

MIL-V-5525C  
AMENDMENT 1  
21 January 1974

MILITARY SPECIFICATION

VALVES, AIRCRAFT POWER BRAKE

This amendment forms a part of Military Specification MIL-V-5525C, dated 21 October 1959, and is approved for use by all Departments and Agencies of the Department of Defense.

Page 1, paragraph 1.1 - Delete and substitute:

1.1.1 This specification covers power brake valves for use in type I (-54° to 71°C (-650° to 160°F)) and type II (-54° to 135°F (-65° to 275°F)) aircraft hydraulic wheel brake subsystem having operating pressures not exceeding 3,000 pounds per inch (psi)".

Page 1, paragraph 2.1, under military specifications - Add:

"MIL-H-5440 - Hydraulic Systems, Aircraft Type I and II, Design Installation, And Data Requirements for".

"MIL-B-5984 - Braje Systems, Wheel, Aircraft, Design of".

Page 2, paragraph 3.3 - Delete and substitute:

"3.3 Design and Construction

3.3.1 General - The configuration and dimensions of power brake valves shall-m to the applicable manufacturer's drawing as governed by specification MIL-H-5440).

3.3.2 Output pressure - The output pressure requirements shall be governed by the brake system being operated.

3.3.3 Travel - Full plunger travel shall give maximum pressure at the brake port of the valve. The pressure versus travel curve shall be as shown on the applicable specification control drawing".

page 2, paragraph 4.1 - Add to the beginning of paragraph:

"Responsibility for inspection".

FSC 1630