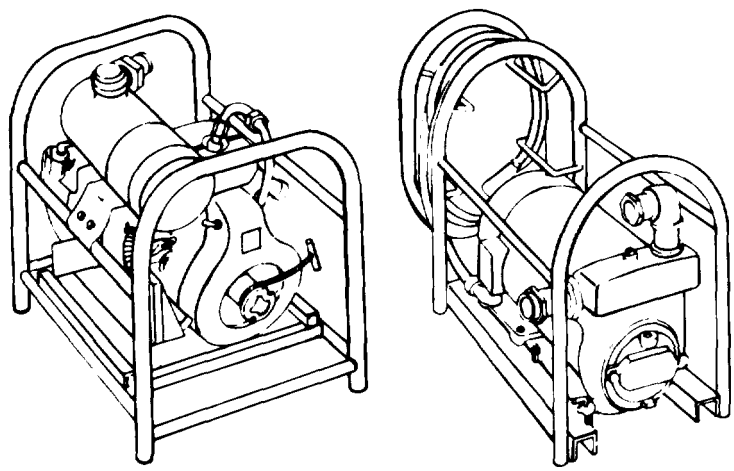
TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL AND DIRECT SUPPORT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)



INTRODUCTION

OPERATING INSTRUCTIONS

OPERATOR MAINTENANCE INSTRUCTIONS

ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

DIRECT SUPPORT MAINTENANCE INSTRUCTIONS

APPENDIX A REFERENCES

APPENDIX B MAINTENANCE ALLOCATION CHART

APPENDIX C ADDITIONAL AUTHORIZED LIST

APPENDIX D REPAIR PARTS AND SPECIAL TOOLS LIST

PUMP, CENTRIFUGAL ´
FRAME MOUNTED, 1 1/2 IN.,
GASOLINE ENGINE DRIVEN, LESS ENGINE,
(BARNES MODEI 17570) NSN 4320-00-752-9466
ELECTRICAL MOTOR DRIVEN,
(SCHLEYER MODEL 4M-SE2000), NSN 4320-00-010-5888
ELECTRICAL MOTOR DRIVEN
(BARNES MODEL US4CCE), NSN 4320-00-937-8099

HEADQUARTERS, DEPARTMENT OF THE ARMY

17 SEPTEMBER 1982

TECHNICAL MANUAL

No. 5-4320-200-13&P

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DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 17 September 1982

OPERATOR'S, ORGANIZATIONAL, AND DIRECT SUPPORT MAINTENANCE MANUAL (INCLUDING REPAIR PARIS AND SPECIAL TOOLS LIST) PUMP, CENTRIFUGAL FRAME MOUNTED, 1 1/2 IN., GASOLINE ENGINE DRIVEN, LESS ENGINE, (BARNES MODEL 17570), NSN 4320-00-752-9466 (SCHLEYER MODEL 4M-SE-2000) NSN 4320-00-752-9466 ELECTRICAL MOTOR DRIVEN, (SCHLEYER MODEL 4M-SE2000), NSN 4320-01-010-5888 (BARNES MODEL US4CCE), NSN 4320-00-937-8099

REPORTING ERRORS **AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you fired any mistake 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 direct@ Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

Distribution Statement A: Approved for public release; distribution is unlimited.

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This manual supersedes TM 5-4320-200-15,27 November 1968, including all changes.

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CHAPTER 1

INTRODUCTION

Section I. GENERAL INFORMATION

1-1. SCOPE.

a. This manual covers three Centrifugal Pumps. These pumps output water at the rate of 65 gallons per minute. One pump is gasoline engine powered and the other two are electric motor powered.

This manual contains operating instructions, and maintenance instructions for Operator's, Organizational and Direct Support Maintenance. The pump (figure 1-1, 1-2) is used to pump fresh water.

b. The gasoline engine is covered in TM 5-2805-256-14.

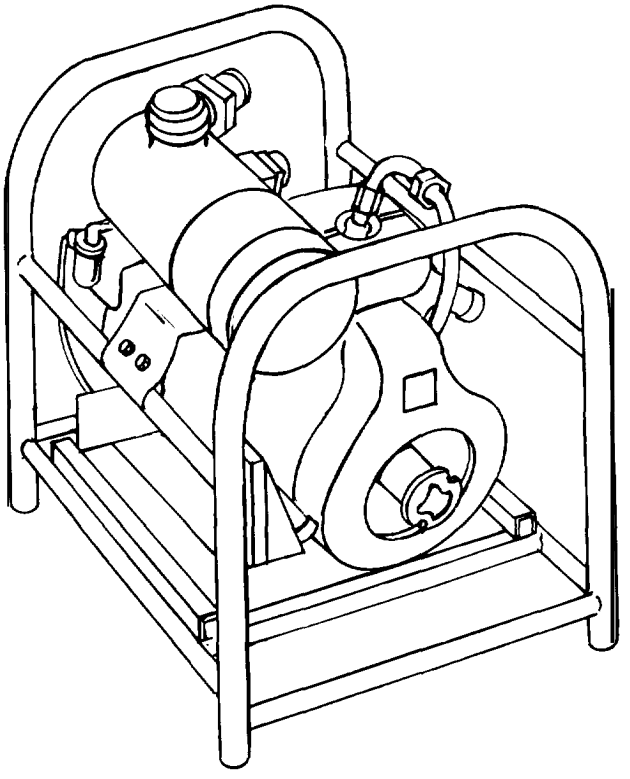

Figure 1-1. Centrifugal Pump (Gasoline Engine Powered)

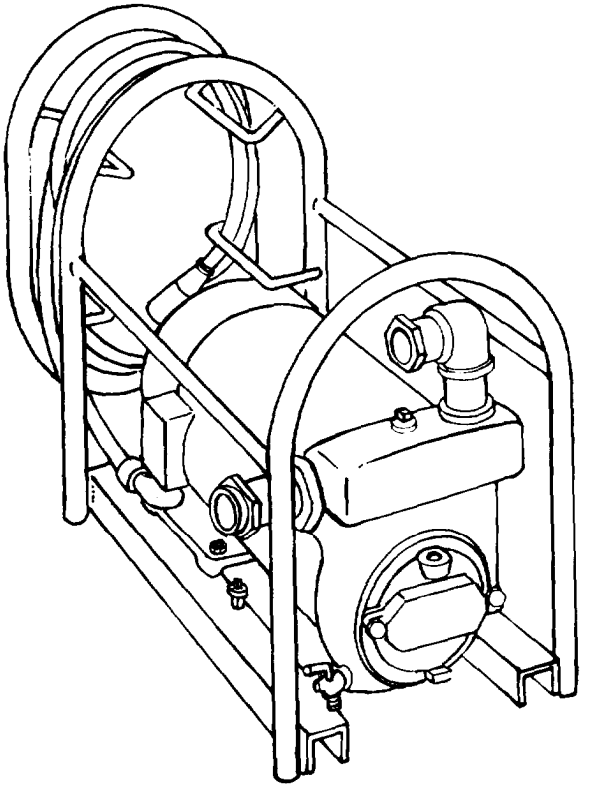

Figure 1-2. Centrifugal Pump (Electric Motor Powered Typical)