

TM 5-6115-440-10

**TECHNICAL MANUAL
OPERATOR'S MAINTENANCE
MANUAL
GENERATOR SET,
7.5 KW, 28V, DC, GED
AIR COOLED, 2 WHEEL MTD
PNEUMATIC TIRES
JOHN R. HOLLINGSWORTH
MODEL JHGV7.5A
FSN 6115-074-6396**

HEADQUARTERS DEPARTMENT OF THE ARMY

FEBRUARY 1971

This copy is a reprint which includes current pages from Changes 1 through 3.

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WASHINGTON, D.C., 2 February 1971

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*** This manual supersedes, so much of TM 5-6115-440-15, 17 June 1968, including all changes as pertains to Operator's maintenance.**

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Purpose and Scope

This manual is for your use in operating the 7.5 KW generator.

1-2. Maintenance Forms and Records

Maintenance forms and records that you are required to use are explained in TM 38-750.

1-3. Recommending Improvements

You can improve this manual by recommending improvements using DA Form 2028 (Recommended Changes to Publications) or a letter, and mail direct to Commanding General, Headquarters, U.S. Army Mobility Equipment Command, ATTN: AMSME-MPP, 4300 Goodfellow Blvd., St. Louis, Mo., 63120. A reply will be furnished direct to you.

Section II. DESCRIPTION AND DATA

1-4. Description

The 7.5KW generator is a self-contained, wheel mounted unit with winterization capabilities. It is powered by a four cylinder, four cycle air-cooled engine which is coupled to a 28 volt D.C. (Direct Current) generator (fig. 1-1). If you need a detailed description of any component of the generator set, ask your supervisor to see TM 5-6115-440-20.

1-5. Tabulated Data

Table 1-1. Tabulated Data

Components capacities (approximately)

Fuel tank	6 gal.
Engine crankcase	4 qt. + 1 qt. for oil filter
Air cleaner	1 qt.

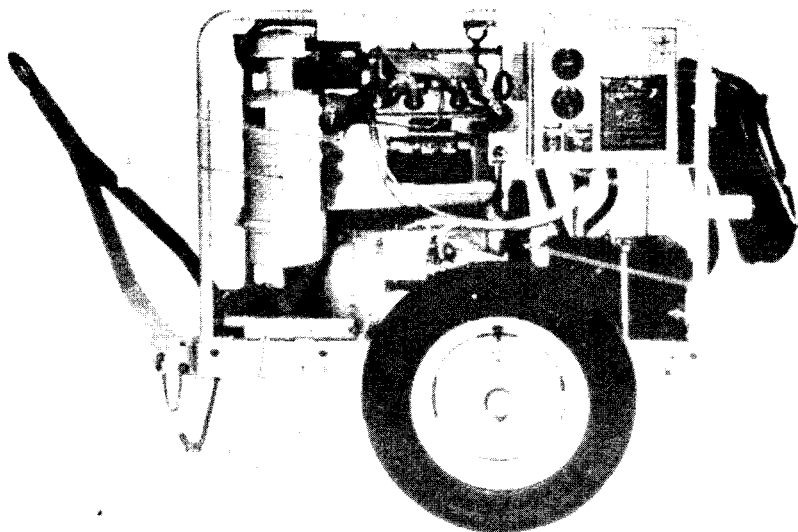


Figure 1-1. Generator set, left side view.