

MIL-V-5524B(ASG)  
AMENDMENT-2  
21 SEPTEMBER 1959

Superseding  
Amendment -1  
30 July 1957

MILITARY SPECIFICATION

VALVES, CHECK, HYDRAULIC, AIRCRAFT, TYPE I SYSTEMS

This amendment forms a part of Military Specification MIL-V-5524B(ASG), 4 June 1957, and has been approved by the Department of the Air Force and by the Navy Bureau of Aeronautics.

Page 1, paragraph 1.2.2: Change "Drawing" to "Standards" in two places.

Page 1, paragraph 1.2.3: Delete "AN drawings and MS standard specified in table II" and substitute "AN and MS standards specified in table II."

Page 1, TABLE II: Delete title and substitute "Standards for check valves".

Page 2, paragraph 2.1: Delete in entirety and substitute the following:

"2.1 The following documents, of the issue in effect on date of invitation for bids, form a part of this specification:

SPECIFICATIONS

Military

|            |  |
|------------|--|
| MIL-H-5606 | Hydraulic Fluid, Petroleum Base, Aircraft and Ordnance           |
| MIL-H-6083 | Hydraulic Fluid, Petroleum Base, Preservative                    |
| MIL-H-8775 | Hydraulic System Components, Aircraft, General Specification for |

STANDARDS

Military

|         |  |
|---------|--|
| MS28890 | Valve, Hydraulic Check, 3,000 PSI, Flareless, Type I Systems |
|---------|--|

Air Force-Navy Aeronautical

|        |   |
|--------|---|
| AN6207 | Valve - 1500 PSI Hydraulic Check                |
| AN6249 | Valve - 3000 PSI Hydraulic Check                |
| AN6280 | Valve - 3000 PSI Hydraulic Check Internal Ports |

(Copies of specifications, standards, drawings, and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)"

FSC 1650

Page 2, paragraph 3.1: Delete and substitute:

"3.1 Qualification.- The hydraulic check valves furnished under this specification shall be a product which has been tested and passed the qualification tests specified herein, and has been listed on or approved for listing on the applicable Qualified Products List."

Page 2, paragraph 3.3.1: Delete "AN drawings and MS standards specified in table II" and substitute "AN or MS standards specified in table II."

Page 2, section 4: Add the following new paragraph:

"4.01 Inspection responsibility.- Unless otherwise specified herein, the supplier is responsible for the performance of all inspection requirements prior to submission for Government inspection and acceptance. Except as otherwise specified, the supplier may utilize his own facilities or any commercial laboratory acceptable to the Government. Inspection records of the examinations and tests shall be kept complete and available to the Government as specified in the contract or order.

Page 3, paragraph 4.3, line 2: Delete "4.7" and substitute "4.6".

Page 4, paragraph 4.4, line 2: Delete "4.7" and substitute "4.6".

Page 4: Delete TABLE V in its entirety and substitute:

"TABLE V  
Individual tests

| Order of test | Description            | Reference                |
|---------------|------------------------|--------------------------|
| 1             | Examination of product | Specification MIL-H-8775 |
| 2             | Proof pressure         | 4.6.7                    |
| 3             | Leakage                | 4.6.2.2                  |
| 4             | Cracking pressure      | 4.6.3.2                  |

Page 4, paragraph 4.5.1.1: Delete "MIL-O-5606" and substitute "MIL-H-5606."

Page 4, paragraph 4.5.1.2: Delete "MIL-O-5606 or MIL-O-6083" and substitute "MIL-H-5606 or MIL-H-6083."

Page 8, paragraph 4.6.5:

- (a) Line 1: After "pressure." add the following new sentence:  
"During the last 5,000 cycles of this test, the peak pressures shall be 150 ±5 percent of the maximum rated pressure."
- (b) Line 4: After "50,000" add "cycles".

Page 10, paragraph 6.2, line 4: Delete "MIL-O-5606" and substitute "MIL-H-5606."

Page 10, paragraphs 6.5 and 6.5.1: Delete in entirety and substitute the following:

"6.5 Qualification.- With respect to products requiring qualification, awards will be made only for such products as have, prior to the time set for opening of bids, been tested and approved for inclusion in the applicable Qualified Products List whether or not such products have actually been so listed by that date. The attention of the suppliers is called to this requirement, and manufacturers are urged to arrange to have the products that they propose to offer to the Federal Government, tested for qualification, in order that they may be eligible to be awarded contracts or orders for the products covered by this specification. The activity responsible for the Qualified Products List is Wright Air Development Center, Wright-Patterson Air Force Base, Ohio, and information pertaining to qualification of products may be obtained from that activity."

Custodians:

Navy - Bureau of Aeronautics  
Air Force