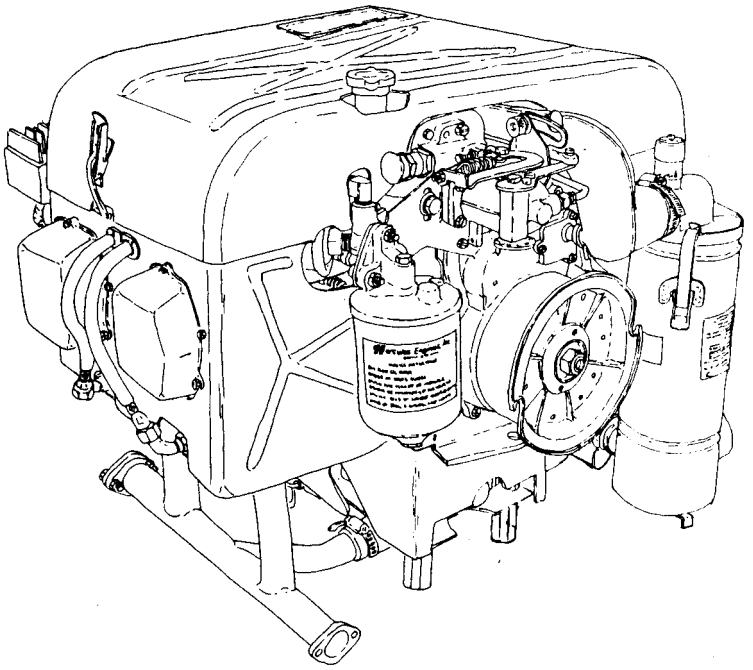
*ARMY TM 9-2805-259-14

AIR FORCE TO 38G2-89-54

NAVY NAVFAC P-8-615-14E

TECHNICAL MANUAL

OPERATOR, UNIT, DIRECT SUPPORT, GENERAL SUPPORT MAINTENANCE MANUAL



ENGINE, GASOLINE, 20 HP, MILITARY STANDARD MODELS (MODEL 4A084-2, NSN 2805-00-952-3926) (MODEL 4A084-3, NSN 2805-00-872-5972) (MODEL 4A084-4, NSN 2805-01-276-5947)

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***This manual supersedes (Army) TM 5-2805-259-14, (Air Force) TO 38G2-89-54, (Navy) NAVFAC P-8-615-14E, DATED 23 May 1969.**

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

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HEADQUARTERS
DEPARTMENTS OF THE ARMY, AIR FORCE AND THE NAVY
WASHINGTON, D.C., 12 June 1990

Operator, Unit, Direct Support and General Support Maintenance Manual

ENGINE, GASOUNE, 20 HP MILITARY STANDARD MODELS (MODEL 4A084-2, NSN 2805-00-952-3926) (MODEL 4A084-3, NSN 2805-00-872-5972) (MODEL 4AO84-4, NSN 2805-01-276-5947)

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 <mpmf/oavma28@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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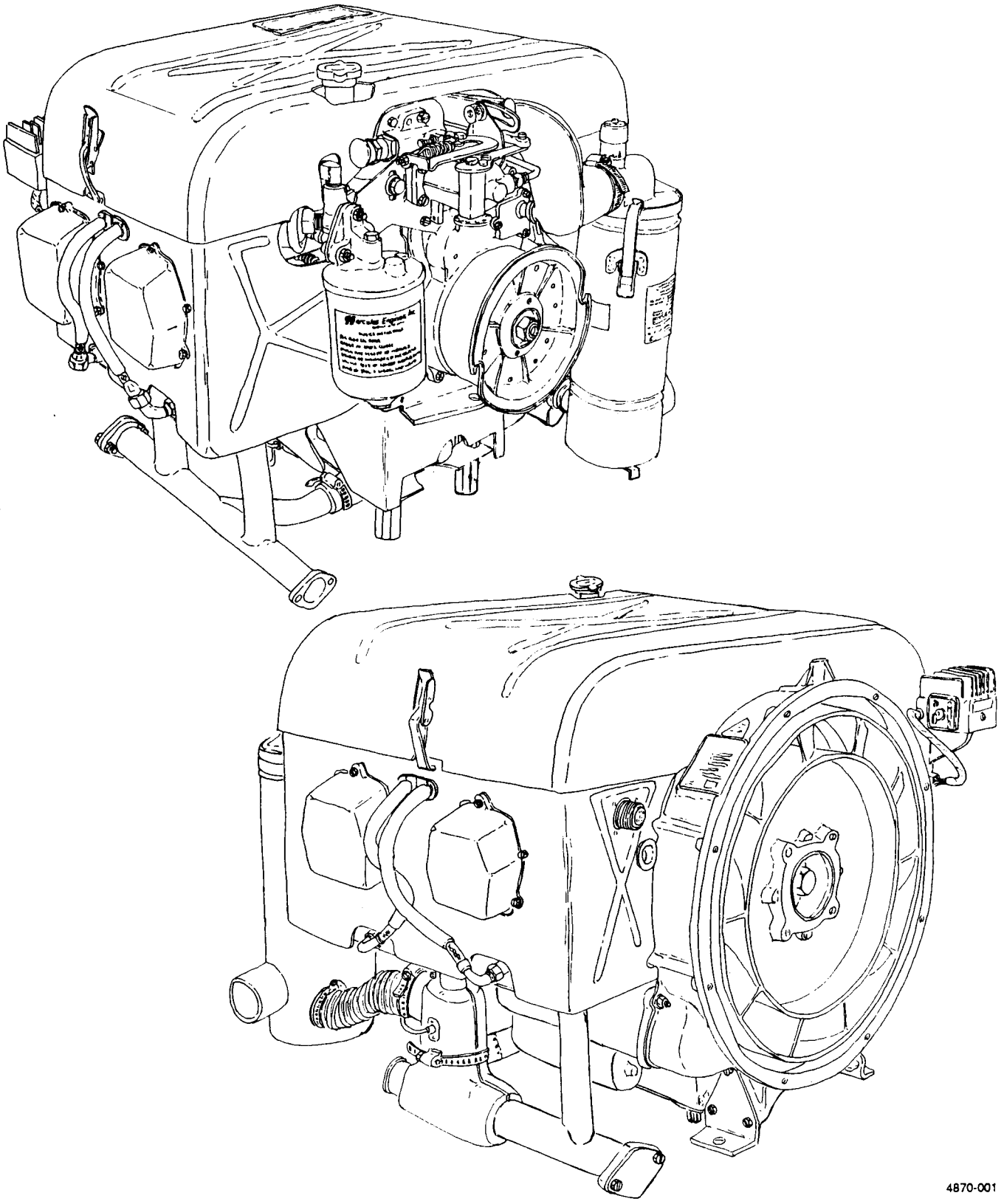

Figure 1-1. Military Standard Engine.

CHAPTER 1

INTRODUCTION

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OVERVIEW

This chapter contains general information pertaining to 20 HP Military Standard Engine and its components.

Section I. GENERAL INFORMATION

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1-1. **Scope.** This manual contains operator, unit, direct support and general support maintenance for the 20 HP Military Standard Engine, Models 4A084-2, -3 and -4 (figure 1-1).

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, or 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. Navy personnel will report maintenance performed utilizing the Maintenance Data Collection Subsystem (MDCS) IAW OPNAVINST 4790.2, Vol 3 and unsatisfactory material/conditions (UR submissions) IAW OPNAVINST 4790.2, Vol 2, chapter 17.

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