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NOTICE OF CHANGE

MIL-STD-1525A (USAF)
NOTICE 2
13 October 1995

MILITARY STANDARD

VERIFICATION TESTING OF PARACHUTE
TEXTILE MATERIALS

TO ALL HOLDERS OF MIL-STD-1525A (USAF):

1. THE FOLLOWING PAGES OF MIL-STD-1525A (USAF) HAVE BEEN REVISED AND SUPERSEDE THE PAGES LISTED:

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
1	13 September 1974	1	Printed without change
2	30 September 1995	2	08 July 1980

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

3. Holders of MIL-STD-1525A(USAF) 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 page, is a separate publication. Each notice is to be retained by stocking points until the Military Standard is completely revised or canceled.

Custodians:
Air Force - 99

Review activities:
Air Force - 11

Preparing activity:
Air Force - 82

(Project 1670-F849)

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1. Scope and purpose. This standard establishes the verification tests for parachute materials (subcontracted supplies) used in the fabrication of parachutes. These tests are for the purpose of confirming subcontractor test reports, determining conformance of material to contract specifications and to provide data for the computation of reliability for these materials.

* 2. Reference documents. (NOT APPLICABLE)

3. Definition. (NOT APPLICABLE)

4. General requirements.

4.1 Responsibility. The testing, as set forth herein, will be conducted by the Government unless otherwise specified in the contract. Government verification testing does not in any way alter requirements of material specifications and does not relieve the contractor of the requirement to furnish proof of material conformance pursuant to established contractual requirements.

4.2 Applicability. This standard is applicable to all contracts for the following types of parachutes:

a. Personnel

b. Cargo

c. Heavy Duty Deceleration and Recovery

d. Aircraft Deceleration

5. Detailed requirements.

* 5.1 Materials. "Types of textile materials comprising parachute components listed below are subject to the verification tests of this standard. The detailed construction and physical property requirements of material are set forth in Section 3 of the specification which is included as part of the contract. Quality assurance provisions in Section 4 of the material specification provide the test methods for the verification tests required under this standard. Procedure set forth by this document does not in any way alter the requirements of the material specification and does not relieve the contractor of the requirement to furnish proof of material conformance as set forth therein.

a. Canopy Material - Cloth, Ribbon, Tape, Webbing, and Thread

b. Pack/Deployment Bag - Cloth Duck, Webbing, and Reinforcing Tape

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c. Suspension Lines - Webbing and Braid

d. Harness/Slings - Webbing, Cloth, and Tape

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e. Risers/Straps - Webbing, Tape, and Braid

The end item specification for the specific parachute assembly or component will identify materials to be tested.

5.2 Government verification sample selection requirements. The contractor will notify the Government Quality Assurance Representative (QAR) each time a shipment or lot of components is received so that the Government QAR may draw verification or standby samples prior to the use of these components in production. Verification testing for materials shall be performed by the facility designated by the procuring activity. Two copies of contractor's/vendor's test reports covering test samples will, for comparative analysis, be furnished to the facility designated by the procuring activity to accomplish verification testing and retain a copy for QAR files. The Government reserves the right to select, (or have the contractor select) use, and retain samples without cost to the Government for the purpose of conducting inspection to verify the results of the contractor's examination or testing. Samples for tests required by the material specification shall be taken at random from each finisher's lot within a shipper's lot received by the contractor on which a test report was furnished to the contractor or to the Government. Each unit of product shall be tagged with the number or code of the finisher's roll of which it is a part. The lot number of the samples submitted for verification testing shall be the same as the finisher's lot number on the vendor's report. Each verification test sample shall consist of the following:

a. Five (5) yards of each type, color, and/or class of cloth.

b. Forty (40) yards of each type, color, and/or class of tape, webbing, ribbon and braid.

c. Half pound cone, tube, or spool of each type, color, and/or class of thread from each lot.

5.3 Government verification testing. Verification testing shall be required on each Finisher's Lot regardless of size. One sampling from a Finisher's Lot of material which is to be used to fabricate parachutes on more than one contract is authorized provided the samples are so identified.

Textile samples shall be sent to:

SA-ALC/TIELC
Textile Laboratory
Building 300, Door 1A (Tele. No. (210)925-3355)
Kelly AFB, TX 78241-5000

Contractor shall mark National Stock Number (NSN) and Contract Number on shipping label.

5.4 Acceptance criteria. Material from lots, in which test data show any deviation from the requirements set forth in material specification, shall be unacceptable for use in the fabrication of parachutes.

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