

NOTICE OF CHANGE

INCH-POUND

MIL-STD-1564A
NOTICE 2
27 October 1997

DEPARTMENT OF DEFENSE
TEST METHOD STANDARD

PROCEDURE FOR CALIBRATION AND ANALYSIS
OF TRACE CONTAMINANTS
IN AVIATOR'S BREATHING OXYGEN
BY INFRARED SPECTROSCOPY

TO ALL HOLDERS OF MIL-STD-1564A:

1. THE FOLLOWING PAGES OF MIL-STD-1564A HAVE BEEN REVISED AND SUPERSEDE THE PAGES LISTED:

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
i	27 October 1997	i	11 November 1977
ii	27 October 1997	ii	11 November 1977
6a	27 October 1997	6a	23 January 1980
6b	27 October 1997	6b	23 January 1980

2. RETAIN THIS NOTICE AND INSERT BEFORE TABLE OF CONTENTS.

3. Holders of MIL-STD-1564A will verify that page changes and additions indicated above have been entered. This notice page will be retained as a check sheet. This issuance, together with appended pages, is a separate publication. Each notice is to be retained by stocking points until the standard is completely revised or cancelled.

Custodian:
Air Force - 68

Preparing activity:
Air Force - 68

Reviewer:
DLA - GS

(Project 6830-1031)

AMSC N/A

FSC 6830

DISTRIBUTION STATEMENT A. Approved for public release; distribution unlimited.

INCH-POUND

MIL-STD-1564A
11 November 1977
SUPERSEDING
MIL-STD-1564 (USAF)
8 April 1975

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SUPERSEDES PAGE i OF MIL-STD-1564A.

MIL-STD-1564A

FOREWORD

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

2. Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: San Antonio ALC/SFSP, 1014 Billy Mitchell Blvd/STE 1, Kelly AFB TX 78241-5603, by using the standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

SUPERSEDES PAGE ii OF MIL-STD 1564A.

MIL-STD-1564A

5.2 Preparation and Assembly of Apparatus. All valves, fittings, hose, manifold blocks, mixing cylinders, and gauges must be cleaned for oxygen service prior to assembling the gas system. After cleaning and drying, all parts shall be assembled using teflon tape.

5.3 Gas Requirements.

5.3.1 Contaminant Gases. Following gases and chemicals are required for instrument calibration and must be at least 98.5% pure.

5.3.1.1 Methane.

5.3.1.2 Carbon Dioxide.

5.3.1.3 Nitrous Oxide.

5.3.1.4 Ethylene.

5.3.1.5 Various Halogenated Refrigerants.

5.3.1.6 Ethane.

5.3.1.7 Acetylene.

5.3.1.8 Various Halogenated Solvents.

5.3.2 Dilution Gases. Following gases are required for instrument calibration and must meet the purity requirements of a zero grade gas.

5.3.2.1 Oxygen.

5.3.2.2 Nitrogen.

MIL-STD-1564A

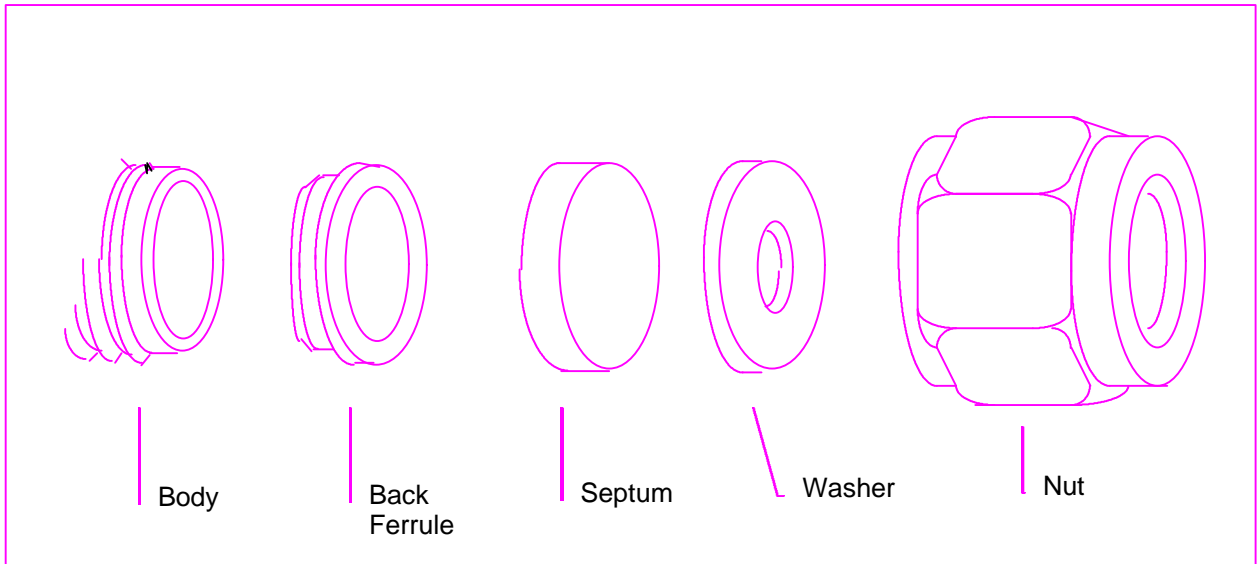


FIGURE 0. Septum Device.

SUPERSEDES PAGE 6b OF MIL-STD-1564A.

