTN: SA-ALC-MMDDA, Kelly Air Force Base. Texas 78241-5000.

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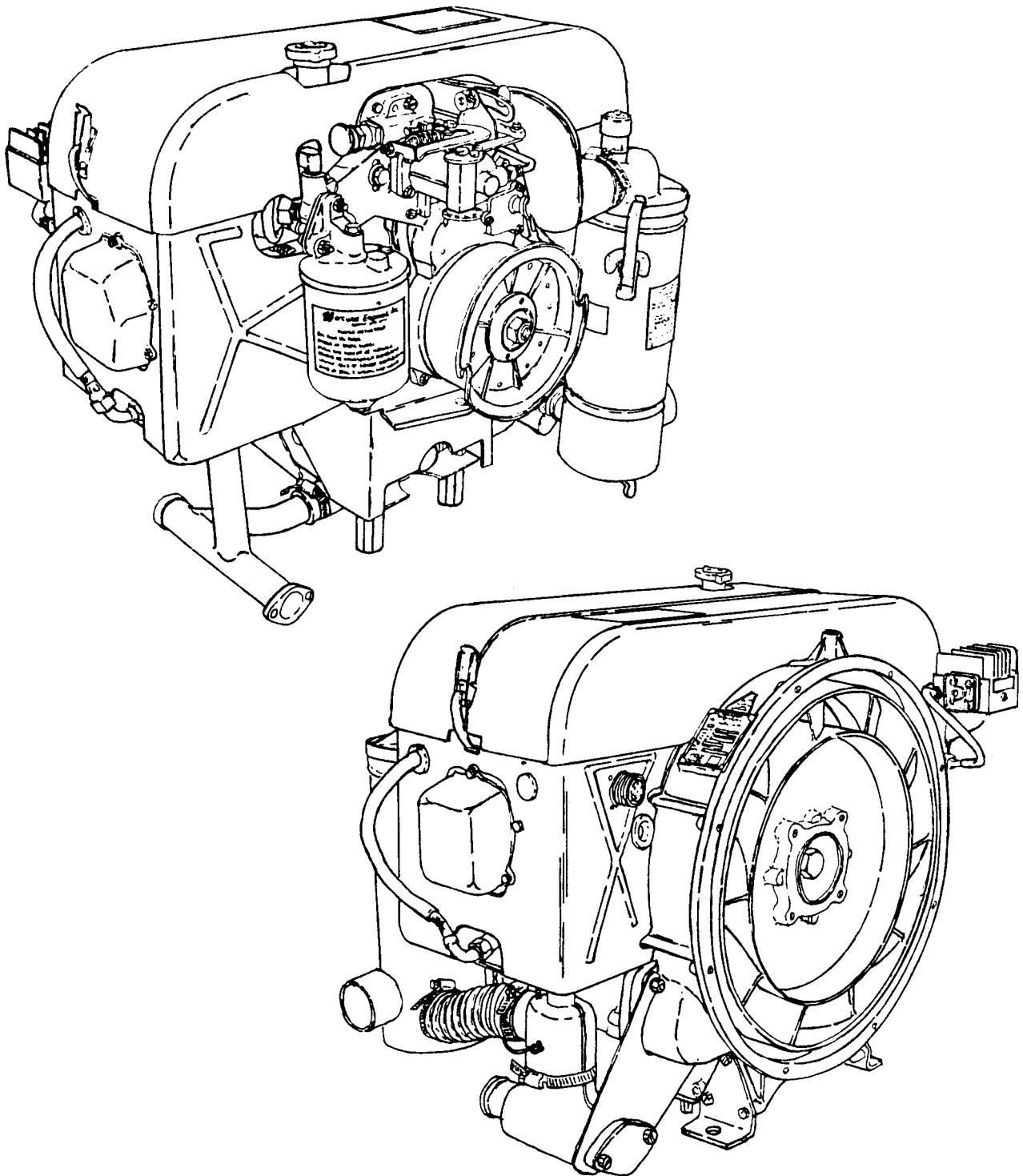
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Figure 1-1. Military Standard Engine.

CHAPTER 1

INTRODUCTION

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OVERVIEW

This chapter contains general information pertaining to 10 HP Military Standard Engine and its components.

Section 1. GENERAL INFORMATION

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1-1. **SCOPE.** This manual contains operator, unit, direct support and general support maintenance for the 10 HP Military Standard Engine, Models 2A042-2 and -3 (figures 1-1 and 1-2).

1-2. **Consolidated Index of Army Publications and Blank Forms.** Refer to the latest issue of DA PAM 25-30 to determine whether there are new editions, changes, additional publications pertaining to the equipment

1-3. Maintenance Forms, Records and Reports.

a. Reports of Maintenance and Unsatisfactory Equipment. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750, as contained in Maintenance Management Update. Air Force personnel will use AFR 66-1 Air Force Maintenance Management Policy, for maintenance reporting and TO-00-35D54 for unsatisfactory equipment reporting.

b. Reporting of item and Packaging Discrepancies Fill out and forward SF 364 (Report of Discrepancy in AR 735-11-2/DLAR 414-55/SECNAVINST 4355.18/AFR 400-54/MCO 4430.3J.

c. Transportation Discrepancy Report (TDR) (SF 361) Fill out and forward Transportation Discrepancy Report (TDR) (SF 361) as prescribed in AR 55-28/NAVUSPINST 4610.33C/AFR 75-18/MCO P4610.19D/DLAR 4500.15.