

Pump, Hydraulic, Ram, Hand Driven

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NOTICE

This document has been taken directly from U.S. Military Specification MIL-P-5515D, Notice 1 and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards. The initial release of this document is intended to replace MIL-P-5515D, Notice 1. Any part numbers established by the original specification remain unchanged.

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Under Department of Defense policies and procedures, any qualification requirements and associated qualified products lists are mandatory for DOD contracts. Any requirement relating to qualified products lists (QPL's) has not been adopted by SAE and is not part of this SAE technical document.

1. SCOPE AND CLASSIFICATION:

1.1 Scope:

This specification covers hand driven, hydraulic ram pumps used on type I (-65° to +160°F) aircraft hydraulic systems.

1.2 Classification:

Pumps shall be of the following classes, as specified:

Class 1500	1,500 PSI operating pressure
Class 3000	3,000 PSI operating pressure

2. APPLICABLE DOCUMENTS:

2.1 Government documents:

- 2.1.1 Specifications, standards, and handbooks: The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

SPECIFICATIONS

Military

MIL-P-116	Preservation, Methods Of
MIL-H-8775	Hydraulic System Components, Aircraft And Missiles,
	General Specification For
MIL-STD-129	Marking For Shipment And Storage
MIL-STD-970	Standards & Specifications, Order Of Preference For The Selection Of
MIL-STD-2073/1A	DOD Material Procedures For Development And Application Of Packing
	Requirement
MS21344	Fitting - Installation Of Flared Tube, Straight Threaded Connectors, Design
	Standard For
AN6201	Pump, Hydraulic Hand
AN6248	Pump, Hydraulic Hand, Type 3000

(Unless otherwise indicated, copies of federal and military specifications, standards, and handbooks are available from the Standardization Document Order Desk, 700 Robbins Ave, Building #4, Section D, Philadelphia, PA. 19111-5094.)

2.2 Non-Government publications:

The following document(s) form a part of this document to the extent specified herein. Unless otherwise specified, issue of the DODISS cited in the solicitation. Unless otherwise specified, the issues of documents not listed in the DODISS are the issues of the documents cited in the solicitation (see 6.2).

American Society For Testing and Materials (ASTM)

ASTM D3951 Packaging, Commercial

(Application for copies should be addressed to: ASTM, 1916 Race St, Philadelphia, PA 19103.)

(Non-Government standards and other publications are normally available from the organizations that prepare or distribute the documents. These documents also may be available in or through libraries or other informational services.)

2.3 Order of precedence:

In the event of a conflict between the text of this document and the references cited herein (except for related associated detail specifications, specification sheets, or MS standards), the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS:

3.1 General:

The requirements of Type I Hydraulic System and hand Pump Standards listed herein apply as requirements of this specification.

3.1.1 Class: Pumps shall be of two classes.

3.1.1.1 Class 1500: A 1500 psi operating pressure and the requirements of AN6201 apply for this class pump.

3.1.1.2 Class 3000: A 3000 psi operating pressure and the requirements of AN 6248 apply for this class pump.

3.2 Qualifications:

Pumps furnished under this specification shall be products which are qualified for listing on the applicable qualified products list at the time set for opening of bids (see 4.4 and 6.3).