MIL-HDBK-150C
8 March 1995
SUPERSEDING
MIL-HDBK-150B
28 February 1979

MILITARY HANDBOOK

FOR

MILITARY UNIFORMS

AMSC N/A

FSC 8315

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DEPARTMENT OF DEFENSE
WASHINGTON, DC 20360

MIL-HDBK-150C
Clothing Components for Military Uniforms

1. This standardization handbook was developed by the Department of Defense in accordance with established procedures.

2. This publication was approved 8 March 1995 for printing and inclusion in the Military Standardization Handbook series.

3. This handbook provides information and guidance to Department of Defense personnel preparing specifications. Items considered superior to those listed herein may be specified in acquisition documents, however, immediate action should be initiated to notify the preparing activity of any change in requirements so that they may be included in this handbook.

4. Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be used in improving this document should be addressed to : Defense Personnel Support Center, Clothing and Textiles Directorate, ATTN: DPSC-FQSC, 2800 South 20th Street, Philadelphia, PA 19145-5099, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

FOREWORD

1. The components described herein are based on agreements made by representatives of the military services of the Department of Defense.

2. This document is intended to standardize components (both functional and traditional) for use in uniform items by the military services of the Department of Defense.

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1. SCOPE

1.1 This handbook lists components for dress and semi-dress military uniforms.

2. REFERENCED DOCUMENTS

2.1 Issues of documents. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents shall be those listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation.

SPECIFICATIONS

FEDERAL

A-A-50067	-	Cloth, Flannel, Wool
A-A-50128	-	Cloth, Interlining, Non-Woven
A-A-50135	-	Cloth, Interlining, Polyester
A-A-50186	-	Cloth, Buckram, Woven and Nonwoven
A-A-50196	-	Thread, Silk
A-A-50198	-	Thread, Gimp, Cotton, Buttonhole
A-A-50199	-	Thread, Polyester Core, Cotton-or Polyester-Covered
A-A-52067	-	Binding Textile, Cotton, Bias-Cut
A-A-52074	-	Cloth, Satin, Lining Material
A-A-52094	-	Thread, Cotton
A-A-55126	-	Fastener Tapes, Hook and Loop, Synthetic
V-B-871	-	Button, Sewing Hole, and Button, Staple, (Plastic)
V-F-106	-	Fasteners, Slide, Interlocking
V-L-61	-	Laces, Nylon
V-T-285	-	Thread, Polyester
V-T-295	-	Thread, Nylon
CCC-C-426	-	Cloth, Drill, Cotton
CCC-C-432	-	Cloth, Sheeting, Cotton, (Unbleached, Bleached, and Dyed)
CCC-C-440	-	Cloth, Cheesecloth, Cotton, Bleached and Unbleached
CCC-C-441	-	Cloth, Corduroy, Cotton
CCC-C-458	-	Cloth, Flannel, Cotton
DDD-L-20	-	Label: For Clothing, Equipage, and Tentage (General Use)
DDD-T-86	-	Tape, Textile; Cotton, General Purpose (Unbleached, Bleached, or Dyed)

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MIL-C-297	-	Cloth, Interlining, Cotton or Synthetic Warp, and Spun Hair-Wool or Rayon Filling
MIL-C-368	-	Cloth, Satin, Rayon and Cloth, Twill Rayon
MIL-B-371	-	Braid, Textile, Tubular
MIL-C-508	-	Cloth, Oxford, Nylon, 3 Ounce
MIL-B-593	-	Braid, Textile (Flat)
MIL-B-1667	-	Braid, Textile, Cord-Edge
MIL-B-1860	-	Buckle, Slide, Plastic
MIL-B-3461	-	Button, Insignia, Metal, Uniform and Cap
MIL-T-5237	-	Tape, Textile; Webbing, Textile; Rayon
MIL-C-10296	-	Cloth, Sateen, Cotton
MIL-F-10884	-	Fasteners, Snap
MIL-C-11065	-	Cloth, Flannel, Wool and Nylon, 16-Ounce, Shrink-Resistant
MIL-B-13466	-	Braid, Textile and Lace, Vellum, Woven, Textile (For Blue Dress Uniform)
MIL-L-15040	-	Labels, Garment (Woven, Rayon)
MIL-P-15064	-	Pads, Shoulder and Sleeve-head
MIL-C-15065	-	Coat Fronts
MIL-C-16375	-	Cloth, Wigan, Cotton
MIL-B-17143	-	Button, Insignia (Anchor, Plastic, Black)
MIL-L-17507	-	Lace, Ornamental
MIL-L-20271	-	Lace, Gold; Ornamental
MIL-B-20289	-	Buttons, Insignia, Plastic
MIL-C-29137	-	Cloth, Felt-Fabric, Composite, Undercollar
MIL-B-40092	-	Braid, Textile, Cord-Edge, Polyester
MIL-T-43624	-	Thread, Polyester, Spun
MIL-C-43626	-	Cloth, Interlining, Acetate and Cotton
MIL-C-43675	-	Cloth, Interlining, Cotton Warp and Rayon Filling
MIL-C-43718	-	Cloth, Polyester; Polyester and Cotton; Polyester and Rayon, for Pockets
MIL-C-43843	-	Cloth, Plain Weave, Polyester/ Cotton, Precured, Durable Press
MIL-C-43920	-	Cloth, Interlining, Cotton or Synthetic, and Nylon
MIL-C-44296	-	Cloth, Fusibles
MIL-O-82112	-	Ornamentation for Uniform, Woman's, Evening Dress; Officer's

MIL-O-82194 - Ornamentation for Jacket, Man's, Evening Dress, Officer's

MILITARY HANDBOOK

MIL-HDBK-156 - Glossary of Military Clothing Fabrication Terms

STANDARDS

FEDERAL

FED-STD-751 - Stitches, Seams, and Stitching

3. DEFINITIONS

(Terminology is defined in MIL-HDBK-156)

4. GENERAL STATEMENTS

4.1 This handbook may be used by the military services in preparing military specifications. It is intended to standardize clothing components for use in the development of items of military uniforms.

4.2 Unless otherwise specified, all stitches, seams, and stitching shall be in accordance with FED-STD-751.

5. DETAIL REQUIREMENTS

5.1 Ornamentation. Ornamentation for military uniforms should conform to the following specifications (as applicable):

MIL-B-593	-	Braid, Textile (Flat)
MIL-B-1667	-	Braid, Textile, Cord-Edge
MIL-B-13466	-	Braid, Textile and Lace, Vellum, Woven, Textile (For Blue Dress Uniform)
MIL-L-17507	-	Lace, Ornamental
MIL-L-20271	-	Lace, Gold; Ornamental
MIL-B-40092	-	Braid, Textile, Cord-Edge, Polyester
MIL-O-82112	-	Ornamentation for Uniform, Woman's, Evening Dress, Officer's
MIL-O-82194	-	Ornamentation for Jacket, Man's, Evening Dress, Officer's

5.2 Drawcords. Tubular braid for drawcords shall conform to:

MIL-B-371 - Braid, Textile, Tubular

5.3 Hanger loops. Flat braid for hanger loops shall conform to:

MIL-B-371 - Braid, Textile, Tubular

When applicable, hanger loops may be fabricated from the uniform lining material or basic material.

5.4 Necktab. Necktabs for women's shirts may be fabricated from polyester/cotton, durable press cloth conforming to MIL-C-43843.

5.5 Suspender loops. Nylon laces for suspender loops or similar constructions shall conform to:

V-L-61 - Laces, Nylon

5.6 Buckles. Plastic slide buckles for overcoat and raincoat belts shall conform to:

MIL-B-1860 - Buckle, Slide, Plastic

5.7 Buttons

5.7.1 Buttons, plastic. Plastic buttons for military uniforms shall conform to the following specifications (as applicable):

V-B-871	-	Button, Sewing, Hole and Button, Staple (Plastic)
MIL-B-17143	-	Button, Insignia (Anchor, Plastic, Black)
MIL-B-20289	-	Buttons, Insignia, Plastic

5.7.2 Buttons, metal. Metal insignia buttons for military uniforms shall conform to:

MIL-B-3461 - Button, Insignia, Metal, Uniform and Cap

5.8 Fasteners

5.8.1 Fasteners, hook and eye (trouser). Nickel-plated hook and eye fasteners for closing trouser waistbands shall be North and Judd (Hook Flex H-49, K-50, H-89 and E-90); Universal Button Co. (Talon #3, #7, and #8 hook with #8 eye or #85 eye); Akim Co. Junior Series, type JB; Stimpson (P-536, D-4086, D-4457, D-4288; RAU (0A50, OX1256, 080415), Patwin, Inc. (Slim-Slak with MB eye, and Silk Slak); or equal.

5.8.2 Fasteners, collar closure hook and eye. Hooks and eyes for collar closures shall be commercial-type brass, or as specified.

5.8.3 Fasteners, slide. Slide fasteners for military uniforms shall conform to:

V-F-106	-	Fasteners, Slide, Interlocking

5.8.4 Fasteners, snap (clinch-on type). Clinch-on type snap fasteners for military uniforms shall conform to:

MIL-F-10884	-	Fasteners, Snap

5.8.5 Fastener, snap (sew-on type). Sew-on type snap fasteners shall be brass, rolled edge, round or square type.

5.8.6 Fastener tapes. Hook and loop fastener tapes for military uniforms shall conform to:

A-A-55126	-	Fastener Tapes, Hook and Loop, Synthetic

5.9 Tape. Tapes for binding seams or edges, reinforcements, bridles, stays, hem finishing, and other uses shall conform to the following specifications (as applicable):

A-A-52067	-	Binding, Textile, Cotton, Bias Cut
DDD-T-86	-	Tape, Textile; Cotton, General Purpose (Unbleached, Bleached, or Dyed)
MIL-T-5237	-	Tape, Textile; Webbing, Textile; Rayon

5.10 Thread. Thread used in the manufacture of military uniforms should conform to the following specifications (as applicable):

A-A-50196	-	Thread, Silk
A-A-50198	-	Thread, Gimp, Cotton, Buttonhole
A-A-50199	-	Thread, Polyester Core, Cotton-or Polyester-Covered
A-A-52094	-	Thread, Cotton
V-T-285	-	Thread, Polyester
V-T-295	-	Thread, Nylon
MIL-T-43624	-	Thread, Polyester, Spun

5.11 Labels. Labels shall conform to the following specifications (as applicable):

DDD-L-20	-	Label; For Clothing, Equipage, and Tentage (General Use)
MIL-L-15040	-	Labels, Garment (Woven, Rayon)

5.12 Interlining. Interlinings for military uniforms shall conform to the following specifications (as applicable):

A-A-50128	-	Cloth, Interlining, Non-Woven
A-A-50135	-	Cloth, Interlining, Polyester
A-A-51086	-	Cloth, Buckram, Woven and Nonwoven
CCC-C-440	-	Cloth, Cheesecloth, Cotton, Bleached and Unbleached
MIL-C-297	-	Cloth, Interlining, Cotton or Synthetic Warp, and Spun Hair-Wool or Rayon Filling
MIL-C-15065	-	Coat Fronts
MIL-C-16375	-	Cloth, Wigan, Cotton
MIL-C-43626	-	Cloth, Interlining, Acetate and Cotton
MIL-C-43675	-	Cloth, Interlining, Cotton Warp and Rayon Filling
MIL-C-43718	-	Cloth, Polyester; Polyester and Cotton; Polyester and Rayon, For Pockets
MIL-C-43920	-	Cloth, Interlining, Cotton or Synthetic, and Nylon

In addition to the specifications above, interlining may consist of uniform basic material, uniform lining, or other material, when specified.

5.13 Lining. Linings for military uniforms shall conform to the following specifications (as applicable):

A-A-50067	-	Cloth, Flannel, Wool
A-A-52074	-	Cloth, Satin, Lining Material
MIL-C-368	-	Cloth, Satin, Rayon and Cloth, Twill, Rayon
MIL-C-508	-	Cloth, Oxford, Nylon, 3 Ounce
MIL-C-29137	-	Cloth, Felt-Fabric Composite, Undercollar
MIL-C-43718	-	Cloth, Polyester; Polyester and Cotton; Polyester and Rayon, For Pockets

When specified, certain lining parts may be fabricated from the basic uniform material or other material.

5.14 Pocketing. Pocketing for military uniforms shall conform to the following specifications (as applicable):

CCC-C-426	-	Cloth, Drill, Cotton
CCC-C-432	-	Cloth, Sheeting, Cotton, (Unbleached, Bleached, and Dyed)

CCC-C-441	-	Cloth, Corduroy, Cotton
CCC-C-458	-	Cloth, Flannel, Cotton
MIL-C-10296	-	Cloth, Sateen, Cotton
MIL-C-11065	-	Cloth, Flannel, Wool and Nylon, 16-Ounce, Shrink-Resistant
MIL-C-43718	-	Cloth, Polyester; Polyester and Cotton; Polyester and Rayon, For Pockets

In addition to the above, pockets may be fabricated from the basic uniform material or other material, when specified.

5.15 Pads, shoulder and sleeve head. Unless otherwise specified, shoulder pads and sleeve-head pads should conform to:

MIL-P-15064 - Pads, Shoulder and Sleeve-Head

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Navy - NU
Air Force - 45

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Preparing Activity:

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Military Handbook for Military Uniforms

4. NATURE OF CHANGE *(Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)*

5. REASON FOR RECOMMENDATION

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