

Texas A&M Corps of Cadets Specifications Shirt, Male, Midnight

Item:	Shirt (male), long sleeves, 55% Dacron polyester, 45% Wool gabardine, Raeford #521-943.
Description:	Shirt(s) to be long sleeved, with two patch type breast pockets with rounded bottoms and scalloped pocket flaps, as shown in illustrations, following. "Cadet" style collar. Top-stitched scalloped yoke at back, with three points and two full-width scallops at center of back and two half-width scallops either side (See illustration). Shirt(s) shall be cut over form-fitting modified government standard patterns, except that half chest measurements for size 15-inch neck shall be 21.5 inches ($\pm 1/4$ in.) and half-chest measurements of other neck sizes shall vary proportionally. Shirt(s) to be made in accordance with specification #MIL-5-4863, as amended and current, except for modifications noted herein. See shirt contour chart for measurements. Form-fitting will involve adjustments of standard sized shirts in body and both sleeves. Purchase order quantities and specified sizes required will be provided on a size chart (including sleeve lengths) which will be supplied with the actual purchase order.
Pocket Detail:	See Illustrations
Epaulets:	See Illustrations
Sleeve Cuffs:	Shirt(s) will have barrel cuffs, with two (2) buttons and one (1) button sleeve facing.
Collar Detail:	Collar will be "Cadet" style, with points 2 5/8 inches to 3 inches and permanent collar stays.
Interlining:	Interlining of collar will be 285 sanforized material; bands; cuffs and top center (inside yoke) from 550 sanforized material.

Yoke Detail

Yoke to be single-piece, scalloped, with lining. Scalloped (three-points), with two full-width scallops at center back and two half-width scallops, either side of center (see illustration, following). Yoke to be interlined with high luster rayon twill satin, color-selected to match Raeford #521-943. Outside yoke to be topstitched. (Double-stitched edge and $1/4$ " from edge)

Epaulets

Epaulets to measure 2 inches at sleeve head, tapered to 1 5/8 inches at ends, which shall be "pointed" to 7/8 inch.

Points of shoulder straps shall lay 1/8 to 1/4 inches from the collar seam on a line approximately perpendicular to the collar seam. Center line of the epaulet shall be centered on the joining seam. Lengths of epaulets shall be graduated in accordance with the size of the shirt and the requirement for the tips to be 1/8 to 1/4 inches from the collar seam upon completion. Buttons attached to yoke shall be 20 ligne melamine in a shade to match Raeford #521-943 and be placed at pointed end (as shown). Epaulets to have 3/16 inch topstitch.

Buttons

20 ligne Potomac melamine in shade to match Raeford #521-943.

Stitching

Sleeving and closing operations to be double needle. All major seams (sleeve set, side seam, sleeves) to be safety stitched.

Size Markings

The following labels are required on all garments:

Manufacturer's I.D.

"Proper Care"

Size – neck and sleeve length

SPECIFICATIONS
Long Sleeve Shirt
55% Dacron Polyester/45% Worsted Wool
Male Style No. 01035

- STYLE:** Form fitting long sleeve shirt, styled with a collar and band, with two patch pockets, scalloped flaps, top stitched scalloped back yoke.
- FABRIC:** Fabric to be 55% Dacron Polyester/45% Worsted Wool, gabardine, Raeford style number 521-943. The fabric shall be kaumographed.
- COLOR:** Midnight
- COLLAR:** The collar shall be a dress style, die cut. The collar shall measure three inches in length with a ¼-inch edge stitch. Collar shall have permanently sewn collar stays, inner lining shall be top fused.
- BAND:** The stand of the collar band shall be die cut measuring 1 ½ inches high. Inside band shall be of high luster, rayon twill satin. The collar band shall close with a button and buttonhole.
- FRONTS:** The fronts shall have seven buttons, 20-ligne with corresponding buttonholes spaced 3 ½ inches apart. There shall be a 1 ½ inch top center placket with pella lining. The Trunk length of the shirt shall be as per the Men's Shirt Contour Chart. (See chart 1, page 27)
- BACKS:** The back shall have a deep scalloped yoke. The scalloped yoke shall have three (3) points and two (2) full-width curved scallops at the center (back) and two (2) half-width scallops either side. The outside yoke shall be double needle topstitched ¼ inch from the edge. The location of the points of the scallops shall be held constant for all sizes. (See page 28 for details.)
- FLAPS:** Top of the flap will be set ½" on top of pockets. There shall be two flaps, die cut and creased to insure uniformity. The flaps for neck sizes 15 and larger shall measure 5 ½ inches wide, 2 ¾ inches at the sides and 2 ¾ inches at the center with deep scallops measuring 2 ¼ inches at the center of the scallop. The pocket flaps shall be double needle topstitched and sewn permanently closed from the top of the flap to the bottom of the flap (both sides). (See page 29)

The flaps for sizes 14½ and smaller shall measure 5 ¼ inches wide, 2 ⅝ inches at the sides and 2 ⅝ inches at the center with deep scallops measuring 2 ⅛ inches at the center of the scallop. The pocket flaps shall be double needle topstitched and sewn permanently closed from the top of the flap to the bottom of the flap (both sides). The buttons shall be 20-ligne melamine in a shade to match the color of the shirt. Shall use Crease-N-Tack lining.

POCKETS:

The pockets for sizes 15 and larger shall be die cut and creased to insure uniformity. Pockets shall measure 6 inches deep and be 5-3/8 inches wide with rounded bottoms. The pockets for sizes 14½ and smaller shall be die cut and creased to insure uniformity. Pockets shall measure 5 inches deep and be 5 inches wide with rounded bottoms. The pockets shall be set 1 ¾ inches from the center of the placket. All pockets shall be double needle topstitched with a ½ inch top hem.

SLEEVES:

Sleeve shall be one piece with top placket 1 inch wide and bottom placket ½ inch wide. Plackets shall measure 6 ½ inches from top of cuff with a 5 inch opening. There shall be a button and buttonhole on the sleeve facing.

CUFFS:

The cuffs shall be barrel cuffs finished three inches wide with ½ inch hem and 3/16 inch top stitching. There shall be two vertical buttons with corresponding buttonholes on each cuff, permanent press interlinings.

EPAULETS:

Epaulets shall measure two inches at sleeve seam, tapering to the ends according to chart 2 (page 30). Points of the epaulets shall touch the collar seam with no more than 1/8 in. separation. The length of the epaulets shall be graduated in accordance with the size of the shirt. The buttons shall be 20-ligne melamine. Straps shall be stitched to the shoulder using a single needle machine, forming an "X". See chart 2 on page 30.

BUTTONS:

Buttons shall be 20-ligne matching melamine buttons.

PATCHES:

A "TAMU" shoulder patch to be supplied by TEXAS A&M shall be sewn on the right sleeve ⅝ inches from the shoulder seam.

LININGS:

Collar linings shall be fusible. Crease-N-Tack linings shall be used for flaps; Pellon for top center placket.

- THREAD:** Thread shall be spun polyester and shall be identical match to fabric.
- LABELS:** The shirts shall have a size label sewn in to the collar, a care label with proper care instructions and RN number, and a manufacturer's label sewn on to the yoke. In addition a label shall be sewn on the tail of the shirt that includes the year of manufacturing, care instructions, and size.
- STITCHING:** All major seams including sleeving and closing operations shall be double needle felled seams.
- PACKAGING:** The shirts shall be soft folded in individual poly bags packed 12 shirts per box. Shirts shall be shipped separate from balance of order to accommodate for warehouse space and inspection process.

NOTE:
PHOTOS ARE MADE WITH A TAN SHIRT. CONSTRUCTION IS
IDENTICAL BUT THE INCORRECT COLOR WAS CHOSEN TO
IDENTIFY CONSTRUCTION FEATURES

Chart 1

Men's Shirt Contour Chart

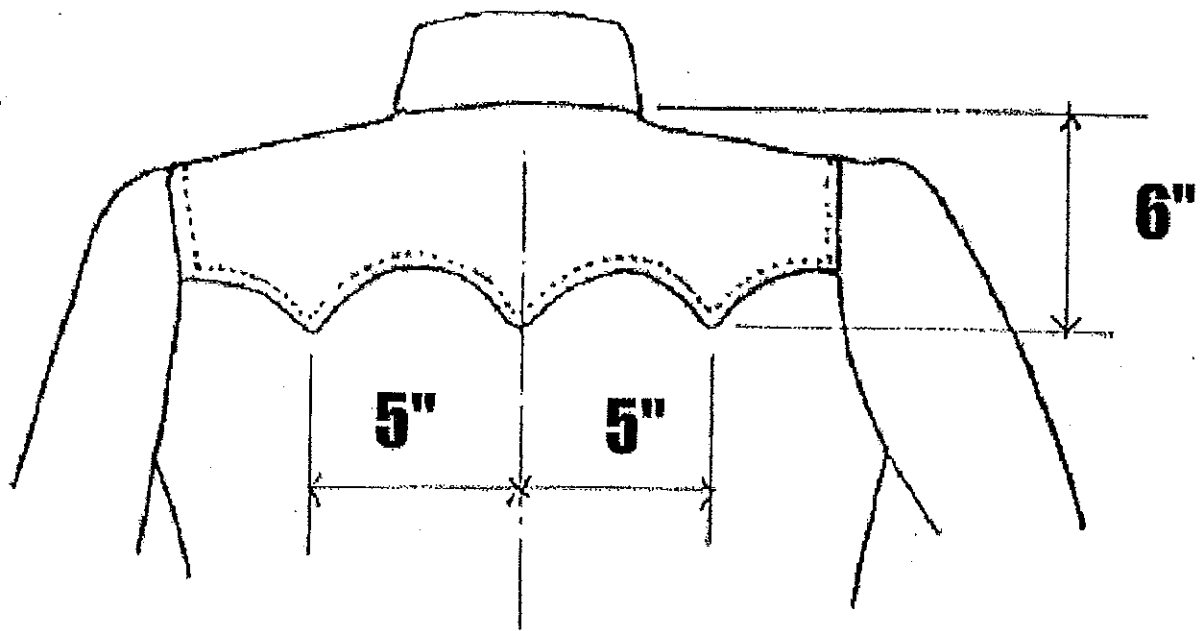
Chest: the circumference in inches of a flat garment measured at the base of the armhole.

Tapered Waist: The circumference in inches of a flat garment measured at the position corresponding to the waist.

Trunk Inseam: the number of linear inches along the inseam from the armhole to the bottom corner of the shirt.

<u>Neck Size</u>	<u>Chest</u>	<u>Tapered Waist</u>	<u>Trunk Inseam</u>
13.5	36	30	18
14	38	33	18
14.5	40	33	18
15	43	36	20
15.5	44	38	20
16	45	40	20
16.5	47	42	20
17	48	42	20
17.5	51	47	20
18	54	49	20
18.5	56	51	20

Note: These measurements are approximate. The only significant difference between this chart and any other used for this item in the past, is the length of the trunk inseam.



Pocket Details



****Pocket Detail is for a size 15 shirt.**

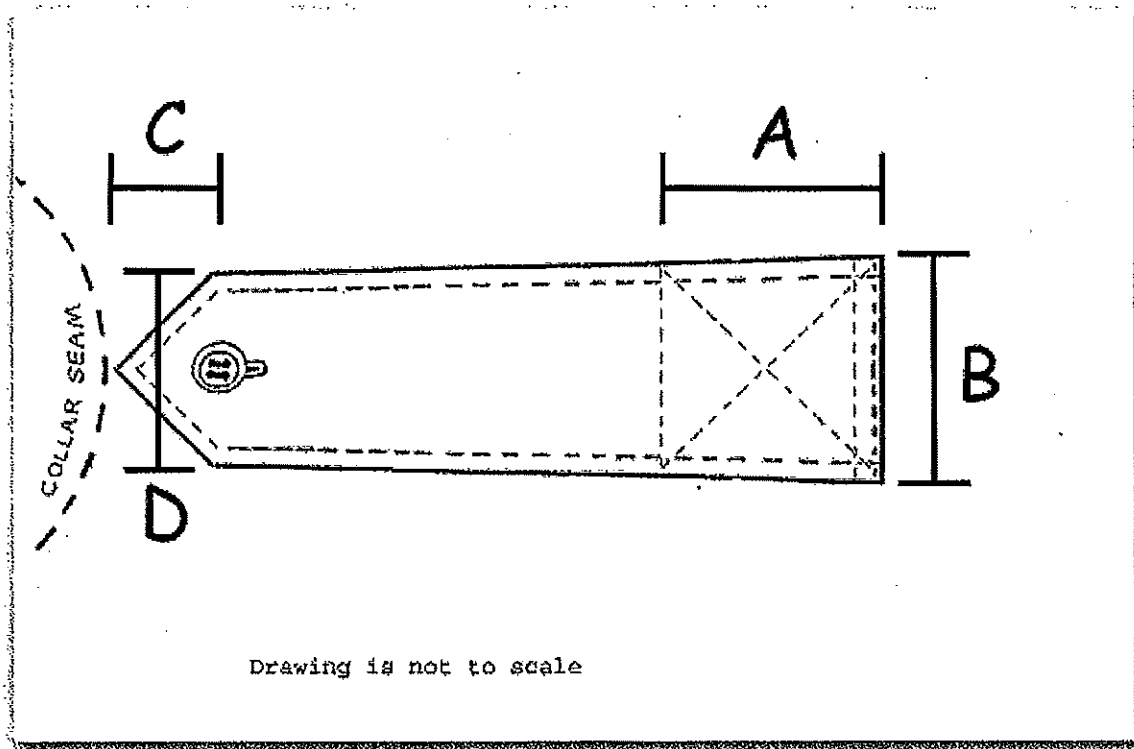


Chart 2

Shirt Sizes	A	B	C	D	Button Center
13-14 ½	1 ½ "	2 "	¾ "	1 ½ "	1 ¼ "
15-17 ½	1 ½ "	2 "	¾ "	1 ⅝ "	1 ½ "
18 & Up	2 "	2 "	¾ "	1 ⅝ "	1 ½ "

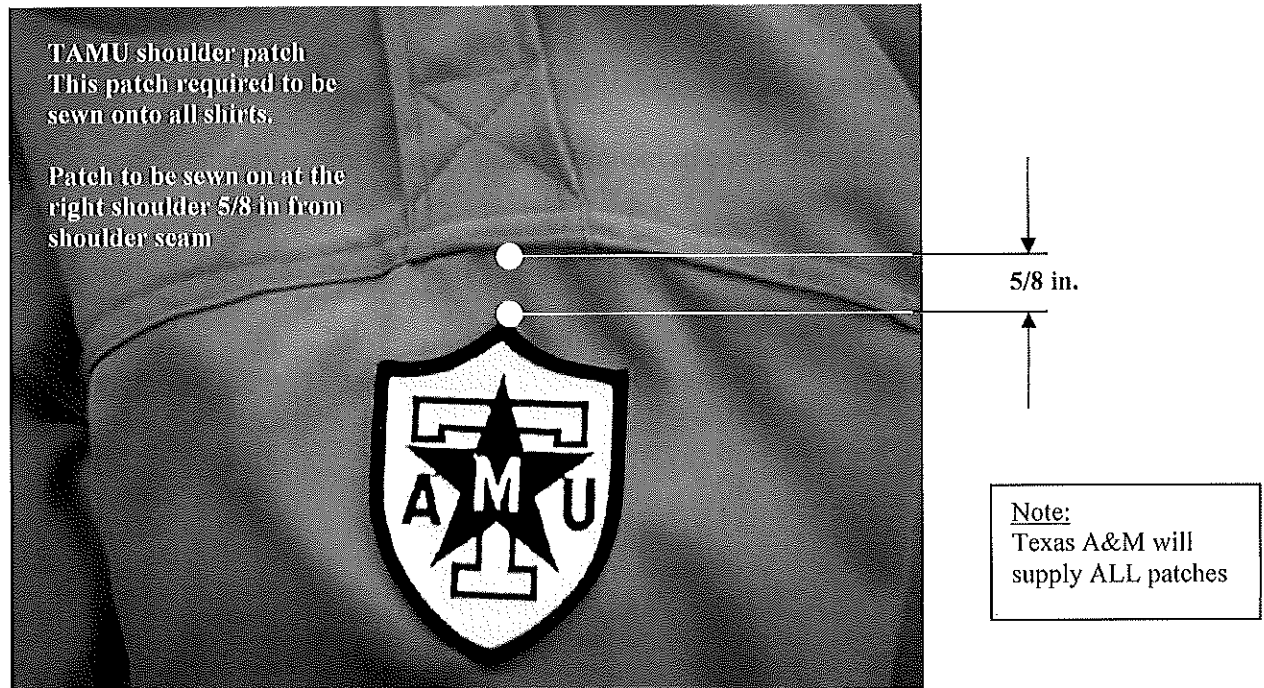


Photo 4

Potomac melamine in a shade to match Raeford #521-943. Pocket placement graduated according to size.

Uniform Item Specification – Military Property Warehouse

Men's Shirt Contour Chart

Chest: the circumference in inches of a flat garment measured at the base of the armhole.

Tapered Waist: The circumference in inches of a flat garment measured at the position corresponding to the waist.

Trunk Inseam: the number of linear inches along the inseam from the armhole to the bottom corner of the shirt.

<u>Neck Size</u>	<u>Chest</u>	<u>Tapered Waist</u>	<u>Trunk Inseam</u>
13.5	36	30	20
14	38	33	20
14.5	40	33	20
15	43	36	20
15.5	44	38	20
16	45	40	20
16.5	47	42	20
17	48	42	20
17.5	51	47	20
18	54	49	20
18.5	56	51	20

Note: These measurements are approximate. The only significant difference between this chart and any other used for this item in the past, is the length of the trunk inseam. This changed on all shirts since the last time ordered.



Breast Pockets (Two Required)

Two patch type breast pockets with rounded bottoms and scalloped flaps, as shown, above. Pocket size: $5 \frac{3}{8} \pm \frac{1}{8}$ inches X $6 \frac{3}{4}$ (no tolerance for more than $6 \frac{3}{4}$ inches, however, up to $\frac{1}{8}$ inches under is acceptable). Scalloped flap to have three points and two curves (as shown), with double top-stitching as shown and with pockets “stitched closed” from top of flap to bottom point of flap (both sides). Buttons to be 20 ligne



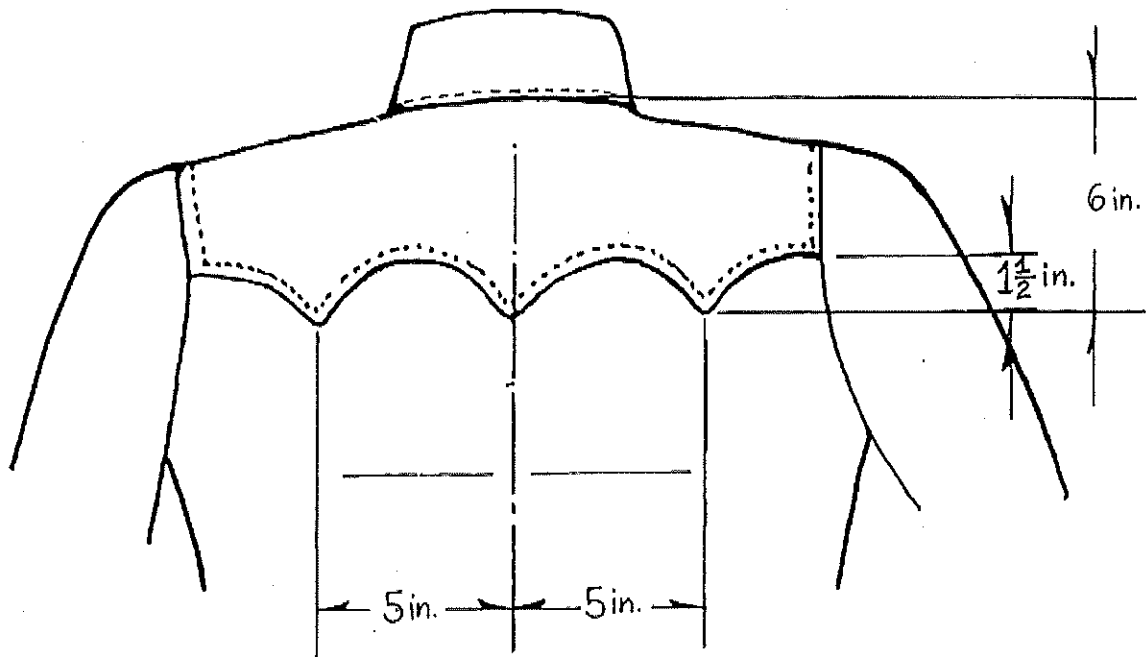
Photo 1



Photo 2

Outside Yoke Back

Scalloped yoke with three (3) points and two (2) full-width curved scallops at the center (back) and two (2) half-width scallops either side (as shown, below). Outside yoke to be topstitched.



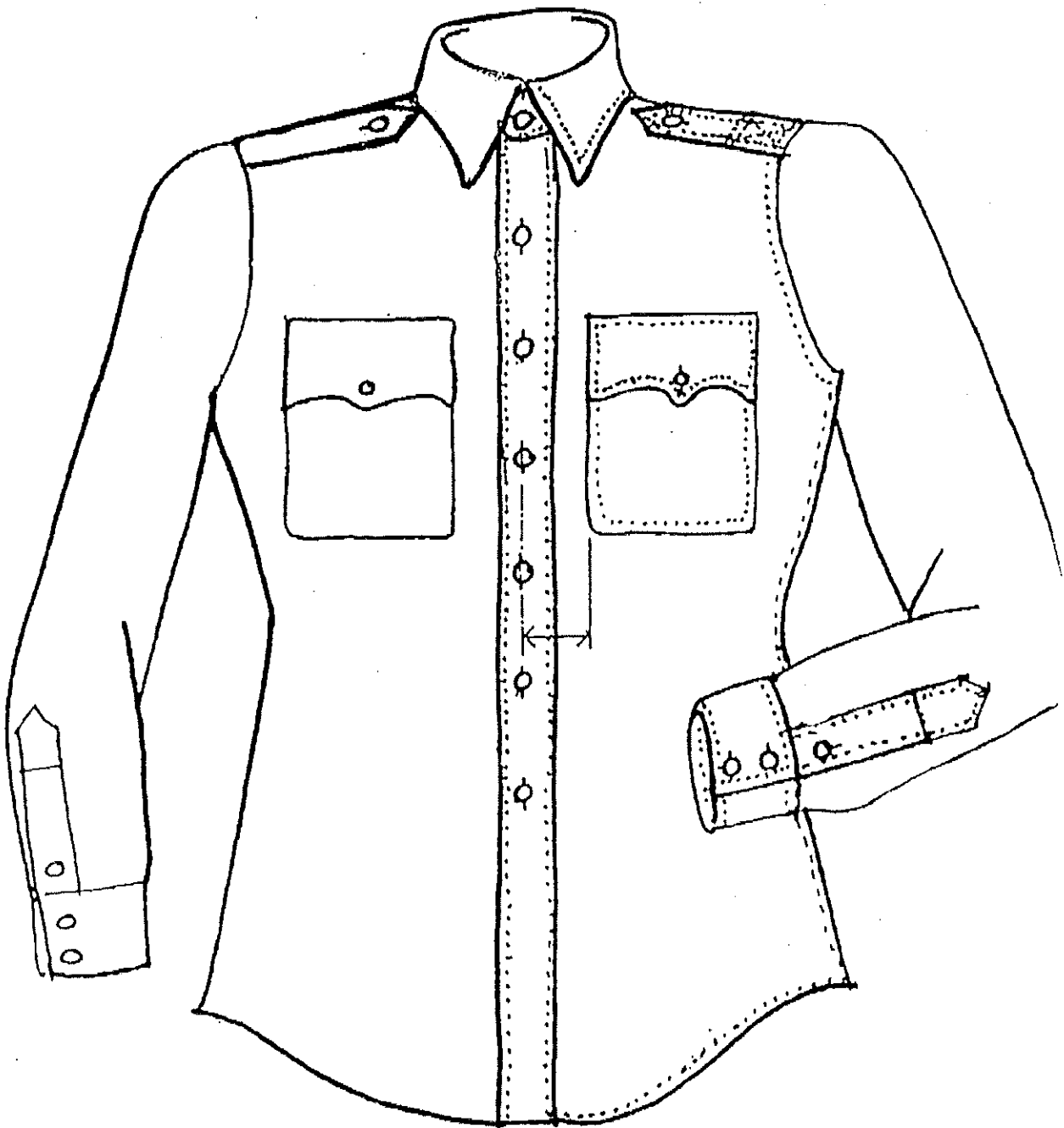
Supplemental Drawing B

Inside Yoke (Lining)

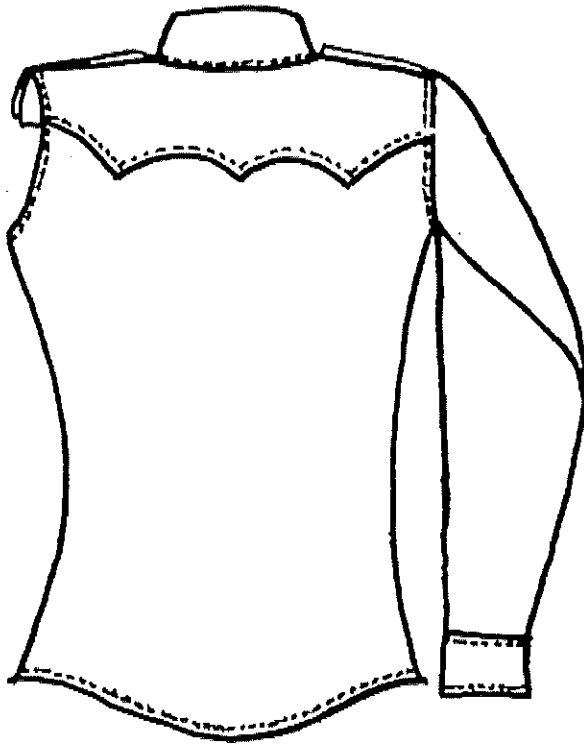
Inside Yoke to be lined with high luster rayon twill satin in color to match Raeford #521-943.

Inside Collar (Lining)

Inside collar to be lined and quilted (per sample supplied) from high luster rayon twill satin, in color to match Raeford #521-943.



Supplemental Drawing A



Fabrication Details

Collar
Back
Sleeves
Shoulders
Shoulder Loops (Epaulets)
Yoke
Cuffs
Stitching

**The Following Labels Are Required
On All Garments:**

MANUFACTURER'S I.D. LABEL

"PROPER CARE" LABEL

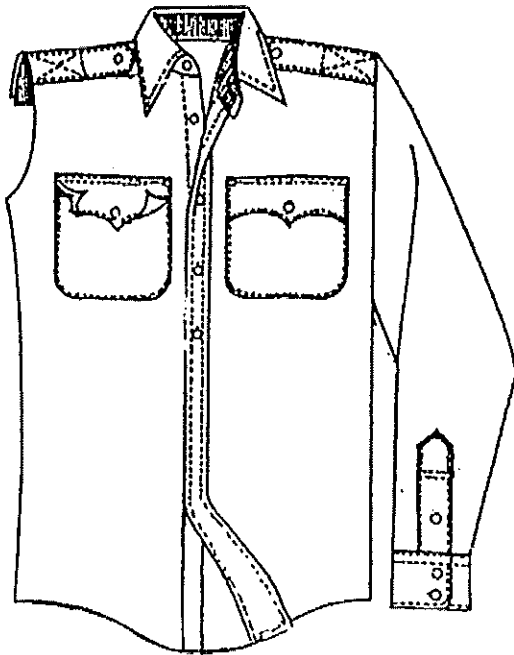
SIZE LABEL

Neck and sleeve length

The specifications for both the tan (stock #01032) and 'midnight' (stock #01035) male shirts are identical in construction. The difference is the tan shirt (#01032) is Raeford #521-193 with buttons to match and the 'midnight' shirt (#01035) is Raeford #521-943 with buttons to match.

Note: All fabric materials supplied against this Purchase Order must be first quality "Kaumographed" fabric and bear the "Kaumograph" stamp ("Raeford Quality").

CAUTION: The "Kaumograph" stamp shall not be required where the color and gauge of the fabric would allow the stamp to "bleed" or show through the fabric.



Fabrication Details

Collar
Shoulders
Shoulder Loops (Epaulets)
Pocket/Pocket Flaps
Sleeves
Cuffs
Front Placket
Buttons
Taper
Stitching

Basic Fabric:

Raeford #521-943 (Midnight)
55% Dacron Polyester, 45% Wool
Gabardine Weave
11.5-12 ounces (60 in.)
2 Ply warp and Filling

Breaking Strength:

150 lb. in the warp
80 lb. in the filling

Construction:

112 ends in the warp
55 picks in the filling