

INCH-POUND

A-A-55260

October 12, 1994

COMMERCIAL ITEM DESCRIPTION

COAT, ALL-WEATHER, MEN'S

The General Services Administration has authorized the use of this commercial item description for all Federal agencies.

1. **SCOPE.** This commercial item description covers the requirements for men's all-weather coats made of water-repellent-treated polyester/cotton poplin with a removable liner.

2. **CLASSIFICATION.** The coat shall be in the following classes:

Class 1 - Marine Corps Pewter 2246

Class 2 - Army Black 385

3. SALIENT CHARACTERISTICS

3.1 **Description.** The coat shall be as shown in Figures 1 through 7. The coat shall have a double-breasted front with six (6) buttons and a button throat closure, interlined collar; front and back yoke lining; bound front facing; set-in sleeves; and interlined, pointed, button-down shoulder and sleeve straps. The coat shall have a right front flap (gun patch), two vertical welt pockets with pass-through slits, center back box pleated vent, and a half cape back. The coats shall be well pressed throughout. All wrinkles, creases, or pressing impressions shall be removed, and there shall be no excess gloss or scorching.

3.1.1 The coat shall have four (4) belt loops to support a pointed belt. The belt shall have a buttoned belt anchor on the left side with a belt-loop keeper, fused interlining, and a buckle.

3.1.2 Each shoulder strap shall be positioned with the back finished edge approximately 1/2 inch behind and in line with the shoulder seam and with the point end even with the collar setting seam.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: Defense Personnel Support Center, Attn: DPSC-FQSD, 2800 South 20th Street, Philadelphia, PA 19145-0530

AMSC N/A

FSC 8405

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3 1.3 The coat shall have eight 45-line buttons three buttons for each front, one shank-wrapped button on the inside left front to properly engage buttonhole on the right front lapel, one button on the upper right front to correspond with the left lapel buttonhole to provide a smooth closure with the ends of the collar meeting at the neck and not overlapping or spread apart more than 1/2 inch. The buttons on the right front only shall be set on a stand, attached to an 18-line stay button inside, and then shank-wrapped. The buttons on the left front shall not be shank wrapped, but will have a stay button and shall be sewn with a normal tight stitch. The coat shall have four 30-line buttons (one on each sleeve, and one on each shoulder- slightly forward of the shoulder seam for proper alignment with the shoulder strap buttonhole. There shall be one 24-line button sewn on each sleeve lining to correspond with a loop or buttonhole on the removable liner sleeve bottom, and one on the belt for the fastener. The class 2 coats shall have one extra 30-line and one extra 45-line button sewn on the lower inside right facing.

3.1.4 The buttonholes shall be a horizontal eyelet and square-bar type of worked-over gimp with ends of gimp pulled through the underside. As indicated by the marker, three 1-1/4 inch horizontal buttonholes shall be on the left front, one on the right front, and one on each lapel. Each epaulet and sleeve tab shall also have a 7/8-inch, eyelet-end, square-bar type buttonhole in accordance with pattern marks

3 1.5 The coat shall have a removable, zip-out liner. The liner shall have bound edges, set-in sleeves, two bound pass-through pocket slits and a center vent. The liner's sleeve bottom shall also be bound, forming a button loop on the underarm sleeve seam.

3.1.6 Seams and stitches. All seams shall have 10-12 stitches per inch, with the exception of overedge stitching, which shall have 6-12 stitches per inch. The following seams shall be overedge stitched: raw edge of turned sleeve strap, yoke lining joining seams, sleeve lining seams, coat shoulder seams, coat sleeve under arm sleeve, liner joining seams, and coat armhole seams. Hem top stitching shall be as follows: coat bottom hem 7/8 inch from edge, yoke lining hem 1/2 inch from edge. Center back and side seams of the coat shall be lapped, utilizing fused seam webbing. The shoulder straps, sleeve straps, collar pocket welt, chest (gun) patch, back yoke, back seam, side seams, belt, top and front edges of the lapel, and front edges of the coat and sleeve seams shall be double-stitched 1/16 inch from the edge with a 1/4-inch gage. The following components shall be bartacked: one end of belt anchor to belt, belt keeper to inside of belt, top and bottom edges of belt loops to coat, and lower edge of front yoke linings to side seam of coat. The coat shall have a triangle of topstitching on center back, centered immediately above the back vent, extending the full width of the pleat.

3.2 Material. The basic material for the body and body lining of the coat shall be water-repellent-treated 65 percent polyester/35 percent cotton poplin cloth conforming to A-A-50531. The color shall match Pewter 2246 for class 1 or Black 385 for class 2.

3 2.1 The material for the bias cut binding for the back edge of the facing, edges of liner, bottom edges of sleeve liner, and lining for the sleeves shall be a nylon taffeta, Pewter 2246 for class 1 and Black 385 for class 2, continuous filament 70 denier 1.9 (+0.15) oz./sq. yd. when tested in accordance with ASTM D-3776. The material shall have a minimum of 100 yarns per inch in the warp direction and 68 yarns per inch in the filling direction when tested in accordance with ASTM D-3775

3.2.2 The hanger loop shall be made of the basic fabric specified, or shall be cotton or rayon braid 1/8 to 3/16 inch wide, flat (minimum breaking strength, 50 lbs. when tested in accordance with ASTM D-5034). The hanger loop shall match the basic fabric shade.

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3.2.3 The material for the liner shall be rayon- or cotton-backed satin cloth conforming to type I of A-A-52074. The color shall be Marine Corps pewter shade to approximate the shade of the basic fabric for class 1 coats, and shall be black for class 2 coats.

3.2.4 Fusible interlining

3.2.4.1 **Non-woven.** The interlining for the front facing, front flaps, topcollar, collar stand, pocket welts, shoulder straps, sleeve straps, sleeve turnup, and belt shall be a nonwoven fusible cloth of 85 percent polyester, 15 percent polyamide or 100 percent polyester, 1.75 ounces to 2.0 ounces per square yard, polyamide dot equal to or better than Pellon Style 8416, 8335 or Handler Style No. 71915. The color shall be charcoal for class 1 and charcoal or black for class 2, and shall show a colorfastness to dry cleaning (3 cycles) rating of 3.0 when tested in accordance with AATCC 132. For optimum results, specific fuse times and settings should be obtained from the manufacturer of the non-woven fusible.

3.2.4.2 **Alternate woven (Class 2 only).** The alternate fusible interlining for the collar stand shall be 100 percent cotton, plain weave cloth. The color shall be charcoal or black, and shall show a colorfastness to dry cleaning (3 cycles) rating of 3.0 when tested in accordance with AATCC 132. The fusible adhesive shall be applied to one side in uniform dot pattern in accordance with good commercial practice. The finished fusible shall weigh from 5.5 to 6.5 oz./sq. yd. when tested in accordance with ASTM D-3776. For optimum results, specific fuse times and settings should be obtained from the manufacturer of the interlining.

3.2.5 **Seam tape.** The tape for topstitched seams shall conform to type IX, style A, class 1 or 2 of MIL-C-44296. The color shall be natural. For optimum results, specific fuse times and settings should be obtained from the manufacturer of the fusible web.

3.2.6 **Thread.** The thread for seaming and stitching shall be cotton wrap polyester core thread conforming to type I, size 50 for needle and 50 or 70 for bobbin or looper in A-A-50199. Size 30 shall be used for button sewing. The color shall be shade Taupe A CA 66030 for class 1, and shade Black AA, CA 66043 for class 2. The thread shall be treated with an approved "Quarapel type" water repellent.

3.2.7 **Gimp.** The gimp for reinforcing buttonholes shall be cotton, Taupe A CA 66030 for class 1, and Black AA CA 66043 for class 2 coats, conforming to size No. 8, type I or II of A-A-50198. The gimp shall show "good" colorfastness to dry cleaning when tested as specified in A-A-50198.

3.2.8 **Buttons.** The buttons shall have a glossy finish and shall be Green AF CA 62017 for class 1, and Black CA, CT 62001 for class 2 coats. The buttons shall be sewing-hole buttons of a melamine formaldehyde composition conforming to type II, class D of V-B-871 in the following styles and sizes:

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	Style	Sizes
Front, inside anchor	20 or 21	45
Sleeve, shoulder strap	20 or 21	30
Sleeve liner and belt	20 or 21	24
Stay	15	18
Extra buttons (class 2 only)	20 or 21	30 and 45

3.2.9 **Buckles.** The plastic buckle for the belt shall be a 2-1/4 inch general purpose (melamine) buckle conforming to class 2 of MIL-B-1860. The color shall be Green AF, CA 62017 for class 1, and Black CA, CT 62001 for class 2 coats.

3.2.10 **Slide fastener.** The slide fastener for the coat and removable liner shall be a separating, non-reversible, right-hand, light size, short tab pull and aluminum or brass chain of V-F-106. The tape shall approximate shade Sage Green AH, CA 66533 for class 1 and Black G, CA 66507 for class 2 coats, and may be 7/16 or 3/4 inch wide. The ends of the slide fastener shall be equidistant from the bottom edge of the coat. The lengths of the slide fasteners shall conform to the size coat and shall range from 77 to 87 inches long for extra short to extra long sizes.

3.3 **Labels.** A commercial-type label is acceptable, provided that an additional printed cloth label containing the contractor's name, contract number, size and National Stock Number (NSN) is caught on the stitching of the commercial label. The commercial label shall include fiber content and the following laundering information:

Cleaning Instructions

Dry Clean Only

Special Instructions.

After each dry cleaning,
professionally retreat coat
for water repellency

3.4 **Label/tag** Each item shall be individually bar-coded with the type VIII, class 17 label/tag of DDD-L-20. This label/tag shall be located so that it is completely visible on the item when it is folded and/or packaged as specified and so that it causes no damage to the item.

3.5 **Measurements.** The finished coats shall conform to the following measurements, which are expressed in inches:

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Size	Chest 1/	Back Length 2/	Sleeve Length 3/	Belt Length 4/
Extra Short 32	39	40-1/2	16	40
34	41	40-3/4	16	42
36	43	41	16	44
38	45	41-1/4	16	46
40	47	41-1/2	16	48
42	49	41-3/4	16	50
Short 30	37	42-1/4	17	38
32	39	42-1/2	17	40
34	41	42-3/4	17	42
36	43	43	17	44
38	45	43-1/4	17	46
40	47	43-1/2	17	48
42	49	43-3/4	17	50
44	51	44	17	52
46	53	44-1/4	17	54
Regular 30	37	44-1/4	18	38
32	39	44-1/2	18	40
34	41	44-3/4	18	42
36	43	45	18	44
38	45	45-1/4	18	46
40	47	45-1/2	18	48
42	49	45-3/4	18	50
44	51	46	18	52
46	53	46-1/4	18	54
48	55	46-1/2	18	56
Long 32	39	46-1/2	19	40
34	41	46-3/4	19	42
36	43	47	19	44
38	45	47-1/4	19	46
40	47	47-1/2	19	48
42	49	47-3/4	19	50
44	51	48	19	52
46	53	48-1/4	19	54
48	55	48-1/2	19	56
Extra-long 34	41	49-1/4	20-1/2	42
36	43	49-1/2	20-1/2	44
38	45	49-3/4	20-1/2	46
40	47	50	20-1/2	48
42	49	50-1/4	20-1/2	50
44	51	50-1/2	20-1/2	52
46	53	50-3/4	20-1/2	54
48	55	51	20-1/2	56
Tolerance	(± 3/4)	(± 1/2)	(± 1/2)	(± 3/4)

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- 1 Chest measurement taken with coat buttoned from folded edge in line with pit of armhole and multiplied by two
- 2/ Back length measurement taken along center back seam from lower edge of undercollar to bottom edge of coat
- 3/ Sleeve length measurement taken along forearm seams from pit of armhole to bottom end of sleeve.
- 4/ Belt length measurement shall be taken along the center from end to end.

3.5.1 Liner measurements. The liner shall conform to the following measurements, expressed in inches:

Size	Chest	Back Length	Sleeve Length
<u>EXTRA SHORT</u>			
32	33	33	14
34	35	33-1/4	14
36	37	33-1/2	14
38	39	33-3/4	14
40	41	34	14
42	43	34-1/4	14
<u>SHORT</u>			
30	31	34-3/4	15
32	33	35	15
34	35	35-1/4	15
36	37	35-1/2	15
38	39	35-3/4	15
40	41	36	15
42	43	36-1/4	15
44	45	36-1/2	15
46	47	36-3/4	15
<u>REGULAR</u>			
30	31	36-3/4	16
32	33	37	16
34	35	37-1/4	16
36	37	37-1/2	16
38	39	37-3/4	16
40	41	38	16
42	43	38-1/4	16
44	45	38-1/2	16
46	47	38-3/4	16
48	49	39	16
<u>LONG</u>			
32	33	39-1/2	17
34	35	39-3/4	17
36	37	40	17
38	39	40-1/4	17
40	41	40-1/2	17
42	43	40-3/4	17
44	45	41	17
46	47	41-1/4	17
48	49	41-1/2	17

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Size	Chest	Back length	Sleeve length
<u>EXTRA LONG</u>			
34	35	42-1/4	17-3/4
36	37	42-1/2	17-3/4
38	39	42-3/4	17-3/4
40	41	43	17-3/4
42	43	43-1/4	17-3/4
44	45	43-1/2	17-3/4
46	47	43-3/4	17-3/4
48	49	44	17-3/4
Tolerance \pm	3/4	1/2	1/2

NOTE: The liner shall be placed flat on a table and measured as listed below:

1/ Chest measurement taken with liner folded in half (down center back) and measured from front bound edge to back folded edge in line with pit of armhole and multiplied by two.

2/ Back length taken along the center back neck edge to bottom of liner.

3/ Sleeve length measurement taken along the underarm seams from pit of armhole to the bottom of sleeve.

3.6 Workmanship. The finished coats shall conform to the quality of product established by this document. The occurrence of defects shall not exceed the contractor's own quality assurance standards and the quality assurance standards defined by the technical data in the bid package.

3.7 Patterns. The Government shall furnish a single size pattern. The contractor is responsible for grading patterns for additional sizes. The pattern generally provides for a seam allowance of 1/4 inch for seams at the edge of shoulder strap, collar, sleeve straps, belt, and facing to front, 3/8 inch for safety stitched seams and 1/2 inch seam allowance for double lap, double stitched seams.

4. REGULATORY REQUIREMENTS. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with Public Law 94-580 and paragraph 23.403 of the Federal Acquisition Regulation (FAR).

5. QUALITY ASSURANCE

5.1 Certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this commercial item description, and that the product conforms to the producer's own drawings, specifications, standards and quality assurance practices and is the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance prior to the first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

5.2 Visual examination. Each coat shall be examined for the defects listed in section 5.3 in accordance with ANSI/ASQC Z1.4.

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5.3 Defects Any component part full, tight, omitted, improper, or twisted, any component part not as specified, open or puckered seam, seams not finished as specified, any size hole, cut, tear, smash, or misweave, missing yarn or broken yarn, loose yarn, visible mend; pleat or crease, needle chew, irregular stitching, any component part caught in unrelated stitching; shade bar, dye streak, or area of no dye penetration, shaded parts on the outside; any part noticeably shaded from the other parts or variation in shade within a part; thread color not a good match to basic material, any spot or stain clearly noticeable; five or more thread ends on outside not trimmed to 3/8 inch or less, buckle missing, defective or not as specified; collar or lapel not uniform in size or shape; collar twisted, not smooth and flat, short or tight causing collar or lapel to turn out, front flap not positioned as specified; vent opening reversed, hanger loop insecure, sleeves set improperly, any button misplaced, omitted, broken or defective; any buttonhole with broken stitches, with ragged edges, misplaced, or omitted, button not aligned with corresponding buttonhole causing gap or tightness; pockets out of alignment, pocket welt not uniform in size and shape; pocket opening not smooth and flat; epaulet or sleeve tab not uniform in size or shape or does not lay flat; slide fastener not functioning properly, pull detaches, slide binds or sticks, chain unmeshed; binding omitted, twisted, or not securely caught on fabric, coat or liner twisted or distorted when slide fastener is engaged; any evidence of fusible bleed-through, bubbling, delamination, or color change, fusible exposed, label missing, incorrect, or illegible; wrinkles, creases, or pressing impressions not removed; scorched area, measurement of components not as specified; finished measurements not as specified, fronts uneven in length at top or bottom by more than 1/2 inch; front facing exposed on outside of front; bar code omitted or not readable by scanner, human-readable interpretation (HRI) omitted or illegible; bar code not visible on folded, packaged item; bar code causes damage to the item, any item not packaged in accordance with the contract or purchase order

5.4 Market acceptability The following market acceptability criteria are necessary to document the quality of the product to be provided under this commercial item description.

5.4.1 The company offering the item must have been producing the model being tendered under the contract or purchase order or generically similar models for at least three years.

5.4.2 The item offered must have been sold to the commercial market or to the Government, and the contractor shall certify and provide supporting documentation as to its serviceability and the long-term, five-year availability of all necessary maintenance and logistics support for parts and materials

5.5 Warranty. The item offered shall include the standard warranty given to the commercial market beginning with the date of delivery of the individual item

6. PACKAGING The preservation, packing, and marking shall be as specified in the contract or order

7. NOTES

7.1 Source of Government documents Copies of military and Federal documents are available from:

Standardization Documents Order Desk
Bldg. 4D
700 Robbins Avenue
Philadelphia, PA 19111-5094

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7.2 Source of non-Government documents

ANSI/ASQC Z1.4 - Sampling Procedures and Table for Inspection by Attributes

(Application for copies should be addressed to the American National Standards Institute, 11 42nd Street, New York, NY 10036.)

AATCC Test Method

(Applications for copies should be addressed to American Association of Textile Chemists and Colorists (AATCC), P O Box 12215, Triangle Park, NC 27709-2215.)

ASTM Test Methods

(Applications for copies should be addressed to American Society For Testing and Materials, 1916 Race Street, Philadelphia, PA 19103-1187.)

MILITARY INTERESTS.

CIVIL AGENCY COORDINATING ACTIVITY:

Custodian:

GSA - FSS

Army - GL

Review Activity:

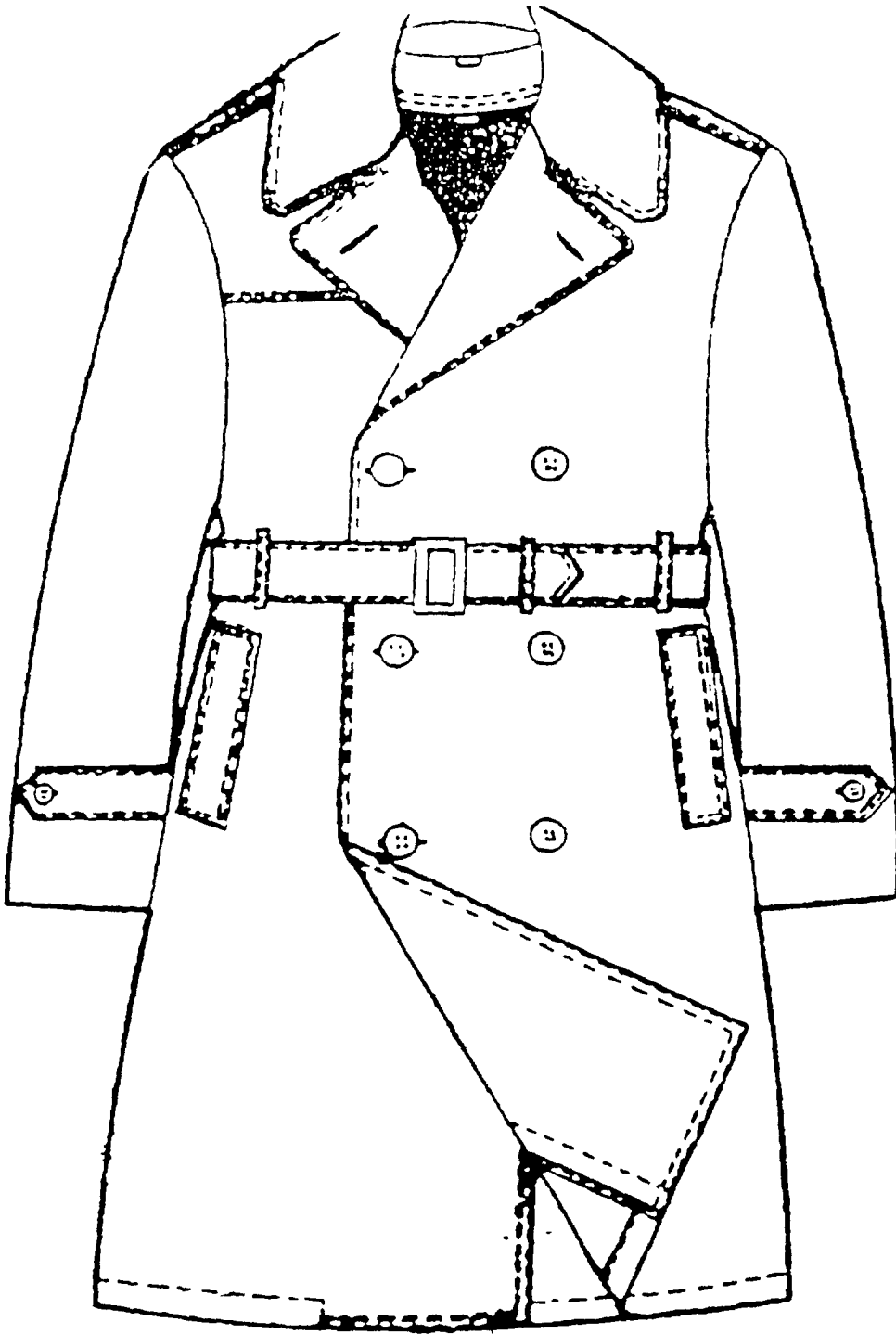
PREPARING ACTIVITY

Navy - MC

DLA - CT

Project No. 8405-0220

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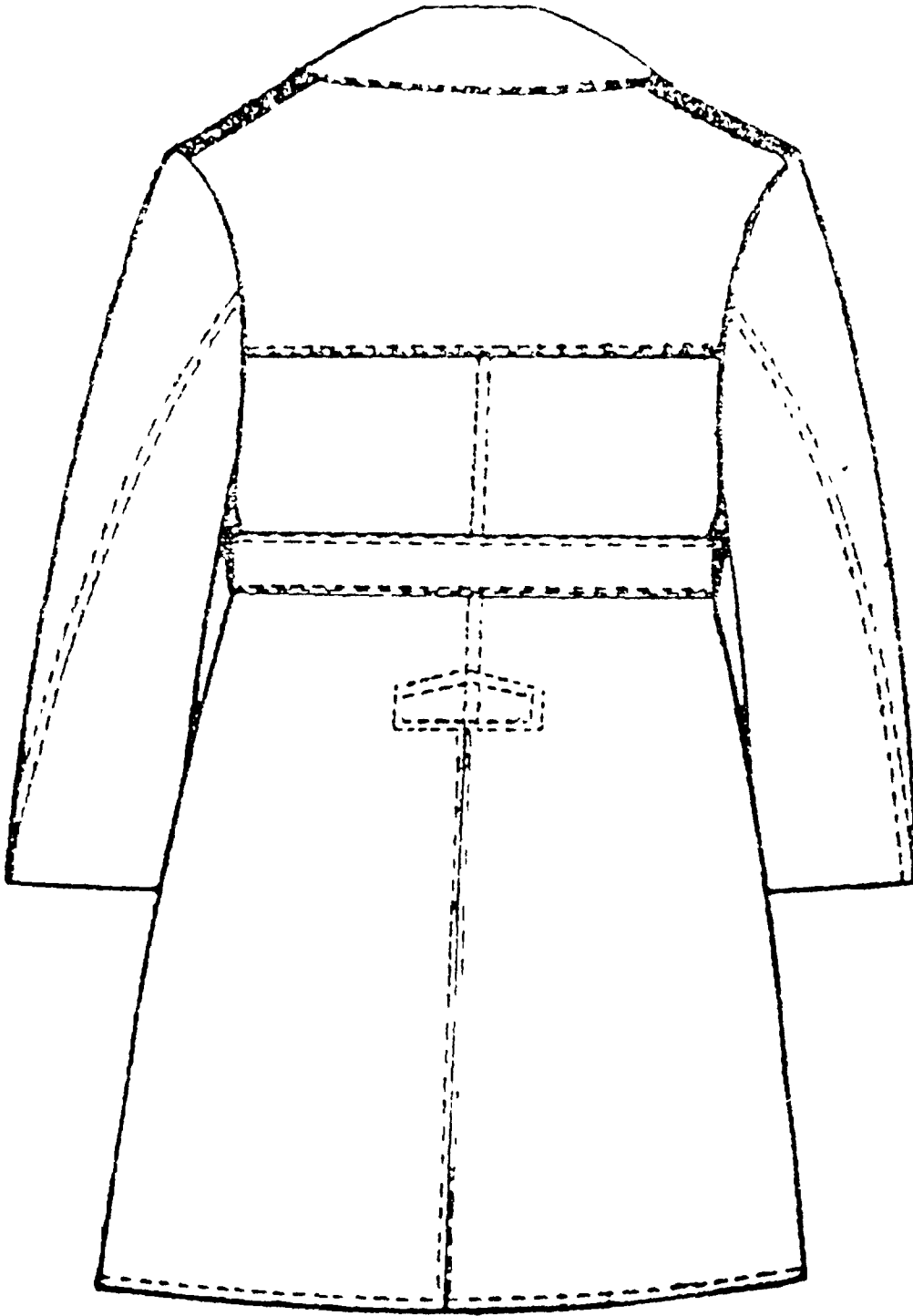


FRONT

Figure 1

Coat, All-Weather, Men's, Class 1

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BACK

Figure 2

Coat, All-Weather, Men's, Classes 1 and 2

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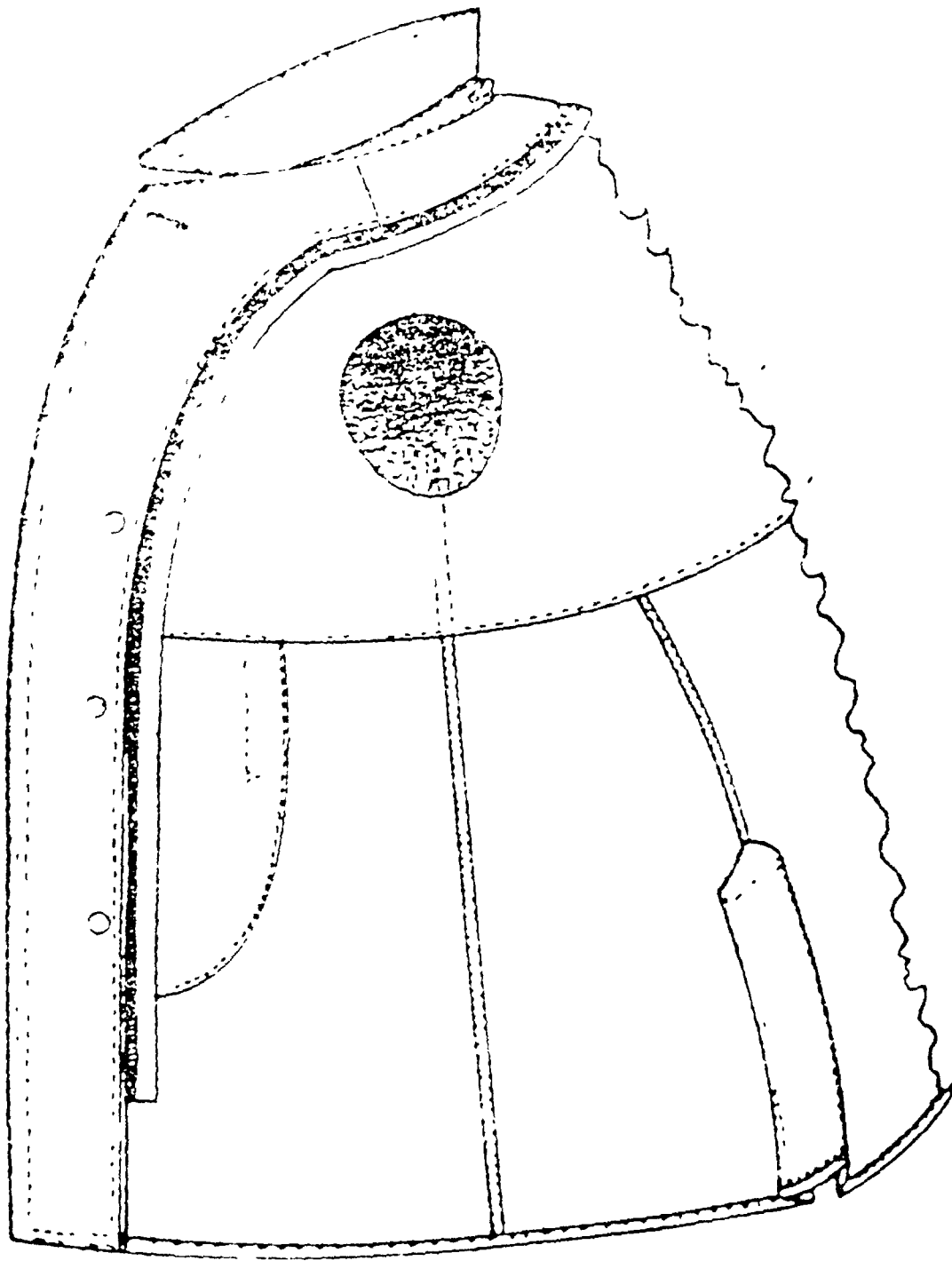
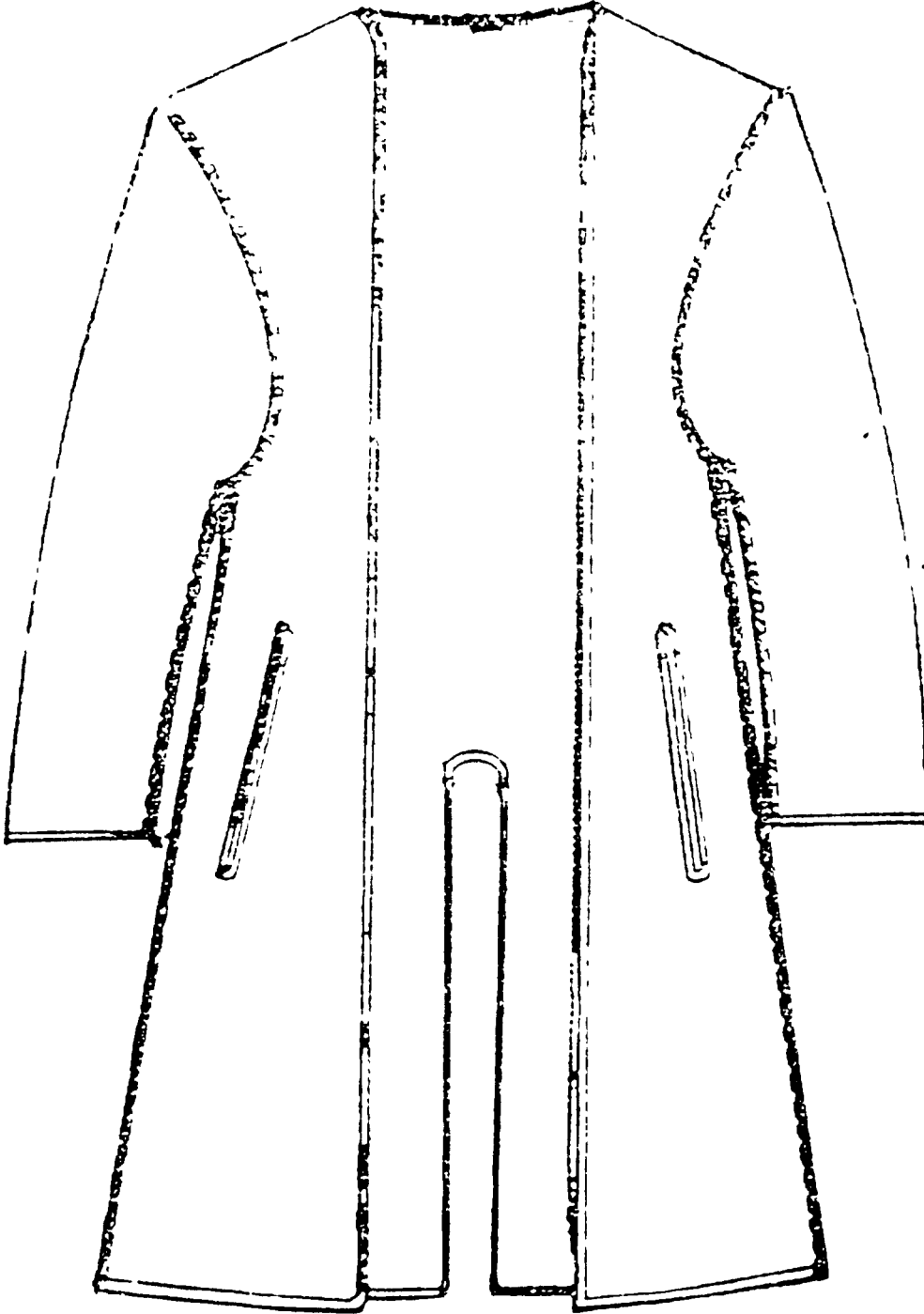


Figure 3
Coat, All-Weather, Men's

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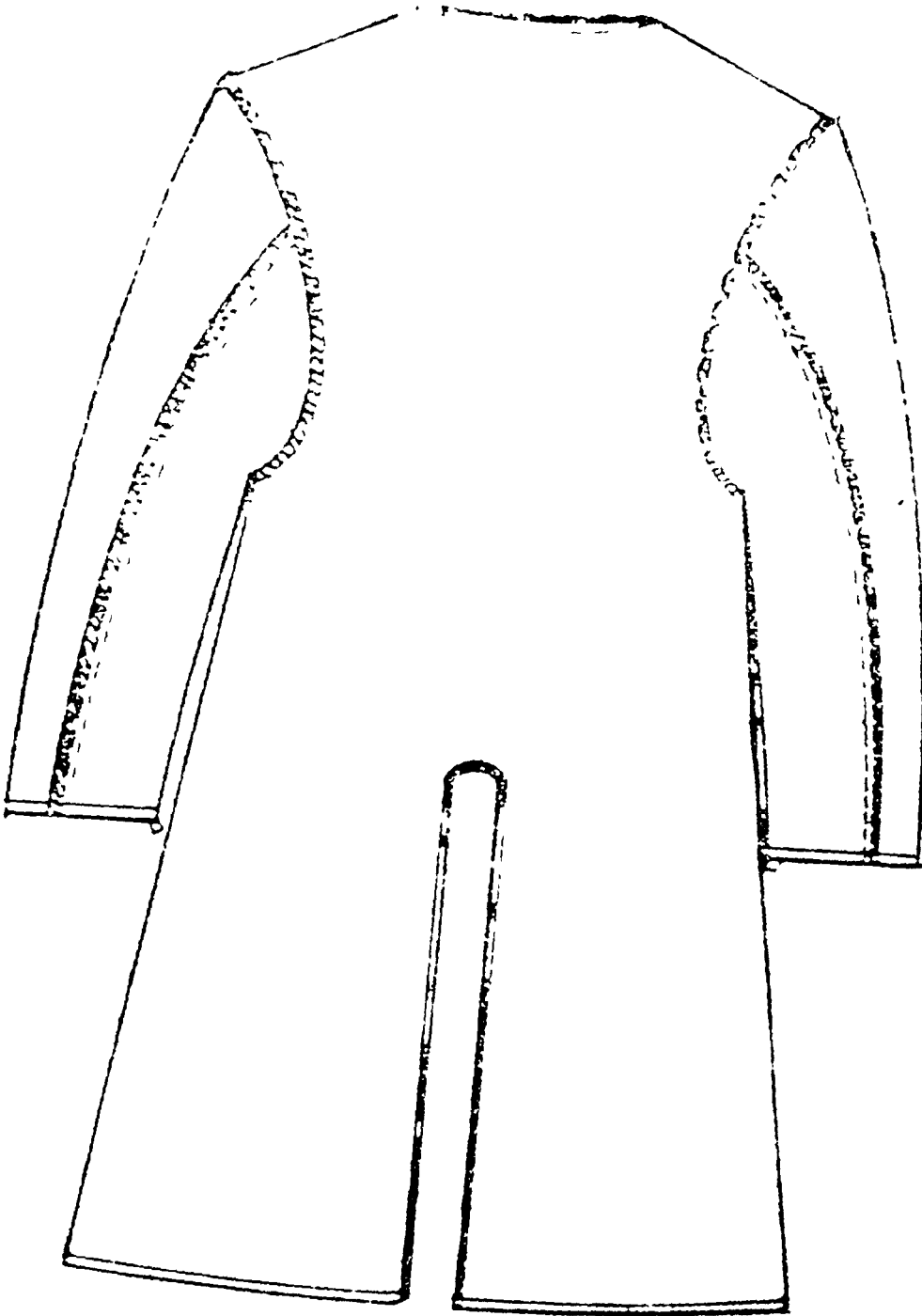


FRONT

Figure 4

Coat, All-Weather, Men's, Liner

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BACK

Figure 5

Coat, All-Weather, Men's, Liner

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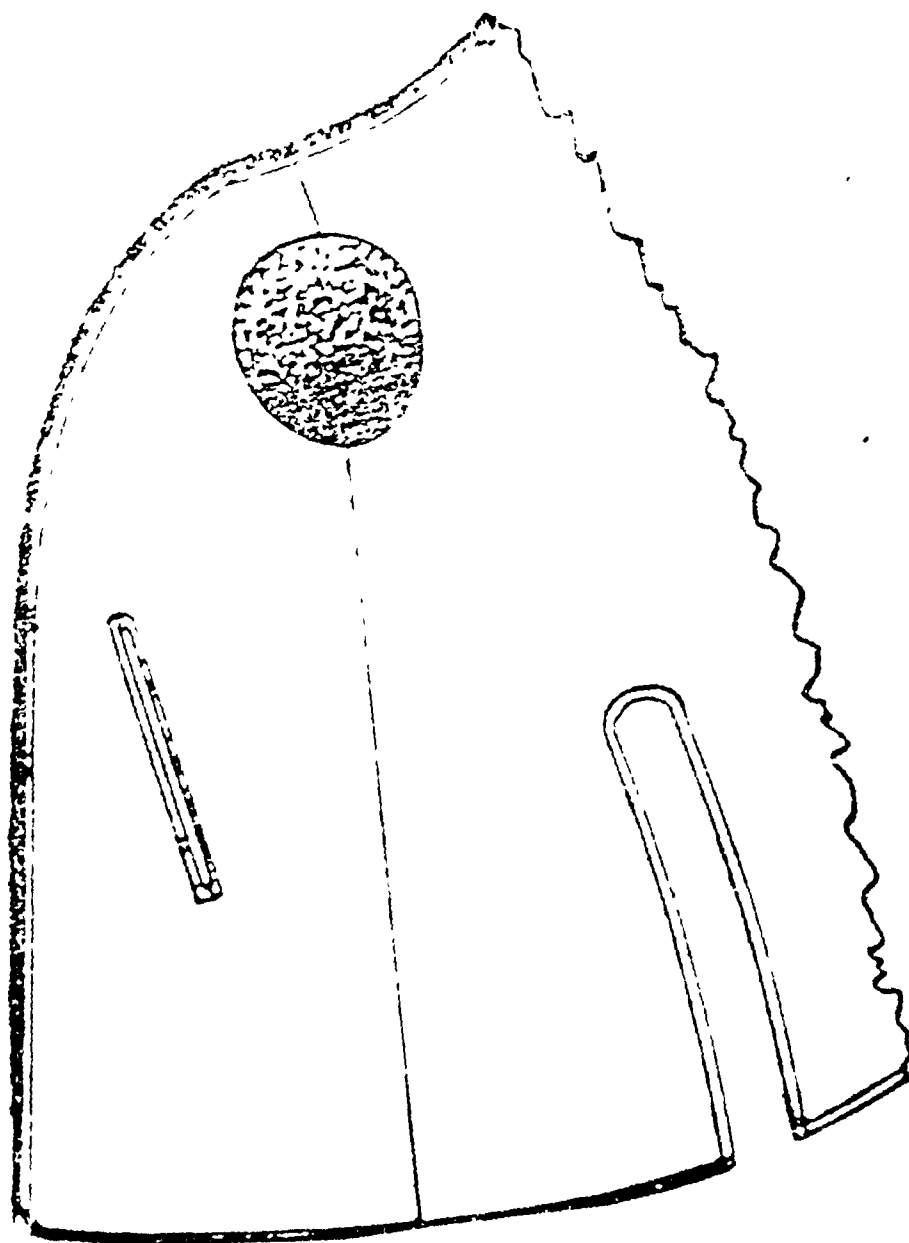


Figure 6
Coat, All-Weather, Men's, Liner