

MIL-A-25896E
18 January 1983
 Superseding
 MIL-A-25896D
 28 June 1976

MILITARY SPECIFICATION

ADAPTER, PRESSURE FUEL SERVICING, NOMINAL 2.5-INCH DIAMETER

This specification is approved for use by all
 Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope This specification covers pressure fuel servicing adapters having a nominal line size of 2.5-inch diameter.

2. APPLICABLE DOCUMENTS

2.1 Government documents

2.1.1 Specifications, standards, and handbooks. Unless otherwise specified, the following specifications, standards, and handbooks of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation form a part of this specification to the extent specified herein.

SPECIFICATIONS

Federal

P-D-680	Dry Cleaning Solvent
QQ-P-416	Plating, Cadmium (Electrodeposited)
TT-S-735	Standard Test Fluids; Hydrocarbon
PPP-B-601	Boxes, Wood, Cleated-Plywood
PPP-B-636	Boxes, Shipping, Fiberboard

Military

MIL-P-116	Preservation, Methods of
MIL-G-5572	Gasoline, Aviation: Grades 80/87, 100/130, 115/145
MIL-T-5624	Turbine Fuel, Aviation, Grades JP-4 and JP-5
MIL-C-6021	Castings, Classification and Inspection of
MIL-I-8500	Interchangeability and Replaceability of Component Parts for Aerospace Vehicles
MIL-F-8615	Fuel System Components, General Specification for

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document shall be addressed to: ASD/ENESS, Wright-Patterson AFB OH 45433 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

MIL-A-25896E

MIL-N-25027 Nut, Self-locking, 250°F, 450°F and 800°F, 125 KSI Ft_u, 60 KSI Ft_u and 30 KSI Ft_u

MIL-R-25988 Rubber, Fluorosilicone Elastomer, Oil- and Fuel-resistant, Sheets, Strips, Molded Parts, and Extruded Shapes

MIL-T-83133 Turbine Fuel, Aviation, Kerosene Type, Grade JP-8

MIL-R-83248 Rubber, Fluorocarbon Elastomer, High Temperature, Fluid and Compression Set Resistant

STANDARDS

Federal

FED-STD-151 Metals, Test Methods

Military

MIL-STD-129 Marking for Shipment and Storage

MIL-STD-130 Identification Marking of U.S. Military Property

MIL-STD-143 Standards and Specifications, Order of Precedence for the Selection of

MIL-STD-831 Test Reports, Preparation of

MIL-STD-889 Dissimilar Metals

MIL-STD-1188 Commercial Packaging of Supplies and Equipment

MIL-STD-1523 Age Controls of Age-sensitive Elastomeric Materiel

MS20995 Wire, Safety or Lock

MS24484 Adapter, Pressure Fuel Servicing, Nominal 2.5 Inch Diameter

MS24694 Screw, Machine, Flat Countersunk Head, 100° Structural, Cross Recessed, UNC-3A and UNF-3A

MS29520 Envelope Dimensions, Nozzle, Pressure Fuel Servicing, Locking, Aircraft, Type D-1

MS33540 Safety Wiring and Cotter Pinning, General Practices for

MS33588 Nut, Self-locking, Aircraft, Design and Usage; Limitations of

(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.)

2.2 Order of precedence. In the event of a conflict between the text of this specification and the references cited herein, the text of this specification shall take precedence.

3. REQUIREMENTS

3.1 Qualification. The adapters 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).

MIL-A-25896E

3.2 Selection of specifications and standards. Specifications and standards for necessary commodities and services not specified herein shall be selected in accordance with MIL-STD-143, except as specified in 3.2.1 and 3.2.2.

3.2.1 Commercial parts. Commercial parts having suitable properties may be used where, on the date of invitation for bids or request for proposal, there are no suitable standard parts. In any case, commercial utility parts, like screws, bolts, nuts, and cotter pins having suitable properties may be used, provided:

a. They can be replaced by the standard parts (AN, MS, or NAS) without alteration.

b. The corresponding standard part numbers are referenced in the parts list and, if practicable, on the contractor's drawings.

3.2.2 Standard parts. With the exceptions specified in 3.2.1, MS, AN, and NAS standard parts shall be used where they are suitable for the intended purpose.

3.3 Materials. All materials shall be resistant to all fluids in accordance with TT-S-735, MIL-G-5572, MIL-T-5624, and MIL-T-83133 as proven by successful completion of the tests of 4.4.2.

3.3.1 Metals. The portion of the adapter that supports the loads of 4.6.7 shall have 40 KSI minimum yield strength. Metals shall be inspected in accordance with FED-STD-151. Alloys of magnesium and copper shall not be used on parts that come into contact with fuel. Cadmium plating shall conform to class 2, type II of QQ-P-416.

3.3.2 Castings. Castings shall be clean, sound, and free from blowholes, porosity, cracks, or any other defects which would prevent the successful completion of the tests of 4.6. The castings that support the loads of 4.6.7 shall conform to MIL-C-6021, class 3, grade C.

3.3.3 Dissimilar metals. Dissimilar metals in accordance with MIL-STD-889 shall not be used in intimate contact unless they are protected against electrolytic corrosion.

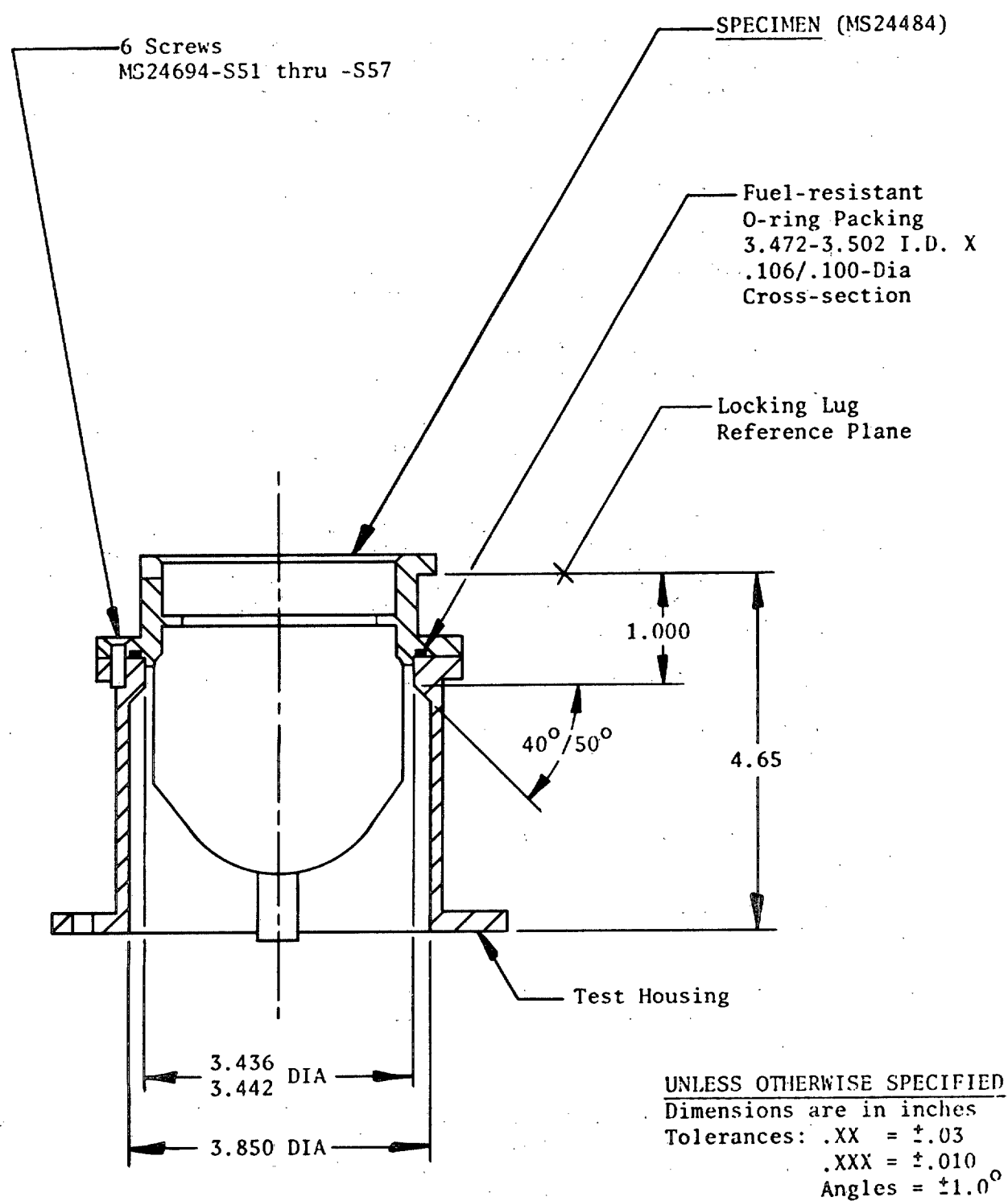
3.3.4 Elastomers. Elastomers shall be in accordance with MIL-R-83248 or MIL-R-25988.

3.3.5 Electrical conductivity. The resistance between the locking lug reference plane and the mounting surface shall be 0.010 ohms, maximum.

3.4 Design

3.4.1 Interface. The adapter shall conform to MS24484. When a MS29520 nozzle is secured to the adapter and opened or closed, the adapter shall open or close, respectively. With the adapter installed in a test housing in accordance with figure 1, the flow area around the adapter poppet when in the full open position shall be a minimum of 4.8 square inches.

MIL-A-25896E

FIGURE 1. Test housing.

MIL-A-25896

3.4.2 Locking of parts. All parts of the assembly shall be securely attached. Spring tension to hold parts in the assembly is not acceptable. All threaded parts shall be locked by safety wiring in accordance with MS20995, self-locking nuts in accordance with MIL-N-25027, cotter pins, or other approved methods. Safety wire shall be installed in accordance with MS33540. Self-locking nuts shall be used in accordance with MS33588; however, where loosening or disengaging of a nut might result in the nut or other parts entering the fuel system, self-locking nuts shall not be used.

3.4.3 Lubrication. The adapter shall require no lubricant.

3.5 Performance. The adapter shall be suitable for a temperature environment as specified.

- a. Fuel: -55°C (-67°F) to +93°C (+200°F)
- b. Ambient: -55°C (-67°F) to +177°C (+350°F)

The adapters shall satisfy the performance requirements when tested as specified in section 4 herein.

3.6 Interchangeability. Interchangeability shall be in accordance with MIL-I-8500.

3.7 Weight. The weight of the adapter shall not exceed 1.0 pounds.

3.8 Identification of product. Adapters shall be marked in accordance with MIL-STD-130. The minimum identification data is as follows:

Adapter, Pressure Fuel Servicing
MS24484-5
Manufacturer's identification and part number
Assembly date per MIL-STD-1523

3.9 Workmanship. Workmanship shall be in accordance with all applicable specifications, drawings, and quality control plans.

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

MIL-A-25896E

4.2 Classifications of inspection. The examination and testing of adapters shall be classified as follows:

- a. Qualification inspection (4.4)
- b. Quality conformance inspection (4.5)

4.3 Test conditions. Unless otherwise specified, the test conditions specified herein shall apply.

4.3.1 Test fluid. Fluid in accordance with MIL-G-5572, Grades 100/130 or 115/145; MIL-T-5624, Grades JP-4 or JP-5; MIL-T-83133, Grade JP-8; or TT-S-735, type I shall be used for testing. Fluid conforming to P-D-680, type II (or any fluid acceptable to the acquisition activity) may be used, except where a specific fluid is specified.

4.3.2 Ambient temperature and pressure. All tests shall be performed with the ambient and test fluid at temperatures of 60°F to 90°F and at local barometric pressure.

4.3.3 Test nozzle. The test nozzle used shall be an MS29520-1 nozzle.

4.3.4 Test connections. Unless otherwise specified herein, tests shall be performed without any part (such as a cap or nozzle) being connected to the adapter locking flange (adapter inlet).

4.4 Qualification inspection

4.4.1 Qualification test specimens. The qualification test specimens shall consist of four adapters, two of which shall be untested and the other two which shall be tested by the contractor. Two complete sets of detail and assembly drawings and a test report showing results of the manufacturer's tests shall be submitted with the two untested specimens. Specimens shall be identified with the manufacturer's own part number and any information required by the letter of authorization.

4.4.1.1 Manufacturer's drawings. The manufacturer's drawings submitted with the qualification test specimens shall have a cutaway section showing all parts in their normal assembled positions and shall specify part numbers of all parts and subassemblies. The following data shall be furnished on or together with the assembly drawing.

- a. Mounting dimensions
- b. Overall dimensions
- c. Location, size, and types of plumbing connections
- d. Materials, construction, treatment, and finish
- e. Pressure and flowrate ratings

MIL-A-25896E

4.4.1.2 Test report. The test report submitted with the untested qualification test specimens shall conform to MIL-STD-831 and shall include the following:

- a. Report of all tests, graphically presented when practicable, together with a detailed statement indicating conformance or extent of conformance with all requirements of this specification, referring specifically to paragraph numbers. Wherever a requirement is considered to be not applicable, the report should so state.
- b. Summary of endurance test
- c. Diagrams of all test setups
- d. Outline and description of tests and test conditions
- e. Copies of test log sheets
- f. Photographs
- g. List and descriptions of testing equipment

4.4.2 Qualification tests. The qualification tests as listed below shall be performed in the order listed.

SPECIMEN NO. 1

Examination of product	(4.6.1)
Proof pressure	(4.6.11)
Actuating force	(4.6.2.1)
Functional (qualification)	(4.6.4)
Leakage (qualification)	(4.6.5)
Fuel resistance and low temperature	(4.6.6)
Strength	(4.6.7)
Disassembly and inspection	(4.6.14)

SPECIMEN NO. 2

Examination of product	(4.6.1)
Proof pressure	(4.6.11)
Functional (qualification)	(4.6.4)
Leakage (qualification)	(4.6.5)
Endurance	(4.6.8)
Accelerated corrosion	(4.6.9)
Vibration	(4.6.10)
Burst pressure	(4.6.12)
Contaminated-fuel endurance	(4.6.13)
Disassembly and inspection	(4.6.14)

MIL-A-25896E

4.4.3 Certification of qualification. Each manufacturer listed on the Qualified Products List for at least two years shall be requested to forward to the responsible activity certification signed by a responsible official of management attesting that the listed product is still available from the listed plant, can be produced under the same conditions as originally qualified and meets the requirements of the specification.

4.5 Quality conformance inspection. Quality conformance tests shall consist of the following:

- a. Individual tests (4.5.1)
- b. Sampling tests (4.5.2)

4.5.1 Individual tests. Each adapter shall be subjected to the following:

- a. Examination of product (4.6.1)
- b. Functional (quality conformance) (4.6.2)
- c. Actuating force (4.6.2.1)
- d. Leakage (quality conformance) (4.6.3)

4.5.2 Sampling tests

4.5.2.1 Sampling plan. One adapter shall be selected at random from each 100 or fraction thereof produced and subjected to the burst pressure test (4.6.12) and to the strength test (4.6.7a).

4.6 Testing methods

4.6.1 Examination of product. The specimen shall be inspected to determine compliance with the requirements specified herein with respect to size, material, workmanship, weight (qualification only), and the dimensional requirements of the applicable MS standards. Data shall be available to demonstrate compliance with 3.3.1. At least two tensile test samples are required for each heat or melt. The hardness of the parts may be used to demonstrate compliance within each heat or melt.

4.6.2 Functional (quality conformance). The specimen shall be subjected to the test specified in 4.6.4, except that when test fluid is passed through the specimen, the flow rate need not be of a specific value as long as the specified pressures are used.

4.6.2.1 Actuating force. A load shall be applied to the surface of the specimen poppet valve to obtain 1.438-inch poppet travel. The load required for the poppet valve to obtain this travel shall be 50 pounds, maximum.

4.6.3 Leakage (quality conformance). The specimen shall be subject to the test in 4.6.5 except with liquid pressure of 90 and 240 pounds per square inch (psi) and air pressure of 1, 10 and 25 psi with a minimum of 15 seconds waiting period at each test pressure.

4.6.4 Functional (qualification). With the adapter installed in a test housing in accordance with figure 1, a test nozzle in accordance with 4.3.3 shall be inserted and locked into the specimen and the specimen sealing valve actuated five times minimum. Test fuel shall be passed through the nozzle and specimen (nozzle-to-adapter direction) at flow rates from 100 to 600 gallons per minute (gpm) in 5 gpm increments and a minimum entrance static pressure of 60 pounds per square inch gage (psig) under flow conditions. The specimen sealing valve shall be actuated to open and shut a minimum of three times at flow increments of 100 gpm from 100 to 600 gpm. There shall be no evidence of chatter or binding.

4.6.5 Leakage (qualification)

a. Fuel leakage. With the poppet seated and fuel pressure applied behind the poppet (defueling direction), there shall be no leakage at pressures from -1 to +5 psig and in 10 psi increments from 10 to 240 psig with a minimum of 1 minute waiting period at each pressure level.

b. Air leakage. With pneumatic pressure applied behind the poppet (defueling direction), the adapter inlet upward, and the cavity formed by the poppet and flange filled with fuel or water, there shall be no bubbles released while pressures of 4 inches of water and 1, 5, 10 and 25 psig are applied for 1 minute at each pressure. With pneumatic pressure applied to the face of the poppet (refueling direction) and the adapter outlet in a test tank of fuel or water, leakage shall not exceed 10 standard cubic centimeters per minute through the poppet sealing surface at pressures of 1/2 and 1 psig with a 1 minute minimum waiting period at each pressure.

4.6.6 Fuel resistance and low temperature. The fuel resistance and low temperature tests shall be conducted in accordance with table I.

4.6.7 Strength. For this test the specimen shall be retained at the six mounting points. A test nozzle conforming to 4.3.3 shall be connected to the adapter and the poppet valve shall be actuated to the open position. There shall be no evidence of leakage, deterioration, deformation, fracture, or malfunction of the adapter when the following loads are applied to the nozzle hose connection or extension thereto (see figures 2 and 3):

a. Twenty-five applications of a 600-foot-pound bending load applied as shown on figure 2.

b. Nine hundred and fifty applications of a 350-foot-pound bending load applied as shown on figure 2.

c. Twenty-five applications of a 200-foot-pound bending load applied as shown on figure 2 with a pressure of 240 psig applied to the adapter-nozzle combination.

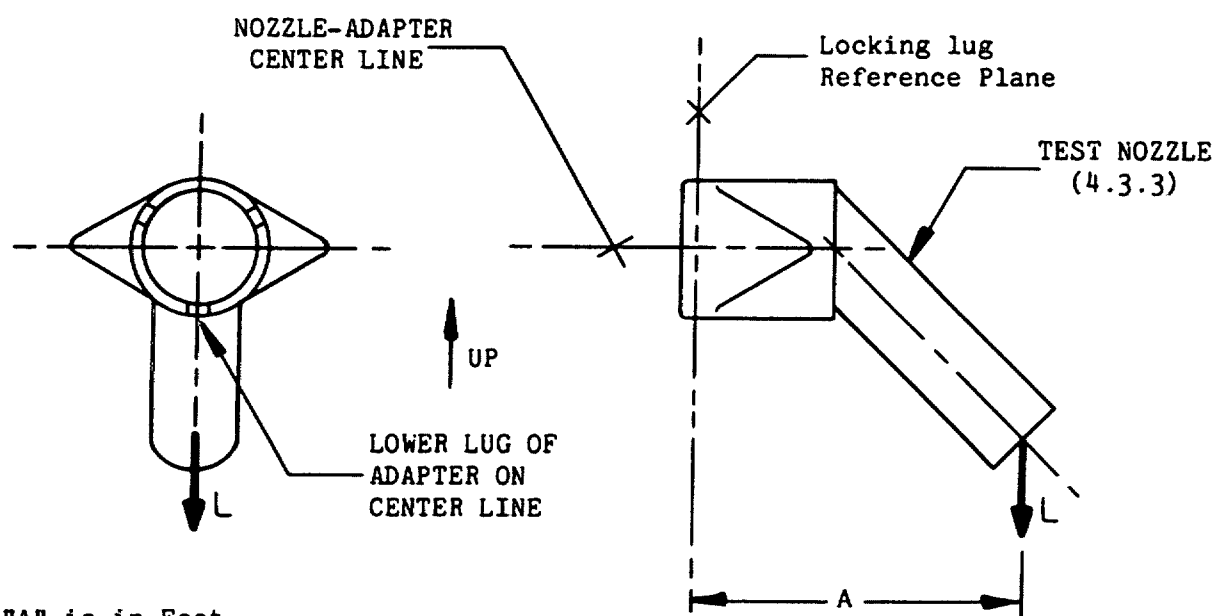
MIL-A-25896E

TABLE I. Fuel resistance and low temperature test schedule.

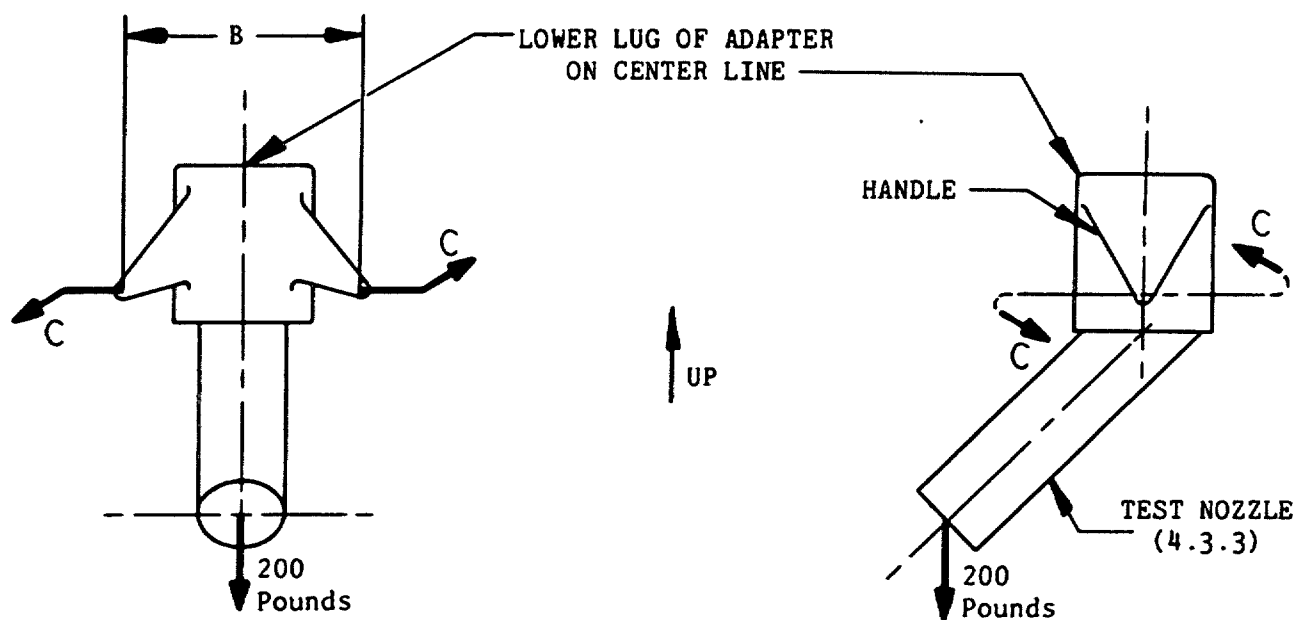
TEST	FUEL RESISTANCE				LOW TEMPERATURE
	PHASE I, SOAK	PHASE I, DRY	PHASE II, SOAK	PHASE II, DRY	
Condition	Outlet submerged; Inlet down	Drained & blown dry; Inlet down	Outlet submerged; Inlet down	Drained & blown dry; Inlet down	Outlet submerged; Inlet down
Test fluid	TT-S-735, Type III	Circulating air	TT-S-735, Type III	Circulating air	TT-S-735, Type I
Duration	96 hours	24 hours	18 hours	30 hours	18 hours
Ambient & Test Fluid Temperature	91°C (196°F) to 93°C (200°F)	174°C (346°F) to 177°C (350°F)	91°C (196°F) to 93°C (200°F)	174°C (346°F) to 177°C (350°F)	-54°C (-65°F) to -56°C (-69°F)
Operation during period	One cycle every 6 hours (see 6.4.1)	None	One cycle every 4.5 hours (see 6.4.1)	None	None
Operation immediately following period	Leakage test using TT-S-735, Type III (see 4.6.3)	Functional test (see 4.6.2) and Leakage test (see 4.6.3), using TT-S-735, Type III	Leakage test using TT-S-735, Type III (see 4.6.3)	Functional test (see 4.6.2) and Leakage test (see 4.6.3), using TT-S-735, Type I	At -65°F maximum Functional test (see 4.6.2) and Leakage test (see 4.6.3), using TT-S-735, Type I

1/ Each period shall immediately follow the preceding period in the sequence listed.

MIL-A-25896E



"A" is in Feet
 "B" is in Pounds
 Bending Load = (A) (L)

FIGURE 2. Strength test diagram.

"B" is in Feet
 "C" is in Pounds
 COUPLE = (B) (C) = 100 Foot-Pounds

FIGURE 3. Strength test diagram.

MIL-A-25896E

d. One hundred applications of a combined load of a 100-foot-pound couple applied to the nozzle handles and an axial load of 200 pounds applied to the nozzle inlet flange in accordance with figure 3 and with a pressure of 240 psig applied to the adapter-nozzle combination.

4.6.8 Endurance. With the specimen installed in a test housing in accordance with figure 4 and with the specimen center line horizontal, 5000 cycles (see 6.4.1) shall be conducted using a test nozzle in accordance with 4.3.3. The pressure shall be 50 to 60 psig and the flow rate shall be 300 to 600 gpm. For 10 percent of the 5000 cycles, a flow of 600 gpm shall be initiated and stopped by the nozzle flow control handle. The specimen shall be subjected to two applications each of the strength tests of 4.6.7a. and 4.6.7c. and then the leakage test of 4.6.5. There shall be no external leakage with or without the test nozzle attached. The axial wear on each of the nozzle attaching lugs on the specimen shall be .015 inch maximum and the circumferential wear in each of the three slots in the face of the specimen inlet shall be .050 inch maximum.

4.6.9 Accelerated corrosion. The specimen shall be immersed in a 2.5 percent by weight aqueous solution of NaCl, the specimen shall be drained, and then it shall be immersed in air at 125°F to 135°F for 1 hour minimum. Without operation or pause, the specimen shall be subjected to 50 of these cycles. Then the specimen shall be flushed with warm water (to remove accumulated salt crystals). The specimen shall be dried, wetted with test fluid, and subjected to three cycles in accordance with 4.6.4. Any performance out of the bounds of this specification shall be cause for rejection.

4.6.10 Vibration. The specimen shall be rigidly affixed by the six mounting points to a vibration exciter and subjected to the scanning cycle tests as described in table II. The test temperature shall be 50°F to 100°F. There shall be no leakage from the specimen during the vibration and there shall be no structural failure or loosening of parts as a result of the vibration. Following vibration, the specimen shall be subjected to the leakage tests of 4.6.5.

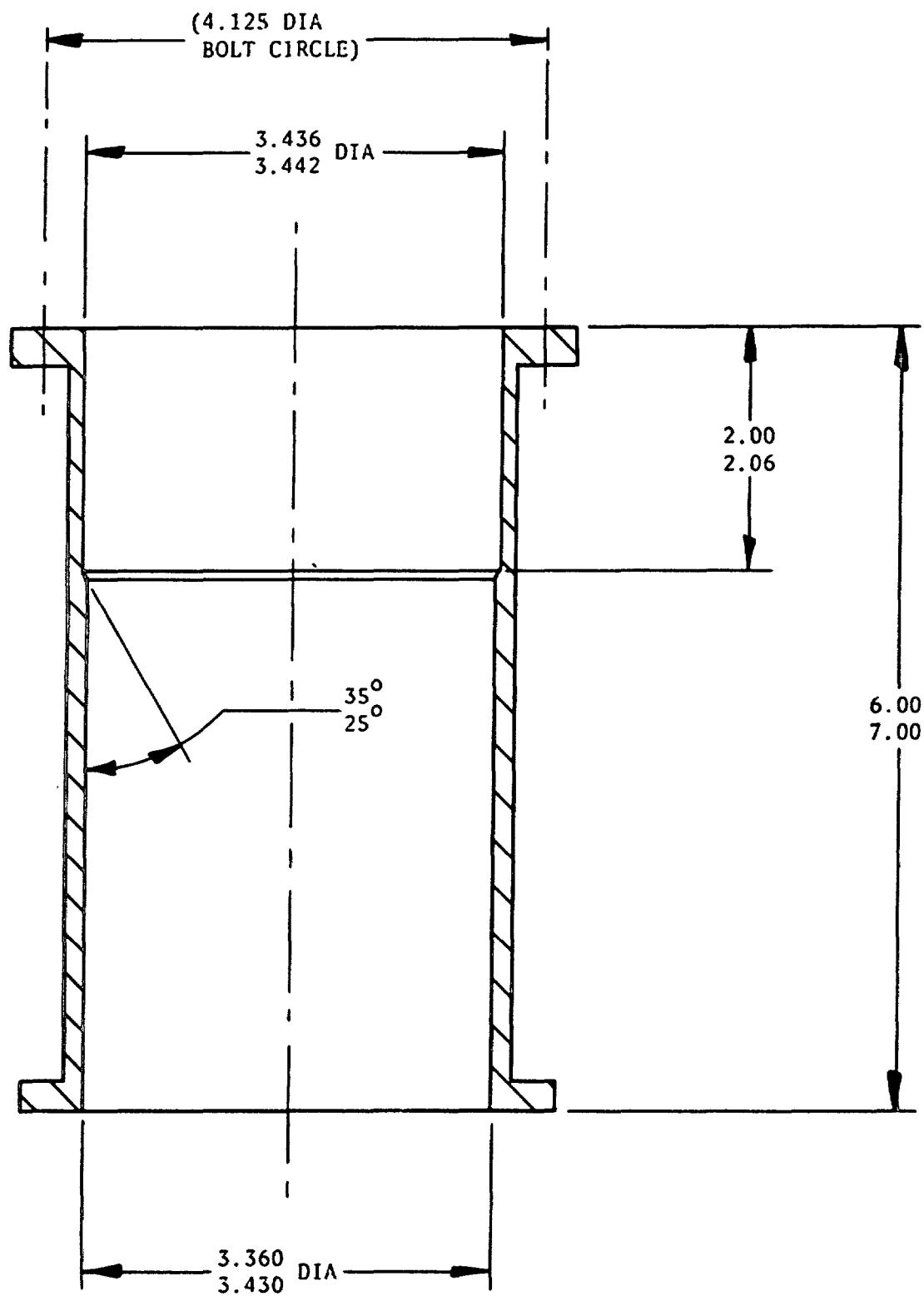
TABLE II. Vibration test schedule.

Scanning Cycle Test	1	2	3	4
Axis of Vibration	X ₁ /	X ₁ /	Y ₂ /	Y ₂ /
Test Fluid Pressure on Specimen Outlet	90 psig	0.5 psig	90 psig	0.5 psig
Number of Scanning Cycles	2	2	2	2
Definition of Scanning Cycle	The time rate of change of frequency shall be linear from 10 Hz to 500 Hz to 10 Hz in an interval of 15 minutes. From 10 Hz to 75 Hz the sinusoidal displacement shall have a double amplitude of 0.036 inch, and from 75 Hz to 500 Hz the sinusoidal displacement shall provide an acceleration of ± 10 g.			

1/ X = Parallel with the axis of symmetry

2/ Y = Perpendicular to the axis of symmetry

MIL-A-25896E



MATERIAL: CRES OR ALUMINUM ALLOY
DIMENSIONS ARE IN INCHES

FIGURE 4. Test housing (worst case).

MIL-A-25896E

4.6.11 Proof pressure. The specimen outlet shall be subjected to a pressure of 240 \pm 3 psig for 1 minute minimum. There shall be no evidence of distortion or injury to any part of the specimen and when the pressure is lowered to 90 psig, there shall be no evidence of leakage.

4.6.12 Burst pressure. The specimen outlet shall be subjected to a pressure of 360 \pm 5 psig for 1 minute minimum. There shall be no evidence of distortion or injury to any part of the specimen and when the pressure is lowered to 90 psig, there shall be no evidence of leakage.

4.6.13 Contaminated-fuel endurance. Test fluid containing the concentration and types of contaminants specified in MIL-F-8615 shall be pumped through the test nozzle (see 4.3.3) and specimen in the connected position in a recirculating system which shall circulate the test fluid at the rate of 200 gpm. The specimen shall be operated for 200 cycles. A cycle shall consist of operating the flow-control handle of the test nozzle from the closed position to the open position, allowing the test nozzle/adaptor combination to remain in this position for 1 minute minimum, and returning the flow-control handle to the closed position. The test fluid shall be agitated to keep the contaminant uniformly distributed (mixed) in the circulating test fluid. After this test, the specimen shall be flushed with clean test fluid, drained, and subjected to the leakage test of 4.6.5.

4.6.14 Disassembly and inspection. The specimen shall be disassembled and inspected. If corrosion, deterioration, or wear exists to a degree that will affect performance as defined by 4.6.2.1, 4.6.3 and 4.6.7a, the specimen shall be rejected.

5. PACKAGING

5.1 Preservation and packaging. Adapters shall be preserved and packaged level A or commercial, as specified (see 6.2).

5.1.1 Level A. Each adapter shall be preserved in accordance with method IA of MIL-P-116, adequately cushioned and secured in a unit container conforming to PPP-B-636, class weather-resistant fiberboard box.

5.1.2 Commercial. Adapters shall be preserved and packaged in accordance with MIL-STD-1188.

5.2 Packing. Adapters preserved and packaged in accordance with 5.1 shall be packed level A, B, or commercial, as specified (see 6.2).

5.2.1 Level A. Packaged adapters shall be packed in snug-fitting wood-cleated plywood boxes in accordance with PPP-B-601, and secured in accordance with the box specification. Intermediate containers shall be used as appropriate.

5.2.2 Level B. Adapters shall be packed as for level A, except that PPP-B-636, class weather-resistant fiberboard boxes may be used.

5.2.3 Commercial. Adapters shall be packed in accordance with MIL-STD-1188.

5.3 Markings. In addition to any special markings called out in the contract or delivery order, markings shall be in accordance with MIL-STD-129 or MIL-STD-1188, as specified (see 6.2).

6. NOTES

6.1 Intended use. The adapters specified herein are intended for use as fuel system filling/off-loading connections used in combination with a pressure fuel servicing nozzle. The MS24484-2 and -4 adapters which were produced prior to the E revision of this specification were not qualified to the higher (90, 240 and 360 psi) pressures. The capability of the various housings and retaining screws for these adapters when installed in a system must be carefully evaluated in relation to the 360 psig burst pressure.

6.2 Ordering data. Procurement documents should specify the following:

- a. Title, number, and date of this specification.
- b. Level of packaging required (see 5.1).
- c. Level of packing required (see 5.2).
- d. Markings required (see 5.3).
- e. Required product identification (see 3.8).
- f. Requirement for delivery of quality conformance data (see 4.5).

6.3 Qualification. With respect to products requiring qualification, awards will be made only for products which are, at the time set for opening of bids, qualified 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 contractors is called to these requirements, 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 purchase orders for the products covered by this specification. The activity responsible for the Qualified Products List is the Aeronautical Systems Division (ENESS), Wright-Patterson Air Force Base, Ohio 45433, and information pertaining to qualification of products may be obtained from that activity.

6.4 Definitions

6.4.1 Cycle. Unless otherwise specified, a cycle is defined as the connection of the test nozzle (see 4.3.3) to the adapter, fully opening and closing the test nozzle flow-control valve two times, and removing the test nozzle from the adapter.

6.4.2 Inlet. For purposes of this specification, the bayonet-flange-end of the adapter is the adapter inlet.

6.5 International standardization agreement. Certain provisions (3.4.1, 4.6.4, and 4.6.5) of this specification are the subject of international standardization agreement ASCC AIR STD 11/3, ASCC AIR STD 11/6, STANAG 3105, STANAG 3334, and SEASTAG 3334. When amendment, revision, or cancellation of this specification is proposed which will affect or violate the international agreement concerned, the preparing activity shall take appropriate reconciliation action through international standardization channels including departmental standardization offices, if required.

MIL-A-25896E

6.6 Changes from previous issue. Asterisks are not used in this revision to identify changes with respect to the previous issue, due to the extensiveness of the changes.

Custodians:

Army - AV

Navy - AS

Air Force - 11

Preparing activity:

Air Force - 11

Project No. 1560-0111

Review activities:

Air Force - 99

International interest (see 6.5)

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

INSTRUCTIONS: This form is provided to solicit beneficial comments which may improve this document and enhance its use. DoD contractors, government activities, manufacturers, vendors, or other prospective users of the document are invited to submit comments to the government. Fold on lines on reverse side, staple in corner, and send to preparing activity. Attach any pertinent data which may be of use in improving this document. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity. A response will be provided to the submitter, when name and address is provided, within 30 days indicating that the 1426 was received and when any appropriate action on it will be completed.

NOTE: This form shall not be used to submit requests for waivers, deviations or clarification of specification requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

DOCUMENT IDENTIFIER (Number) AND TITLE

MIL-A-25896E

NAME OF ORGANIZATION AND ADDRESS OF SUBMITTER

☐ VENDOR ☐ USER ☐ MANUFACTURER

1. ☐ HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE? ☐ IS ANY PART OF IT TOO RIGID, RESTRICTIVE, LOOSE OR AMBIGUOUS? PLEASE EXPLAIN BELOW.

A. GIVE PARAGRAPH NUMBER AND WORDING

B. RECOMMENDED WORDING CHANGE

C. REASON FOR RECOMMENDED CHANGE(S)

2. REMARKS

SUBMITTED BY (Printed or typed name and address — Optional)

TELEPHONE NO.

DATE

DD FORM 1426
1 OCT 76

PREVIOUS EDITION WILL BE USED.