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PUMPS, HYDRAULIC, POWER DRIVEN, VARIABLE DELIVERY
COMPOSITE OUTLINE DRAWINGS



PREPARED BY
Committee A-6, Aircraft Hydraulic and Pneumatic Equipment

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INTRODUCTION

1. Purpose: To provide illustrations of the general shape and size of various variable delivery pumps currently being manufactured for power driven aircraft applications. The pump outlines are intended for general use by engine, aircraft, and equipment manufacturers in ascertaining the space occupied by this type of equipment. In the event that a critical clearance problem is encountered, it is recommended that the specific pump manufacturers be contacted for their latest outline drawing of the pump in question.
2. Scope: Outline drawings from all known pump manufacturers for the various size pumps listed in MIL-P-7740 were requested and those received have been combined to make up the various outline drawings. There has been prepared a composite outline drawing enclosing all of the individual outline drawings. Since the pump manufacturers' drawings will change over a period of time and complete detail is not shown, it is not possible to make a detailed mockup of any specific pump. These drawings are intended to provide information concerning the general space requirement for variable delivery pumps, and could be used to manufacture a composite mockup to indicate roughly the space required on a new engine design.
3. Pump Manufacturers: The manufacturers of the pumps illustrated on these drawings are listed for identification purposes only. This is done to facilitate further investigation of detailed outline dimensions.
4. Installation and Removal Space: These drawings show pump outline dimensions only. Clearance for installation and removal should be considered in establishing the space envelope required.

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