

MILITARY SPECIFICATION

SHORTS, WOMAN'S (EXERCISE)

This specification has been approved by the Department of Defense and is mandatory for use by the Departments of the Army, the Navy, and the Air Force.

1. SCOPE

1.1 Scope. This specification covers the requirements for shorts worn by women of the Army, the Navy, and the Air Force.

1.2 Classification. The shorts shall be of one type in the following sizes and lengths, as specified (see 6.2):

- Sizes — 8, 10, 12, 14, 16, 18, 20, 38 (22), 40 (24), 42 (26), and 44 (28).
Lengths — Short, Regular, Long.

2. APPLICABLE DOCUMENTS

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

SPECIFICATIONS

FEDERAL

- V-B-871 — Buttons.
V-T-276 — Thread; Cotton.
UU-P-268 — Paper, Kraft, Wrapping.
CCC-T-191 — Textile Test Methods.
DDD-S-751 — Stitches; Seams; and Stitching.

- PPP-B-636 — Boxes, Fiber.
PPP-T-60 — Tape; Pressure Sensitive Adhesive, Waterproof—For Packaging and Sealing.

MILITARY

- MIL-C-11854 — Cloth, Cotton, Denim.
MIL-L-15040 — Labels, Garment.

STANDARDS

MILITARY

- MIL-STD-105 — Sampling Procedures and Tables for Inspection by Attributes and Appendix thereto.
MIL-STD-129 — Marking for Shipment and Storage.

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

3. REQUIREMENTS

3.1 Guide sample. Samples are furnished as a guide only (see 6.2). Variations from the specifications may appear in the sample, in which case the specification shall govern. Except for such variations the design, quality,

workmanship, in all respects not covered by this specification, shall be equal to the guide sample.

**3.2 Sample approval.** Unless otherwise specified, the contractor shall submit to the contracting officer one finished pair of shorts cut in accordance with government furnished patterns and conforming to the requirements of design, construction, workmanship, and appearance of this specification (see 6.2).

**3.3. Materials.**

**3.3.1 Basic material.** The material for making the shorts shall be cloth, cotton, denim conforming to the requirements of Specification MIL-C-11854.

**3.3.1.1 Color.** The color of the cloth shall be USAF shade 516.

**3.3.2 Buttons.** The buttons shall be white, 22-line, and shall conform to the requirements for type II, class D1a, melamine formaldehyde, figure 2, style 5 of Specification V-B-871.

**3.3.3. Thread, cotton.** The thread shall be white, and shall conform to the requirements for type 1A2, 3-cord, ticket numbers 40 and 60 of Specification V-T-276.

**3.3.4 Labels.** The labels shall be made of cloth conforming to the requirements for type III, class 3 of Specification MIL-L-15040 or applied to the garment by means of decalcomania marking by heat and pressure or by stamping. The labels shall be printed or transferred to the garment in bold block letters using black indelible ink. A margin of  $\frac{3}{16}$  inch for cloth labels shall be allowed on each four sides for the purpose of sewing. The imprint of the marking shall show good color fastness and shall be legible after ten cycles of washing when tested as specified in 4.4.

**3.3.4.1 Legend.** The following information shall be provided on the contractors label in letters and numerals not less than  $\frac{3}{32}$  inch

in height except the nomenclature which shall be not less than  $\frac{11}{64}$  inch in height, for example:

(Nomenclature)

MIL-S-

Stock No. ....

Manufacturer's Name .....

Contract or Order No.....

Size .....

Abbreviations to be used for applicable length are as follows:

Short — S

Regular — R

Long — L

**3.4 Description.** The shorts shall have a 5-button closure on the left side, with two buttons on the waistband and three on the body of the shorts; a set-in (swing) pocket on right front section at lower edge of waistband; two stitched pleats in each front section; one dart in each back section; an outlet on seat seam and waistband at center back; and bottom of legs hemmed. (See figure 1).

**3.5 Patterns.** Standard patterns will be furnished by the Government to the contractor for cutting working patterns (see 6.2). The working patterns shall be identical to the Government patterns. Neither the Government patterns nor the working patterns shall be altered in any way.

**3.5.1 List of pattern parts.** The list of pattern parts shall comprise the specified material and the number of cut parts listed below:

**3.5.1.1 Cloth, cotton, denim**

Pattern	Cut parts
Front	2
Back	2
Waistband	2
Placket pieces	2
Pocket	1

**3.6 Stitches, seams, stitching.** The stitch, seam, and stitching types specified herein shall

conform to the requirements of Specification DDD-S-751. Unless otherwise specified, the seam allowance is  $\frac{5}{8}$  inch gauge; superposed plies shall be placed face to face; ends and edges of seams shall be even; topstitching, edge stitching, the stitching on a hem next to a turned under edge, along fold of pleat, and along edges of label shall be  $\frac{1}{16}$  to  $\frac{1}{8}$  inch from edge. The ends of a line of stitching not crossed by another line of stitching shall be backtacked for  $\frac{1}{4}$  to  $\frac{3}{8}$  inch. Where 401 stitch type is used the looper (under) thread shall be on the inside of garment. The stitch types,

threads and number of stitches shall be as shown in table I.

**3.7 Construction.** The shorts shall be constructed in accordance with the Government patterns, notches and markings therein, and all the operations shown in table II. The contractor may vary the sequence of operations provided the finished shorts are identical with those produced by following the exact sequence as shown. Measurements are based on the finished shorts size 14 regular.

TABLE I. *Stitch types, threads, and number of stitches*

Operations	Stitch types	Top or Needle	Lower or looper	No. of stitches
Stitching—general	301 or	40/3	40/3	12 to 14 per inch
	401	40/3	60/3	12 to 14 per inch
Buttonholes— $\frac{5}{8}$ inch	101 or	40/3	40/3	46 per buttonhole
	304 or 404	40/3		
Bartacks— $\frac{7}{16}$ inch	304 or 404	40/3	40/3	28 or 42 per bartack
Button sewing	101 or	40/3	40/3	21 per button
	301	40/3		16 per button
Serging (overedge stitched)	503 or 505	60/3	60/3	6 to 8 per inch

TABLE II. *Construction*

Operations	Seam or stitching types
<p>1. <i>Cutting</i></p> <p>1.1 Cut component parts in accordance with instructions and directional lines noted on the Government patterns. All component parts of each pair of shorts shall be cut from the same piece of fabric, except placket and pocket pieces which may be cut from ends, but must match the shade of the shorts.</p> <p>2. <i>Replacement of damaged parts</i></p> <p>2.1 Any part containing damages, holes or seriously weakening defects such as smashes, multiple floats and slubs likely to develop into a hole shall be replaced at time of cutting.</p> <p>2.2 Any part damaged during the manufacturing process by needle chews, which may be expected to develop into a hole, scissor or knife cuts, tears, holes, mends, burns, or large exposed drill holes shall be replaced.</p> <p>3. <i>Shade marking</i></p> <p>3.1 Mark all component parts to ensure a uniform shade throughout each pair of shorts except component parts cut from ends.</p>	

TABLE II. Construction (cont'd)

Operations	Seam or stitching types
3. Shade marking— <i>Continued.</i>	
3.2 The use of fastening devices or sew-on tickets for shade marking is prohibited.	
3.3 The use of pad numbering machines, rubber stamp or pencil is acceptable provided the numbering does not show through to the outer side of the garment and wherever possible, numbers shall be covered by seam allowance.	
4. <i>Serging (overedge stitching)</i>	
4.1 All exposed (raw) seam edges in the finished shorts shall be serged (over-edge stitched), $\frac{3}{16}$ ( $\pm \frac{1}{16}$ ) inch gauge in depth. Where there are two layers of cloth, they shall be serged together.	SSa-1
5. <i>Prepare fronts</i>	
5.1 <i>Make pleats</i>	
5.1.1 Fold and topstitch two pleats in each front, the depth and location as indicated on the pattern; or fold each pleat as an inside tuck and stitch, then turn tuck toward the center front and topstitch.	OSe-1 or OSf-1 and OSe-1
5.1.2 In the finished shorts, the pleats in each front section shall face the side seam, shall be stitched down for 6 ( $\pm \frac{1}{4}$ ) inches in length, and shall be $\frac{1}{2}$ ( $\pm \frac{1}{8}$ ) inch deep, and 2 ( $\pm \frac{1}{4}$ ) inches apart.	
5.2 <i>Make set-in (swing) pocket in right front and attach label</i>	
5.2.1 Stitch the four edges of a label to one end of pocket pouch piece, the label on the underside, centered between the sides with the top of label toward the end of pocket pouch piece.	LSa-1
5.2.1.1 In the finished shorts, the label shall be on the inner ply of pocket pouch on the inside of garment with top of label approximately 1 inch below top of pocket.	
5.2.2 Stitch outer ply end of pocket pouch piece to front between notches indicated on pattern. Slash seam at each end of stitching, turn pocket pouch piece to underside and edge stitch.	SSe-2
5.2.3 Fold pocket pouch piece upward with end of inner ply even with top raw edges on either side of pocket opening, and stitch pocket seam on each side. Stitching may be continued across bottom of pocket $\frac{1}{8}$ inch from fold and bottom corners may be rounded.	SSa-1
5.2.4 The finished pocket opening shall measure 3 ( $\pm \frac{1}{4}$ ) inches wide with the end of pocket opening next to the side seam $1\frac{1}{4}$ ( $\pm \frac{1}{4}$ ) inches from it. The pocket shall be $3\frac{3}{4}$ ( $\pm \frac{1}{2}$ ) inches deep.	
5.3 <i>Prepare facing (buttonhole) and join to left front</i>	
5.3.1 Turn under inner edge of buttonhole facing $\frac{5}{8}$ inch gauge and stitch $\frac{1}{16}$ to $\frac{1}{8}$ inch from folded edge.	EFa-1
5.3.2 Stitch outer edge of buttonhole facing to side edge of left front above notch indicated on pattern. Slash seam to end of stitching at lower end. Turn facing to underside and edge stitch.	SSe-2
5.3.3 The finished buttonhole facing shall be $1\frac{3}{4}$ ( $\pm \frac{1}{4}$ ) inches wide.	
6. <i>Prepare backs</i>	
6.1 <i>Make darts</i>	
6.1.1 Stitch an inside dart in each back section, the depth and length as indicated on pattern. Turn dart toward center back.	OSf-1

TABLE II. *Construction (cont'd)*

Operations	Seam or stitching types
6. <i>Prepare backs—Continued</i>	
6.1.2 In the finished shorts, the dart shall be $\frac{3}{4}$ ( $\pm \frac{1}{8}$ ) inch deep at waistband tapering to a point 6 ( $\pm \frac{1}{2}$ ) inches below the waistband.	
6.2 <i>Join placket strip to left back</i>	
6.2.1 Stitch one edge of placket strip to side edge of left back above notch indicated on pattern with face of placket strip against inside of back. Slash seam to end of stitching at lower end to permit placket strip below notch to lie flat. Turn under the opposite edge of placket strip $\frac{5}{8}$ inch gauge, and topstitch edge to back above notch. Slash turned under edge of placket strip at lower end of stitching to the fold line to permit the inner edge of placket strip below notch to lie flat.	as BSg-2
or	
Fold placket strip double, turn the edges of placket strip inward $\frac{5}{8}$ inch gauge, and stitch to left back above notch. Slash both turned under edges at lower end of stitching to fold line to permit the inner edge of placket strip below notch to lie flat.	LSe-1
6.2.2 The finished placket extension on back shall measure $1\frac{3}{4}$ ( $\pm \frac{1}{4}$ ) inches in width.	
7. <i>Join side seams</i>	
7.1 Stitch the right side seam from top to bottom; stitch the left side seam below the notch, catching in the stitching the lower end of buttonhole facing, but not the lower end of the placket extension. Turn side seams toward the front with lower end of placket extension or underside of seam and topstitch.	LSak-2
8. <i>Join front sections</i>	
8.1 Stitch center front seam. Turn seam against right front and topstitch.	LSak-2
9. <i>Attach waistband</i>	
9.1 Use method described in either 9.1.1 or 9.1.2.	
9.1.1 Stitch one edge of each waistband section to inside top of corresponding section of shorts. Fold each waistband section double, turn bottom edge under, and turn both ends of each section inward; topstitch lower edge to top of shorts, and edge stitch ends and top of waistband.	as BSg-2, OSf-1 and SSc-1
9.1.1.1 Ends of waistband sections may be finished by stitching, turning and edge stitching.	SSe-2
9.1.2 Fold each waistband section double, turn both ends and bottom edges inward, insert top of corresponding section of shorts between bottom edges; topstitch along bottom, and edge stitch ends and top of each waistband section.	LSe-1 OSf-1 and SSc-1
9.2 The finished waistband shall measure $1\frac{3}{4}$ ( $\pm \frac{1}{8}$ ) inches wide.	
10. <i>Join back sections</i>	
10.1 Stitch center back seam and tandem stitch $\frac{1}{16}$ inch gauge, allowing an outlet of $1\frac{3}{4}$ ( $\pm \frac{1}{4}$ ) inches in depth at center back of waistband tapering to the depth seam indicated on pattern at inseam.	SSa-2
10.2 Open center back (outlet) seam and stitch across seam on stitching at bottom of waistband through all plies.	OSa-1
11. <i>Join inseams</i>	
11.1 Stitch inseam full length. Turn seam against the back and topstitch.	LSak-2

TABLE II. Construction (cont'd)

Operations	Seam or stitching types
12. <i>Hem leg bottoms</i> 12.1 Turn in the raw edge of leg bottom and stitch forming a 1 ( $\pm \frac{1}{8}$ ) inch hem.	EFb-1
13. <i>Bartacks</i> 13.1 Stitch three, $\frac{7}{16}$ -inch long zigzag bartacks as follows: 13.1.1 One at each end of pocket opening, perpendicular to opening. 13.1.2 One at lower end of left side placket, perpendicular to edge of placket.	
14. <i>Make buttonholes</i> 14.1 Stitch five horizontal, $\frac{5}{8}$ -inch, straight, barred type buttonholes, with outer end of each buttonhole $\frac{1}{2}$ ( $\pm \frac{1}{8}$ ) inch from edge as follows: 14.1.1 Two, centered in left front end of waistband $\frac{3}{4}$ inch apart. 14.1.2 Three, in left front below waistband 2 ( $\pm \frac{1}{8}$ ) inch apart starting from lower buttonhole on waistband.	
15. <i>Sew on buttons</i> 15.1 Machine stitch five, 22-line buttons to correspond with respective buttonholes as follows: 15.1.1 Two on left back end of waistband with center of each button $1\frac{1}{8}$ ( $\pm \frac{1}{8}$ ) inches from end. 15.1.2 Three located on placket extension so that when placket is buttoned the edge of the front is even with the inner edge of placket extension.	
16. <i>Cleaning</i> 16.1 Remove any soil or grease spots. 16.2 Trim thread ends and remove all loose ends.	
17. <i>Pressing</i> 17.1 Press shorts throughout. Pleats shall be pressed for entire length of fronts.	
18. <i>Buttoning</i> 18.1 Button ends of waistband and side placket.	

3.8 Sizes and measurements. Sizes and measurements shall be as shown in table III. Measurements shall be taken as shown in figure 1. Figures are furnished for information only. To the extent of any inconsistencies between the written specification and the figures, the written specification shall govern.

Finished measurements shall be taken with shorts fully buttoned, smoothed out and in flat position.

A. *Waist.* Double the measurement taken across top edge of waistband from side edge to side edge.

B. *Hip.* Double the measurement taken across front of shorts between points located on each side edge. Points shall be located  $7\frac{1}{2}$  inches from bottom edge of waistband.

C. *Leg bottom.* Double the measurement taken across bottom of each leg opening.

D. *Inseam.* Measurement taken from junction of seams at crotch along inner seam of leg bottom to bottom edge of leg opening.

E. *Outseam.* Measurement taken from bottom of waistband along outer seam to bottom edge of leg opening.

TABLE III. *Sizes and measurements*

Size	Waist A	Hip B	Leg Bottom C	Inseam D			Outseam E		
				Short	Regular	Long	Short	Regular	Long
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
8	22½	34½	24	5½	5½	6½	16½	17	18½
10	24	36	24½	5½	5½	6½	16¾	17¼	18¾
12	25½	37½	25	5½	5½	6½	17	17½	19½
14	27	39	25½	5½	5½	6½	17¼	17¾	19¾
16	28½	40½	26	5½	5½	6½	17½	18	19½
18	30	42	26½	5½	5½	6½	17¾	18¼	19¾
20	31½	43½	27	5½	5½	6½	18	18½	20½
38 (22)	33	45	27½	5½	5½	6½	18¼	18¾	20¾
40 (24)	35	47	28	5¾	5¾	6¾	18½	19	20½
42 (26)	37	49	28½	5¾	5¾	6¾	18¾	19¼	20¾
44 (28)	39	51	29	5¾	5¾	6¾	19	19½	21½
Tolerance	± ½	± 1	± ½	± ¼	± ¼	± ½	± ½	± ½	± ½

**3.9 Workmanship.** The quality of manufacture shall be controlled to guarantee conformity with the high standard of workmanship required by the acceptable quality levels.

#### 4. QUALITY ASSURANCE PROVISIONS

**4.1 General.** Sampling, inspection and testing of the items covered by this specification shall be in accordance with 4.2, 4.3, 4.4. Sampling, inspection and testing of components shall be in accordance with applicable specifications for such components. The Government reserves the right to perform sampling, inspection and testing for any requirements of this specification which are not specifically included in 4.2, 4.3, and 4.4.

**4.2 Sampling.** Sampling shall be conducted in accordance with Standard MIL-STD-105 (see 6.2). When MIL-STD-105 specifies an action by the Government, it shall, at the option of the Government, be performed either by the Government, or by the contractor under the supervision of the Government inspection.

**4.3 Inspection.** Inspection shall be made by the Government to determine compliance with this specification (see 6.2). Visual inspection of the item shall be in accordance with the classification of defects (table IV), and ac-

ceptable quality levels (4.3.1). The Government reserves the right to classify as a defect any departure from this specification not specifically listed in table IV.

**4.3.1. Inspection of components.** Inspection of components shall be made in accordance with applicable subsidiary specifications and drawings referenced herein to the extent applicable, except that this specification shall govern in the event of conflict.

**4.3.1.1 Sampling for testing.** When any materials are furnished by the government, such materials shall not be sampled or tested unless specifically requested by the Government. The sample unit for testing of each component shall be the quantity necessary to perform all required tests one time each. Lot sizes are expressed as follows:

Cloth — yards  
Buttons — each  
Labels — each  
Thread — cone or spool

**4.3.1.2 Testing criteria.** Unless otherwise indicated on applicable specification, the sample unit for testing shall be as follows:

Cloth, cotton denim — 3 yards full width  
Buttons — 40 each  
Labels — 10 each  
Thread — 1 cone or spool

TABLE IV. Classification of defects

Examine	Defects	Major	Minor
Bartacks and backtacks	Any bartack omitted, misplaced or insecure not serving purpose intended.		X
	Any required backtacking omitted _____		X
Buttons and buttonholes	Any buttonhole omitted or added _____	X	
	One or more broken stitches in 3 or more buttonholes _____	X	
	Buttonhole stitching not securely caught on fabric, i.e., stitches can be easily pulled away from edge of material.	X	
	Buttonholes not corresponding to size of buttons, so that they do not button properly.	X	
	Tacking omitted or loose on 1 or both ends of 2 or more corresponding buttonholes.	X	
	Tacking omitted or loose on 1 or both ends of 1 buttonhole.		X
	One or more broken stitches in 1 or 2 buttonholes _____		X
Cleanness	More than 2 skipped stitches in 1 or more buttonholes _____		X
	Undercut buttonholes _____		X
	Spots or stains judged difficult to remove seriously affecting appearance.	X	
	Untrimmed thread ends indicating omission of proper trimming operation.		X
Color and shade: Material	Markings and noticeable spots or stains not removed throughout garment.		X
	Color other than specified _____	X	
Buttons } Thread }	Variation of shade within a garment affecting appearance, except component parts cut from ends.		X
	Color other than specified _____		X
Construction details	Any construction detail not conforming to contractor's approved sample, and not classified herein, seriously affecting appearance or serviceability.	X	
Darts	Any dart omitted, incomplete or misplaced seriously affecting appearance or serviceability.	X	
Hems	Any hem puckered, pleated or distorted affecting appearance.		X
Label	Omitted or insecurely attached.		X
	Inscription omitted, incorrect or illegible _____		X
Measurements	Any measurement deviating from nominal dimension specified in table of measurements by more than twice the tolerance.	X	
	Any measurement deviating from nominal dimension specified in table of measurements by more than the tolerance but not more than twice the tolerance.		X
Material (fabric imperfections)	Holes, smashes, slubs, floats or any other defect seriously affecting appearance or serviceability.	X	
Pleats	Any pleat omitted or misplaced seriously affecting appearance.	X	
	Edge of any pleat not facing specified side seam _____		X



TABLE IV. Classification of defects (Cont'd)

Examine	Defects	Major	Minor
Pockets	Pocket omitted or pocket opening stitched closed _____	X	
Pressing	Pressing operation obviously omitted _____		X
Seams and stitching:			
General	Any seam pleated, twisted or distorted seriously affecting appearance or serviceability.	X	
	Any part of garment caught in an unrelated stitching operation seriously affecting appearance or serviceability.	X	
	Any specified stitching omitted seriously affecting appearance or serviceability.	X	
	Wrong seam or stitch type _____		X
Irregular stitching	Irregular or unevenly gauged stitching seriously affecting appearance.	X	
Open seams (consecutive skipped or broken stitches).	Any open seam more than ½ inch _____	X	
	Two or more open seams each ½ inch or less _____	X	
	One open seam ½ inch or less _____		X
Raw edges (any specified finished edge appearing cut, torn or unfinished).	Any raw edge on outside of garment more than ½ inch.	X	
	Three or more raw edges on outside of garment each ½ inch or less.	X	
	Two raw edges on outside of garment each ½ inch or less.		X
	Any raw edge on outside of garment one inch or more _____		X
Stitches skipped or broken (stitches skipped or broken on same row of stitching but not amounting to an open seam).	Four or more skipped or broken stitches within any three inches of stitching on outside of garment.	X	
Stitch tension	Loose tension resulting in a loosely secured seam _____	X	
	Loose tension on edge or raised stitching, affecting appearance.		X
	Tight tension evidenced by puckering _____	X	
	(Note: Tight tension shall be classified as a defect only when an open seam or broken stitches result when a moderate strain is applied along the length of the seam by the inspector.)		
Waistband	Twisted, pleated, puckered, irregular in width or distorted seriously affecting appearance or serviceability.		X
Workmanship (damages which may occur during the manufacturing process).	Holes, tears or cuts _____	X	
	Burn or scorch marks seriously affecting appearance or serviceability.	X	
	Needle chews clearly noticeable _____		X
	Reworked damages seriously affecting appearance or serviceability.	X	
	Any component part sewn with fabric reversed _____	X	

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The inspection level for each component shall be L-2 of table VII, appendix to MIL-STD-105. The number of units for product (sample size) drawn from each lot shall be as shown in table IV of MIL-STD-105. The AQL for each characteristic tested shall be 6.5 defects per 100 units.

**4.3.2 Acceptable quality levels.** The acceptable quality levels shall be as follows:

Majors .....	2.5 defects per 100 units
Totals .....	10.0 defects per 100 units (majors and minors combined)

**4.4 Tests.** Wherever applicable, tests shown in table V and in supplemental specifications listed in 2.1 shall be conducted in accordance with methods prescribed in Specification CCC-T-191.

TABLE V. Tests

Tests	Requirement reference	Method
Colorfastness of label marking	3.3.4	5610 <sup>1</sup>

<sup>1</sup> Except that samples shall be subjected to ten cycles of washings.

## 5. PREPARATION FOR DELIVERY

### 5.1 Packaging.

**5.1.1 Level A.** Each pair of shorts shall be folded as follows: Step 1. Fold buttoned shorts in half lengthwise, with the buttoned portion outside the fold. Step 2. Fold the waistband down and the seat of the shorts in approximately 2 to 4 inches (according to size) so that the folded shorts measure approximately 11½ inches by 15 inches.

**5.1.2 Level C.** The shorts shall be packaged in accordance with the supplier's normal practice.

### 5.2 Packing.

**5.2.1 Level A.** Twelve domestic shipping containers of shorts, packed as specified in 5.2.2, shall be overpacked six in length, one

in width and two in depth within an export shipping container conforming to the requirements of type I or II, class 2, grade 3, style FOL of Specification PPP-B-636. The inside dimensions of the export shipping container shall be 46¾ inches in length, 16¼ inches in width, and 24 inches in depth. The requirements for closure and strapping of the export boxes shall conform to the Appendix of PPP-B-636, except that the container flaps shall be glued (not stitched), and the boxes strapped with flat steel straps only. In addition, all corners and joints of the boxes shall be sealed by the application of a 3-inch wide cloth tape conforming to the requirements of type II, class 1, olive drab color of Specification PPP-T-60.

**5.2.2 Level B.** Twenty-five (25) pairs of shorts, of one size and length only, packaged as specified in 5.1.1, shall be packed flat, with every three pairs reversed, in a domestic shipping container conforming to the requirements specified in 5.2.2.1. The top and bottom of each pack of shorts shall be completely covered with a sheet of kraft paper of not less than 30 pounds basis weight (24 by 36-500) conforming to the requirements for grade B of Specification UU-P-268.

**5.2.2.1 Shipping container.** The domestic fiberboard shipping container shall conform to the requirements of type I or II, class 1, style CSSC of Specification PPP-B-636. When type I, class 1 containers are used the fiberboard shall be fabricated from B-flute corrugated medium. The minimum bursting strength of the solid or corrugated fiberboard shall be 350 psi. The inside dimensions of the fiberboard shipping container shall be 15½ inches in length, 11⅙ inches in width, and 7⅛ inches in depth.

**5.2.2.2 Closure.** All flaps of the domestic fiberboard shipping container shall be sealed with an adhesive (glue) used commercially for fiberboard containers by application throughout the entire area of contact between the flaps or by a combination of metal stitching the bottom flaps and sealing the top flaps with an adhesive (glue).

5.2.3 *Level C.* The shorts, packaged as specified in 5.1, shall be packed in a manner which will insure acceptance and safe delivery at destination shipping containers shall conform to the Consolidated Freight Classification Regulations, or to regulations of other carriers as applicable to the mode of transportation.

5.3 **Marking.** Shipping containers shall be marked in accordance with the requirements of Standard MIL-STD-129.

5.3.1 *Nomenclature.* Shorts, Women's  
(Exercise).

## 6. NOTES

6.1 **Intended use.** The shorts covered by this specification are intended for wear with the woman's chambray work shirt as an exercise suit.

6.2 **Ordering data.** Procurement documents should specify the following:

- (a) Title, number, and date of this specification.
- (b) Sizes and lengths required.  
(See 1.2).
- (c) Availability of guide sample.  
(See 3.1).

- (d) Requirements for sample approval.  
(See 3.2).
- (e) Availability of patterns.  
(See 3.5).
- (f) Sampling and inspection procedures required. (See 4.2 and 4.3).
- (g) Level(s) of packaging and packing required. (See 5).

**Notice.** When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

### Custodians:

Army—Quartermaster Corps  
Navy—Bureau of Supplies and Accounts  
Air Force

### Other interests:

Army—M  
Navy—MC

### Preparing activity:

Navy—Bureau of Supplies and Accounts

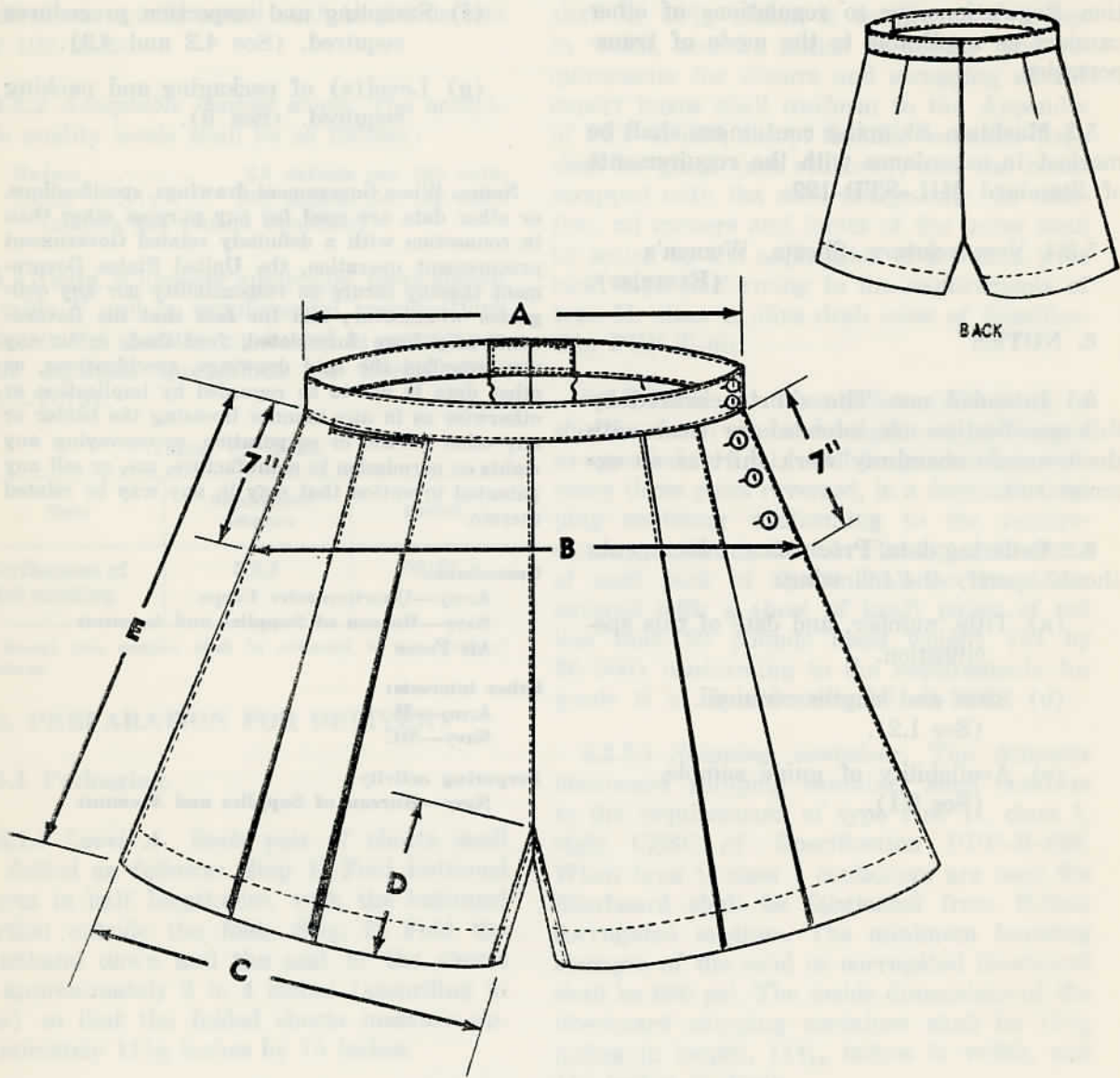


FIGURE 1 — SHORTS, WOMEN'S (EXERCISE)