

SPECIFICATIONS
Long Sleeve Shirt
55% Dacron Polyester/45% Worsted Wool
Female Style No. 02005

- STYLE:** Form fitting long sleeve shirt, cut on a female pattern, 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 1-1/4 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 1-1/2 inch front top center placket with pella lining. The Trunk length of the shirt shall be as per the Women's Shirt Contour Chart. (See chart 1, page 71)
- BACKS:** The back shall have a 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 72 for details.)
- FLAPS:** There shall be two flaps, die cut and creased to insure uniformity. The flaps shall measure 5-1/4 inches wide, 2-5/8 inches at the sides and 2-5/8 inches at the center with deep scallops. 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. (See page 73)

- POCKETS:** The pockets 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 $\frac{3}{4}$ -inches from the center of the placket. All pockets shall be double needle topstitched with a $\frac{1}{2}$ -inch top hem.
- SLEEVES:** Sleeve shall be one piece with top placket 1 inch wide and bottom placket $\frac{1}{2}$ inch wide. Plackets shall measure 6- $\frac{1}{2}$ inches from top of cuff with a 5-inch opening. There shall be a button and buttonhole on the sleeve facing. (See Size Chart 1, page 71)
- CUFFS:** The cuffs shall be barrel cuffs finished three inches wide with $\frac{1}{2}$ -inch hem and $\frac{3}{16}$ inch topstitching. 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 1- $\frac{5}{8}$ inches at the ends, which shall be pointed $\frac{7}{8}$ inches. Points of the epaulets shall touch the collar. The length of the epaulets shall be graduated in accordance with the size of the shirt. The button shall be set 1-inch from the collar seam. The buttons shall be 20-ligne melamine. Epaulets shall be stitched to the shoulder using a single needle machine, forming an "X". The length of the "X" stitch shall be 1-inch. (page 74)
- BUTTONS:** Buttons shall be 20-ligne matching melamine buttons.
- PATCHES:** A "TAMU" shoulder patch to be supplied by the school. The patch shall be sewn on the right sleeve $\frac{5}{8}$ -inches from the shoulder seam.
- LININGS:** Collar linings shall be fusible. Crease-N-Tack linings shall be used for flaps; Pellon for front 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 are 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

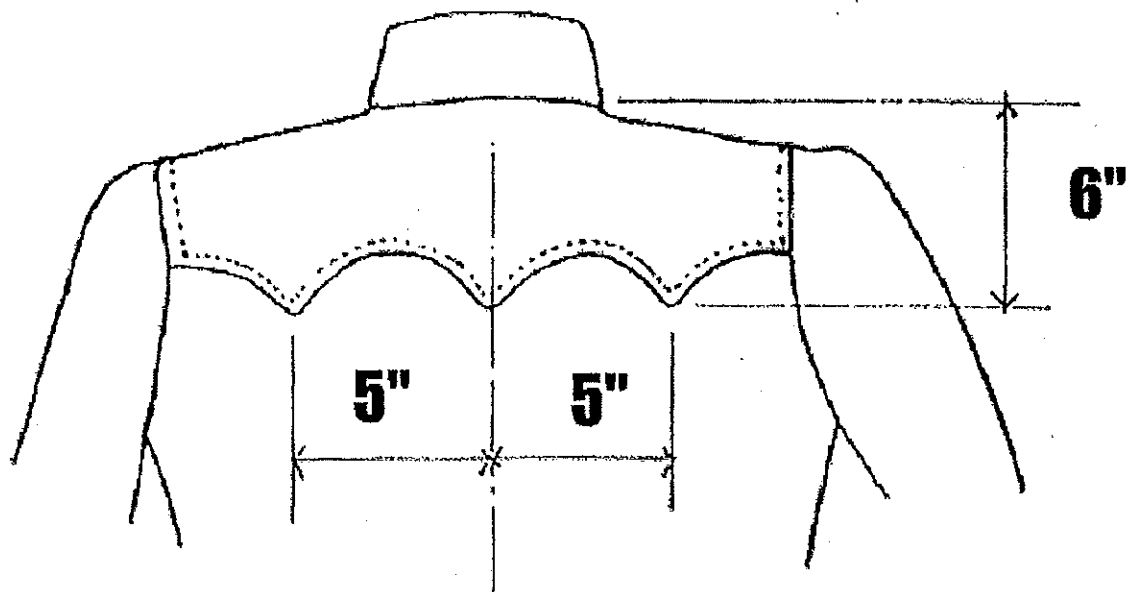
CHART 1
(FEMALE) SHIRT CONTOUR CHART

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

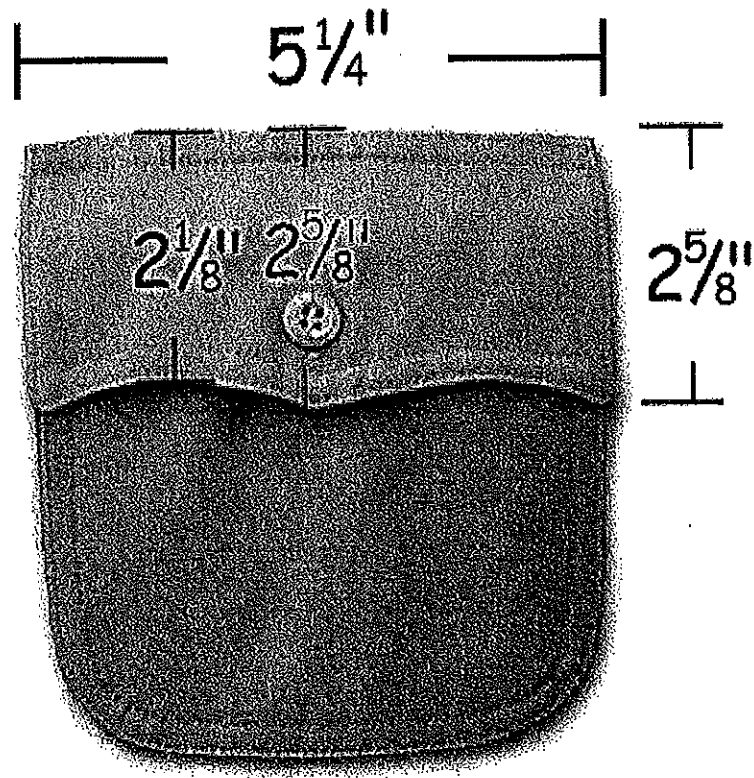
Tapered Waist: the circumference in inches of a flat garment measured at the position corresponding to the waist.

Trunk Side Seam: the length in inches along the side seam from the base of the armhole to the bottom of the shirt.

<u>Shirt Size</u>	<u>Neck Size</u>	<u>Chest Size*</u>	<u>Waist Size*</u>	<u>Trunk (side seam)*</u>
6	13	33	29	17
8	13	34	30	17
10	13.5	36	32	17
12	14	38	34	17
14	14.5	40	36	18
16	15	42	38	18
18	15.5	44	40	18
20	16	46	42	18
22	16.5	48	44	18



Pocket Details



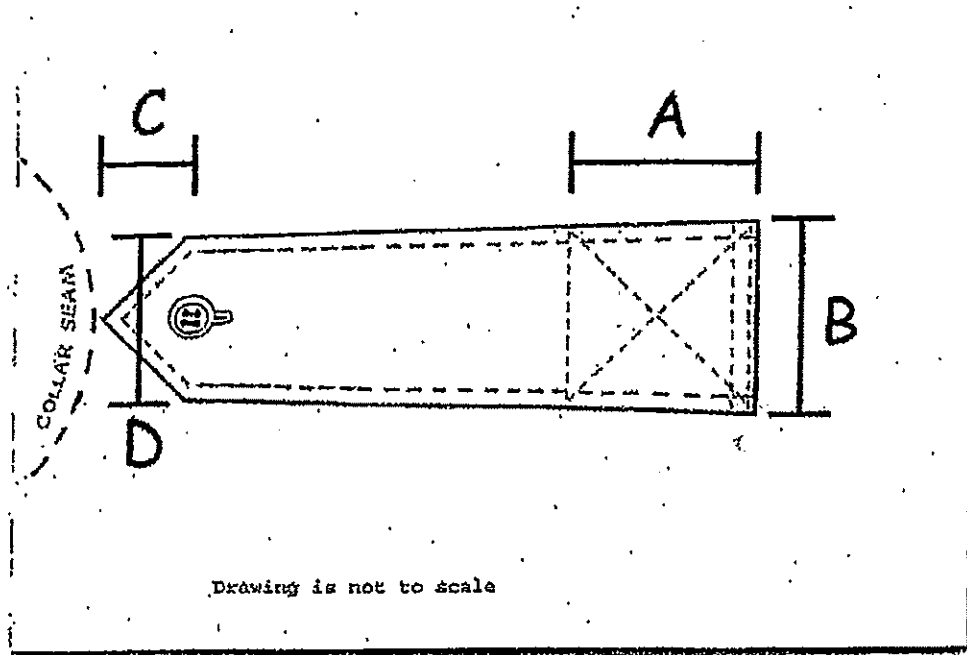


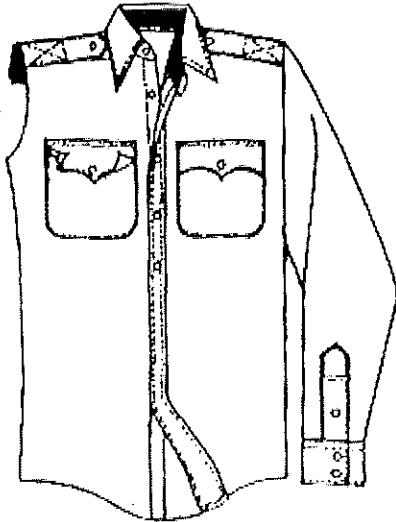
Illustration 6: Epaulet Drawing

Female Epaulet Measurements

Female Epaulet Length	Shirt Sizes	A	B	C	D	Button Center
5	8-12	1 in.	2	$\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{1}{4}$
$5\frac{1}{2}$	14-16	$1\frac{1}{2}$	2	$\frac{3}{4}$	$1\frac{5}{8}$	$1\frac{1}{4}$
$5\frac{1}{2}$	18-24	$1\frac{1}{2}$	2	$\frac{3}{4}$	$1\frac{5}{8}$	$1\frac{1}{2}$

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



FABRICATION DETAILS

COLLAR
SHOULDERS
SHOULDER LOOPS
POCKET/POCKET FLAPS
SLEEVES
CUFFS
FRONT PLACKET
BUTTONS
TAPER
STITCHING

BASIC FABRIC

RAEFORD # 521-943
55% DACRON POLYESTER 45%
WOOL
GABARDINE WEAVE
11 ½ TO 12 OUNCES (60 in)
2 PLY WARP AND FILLING

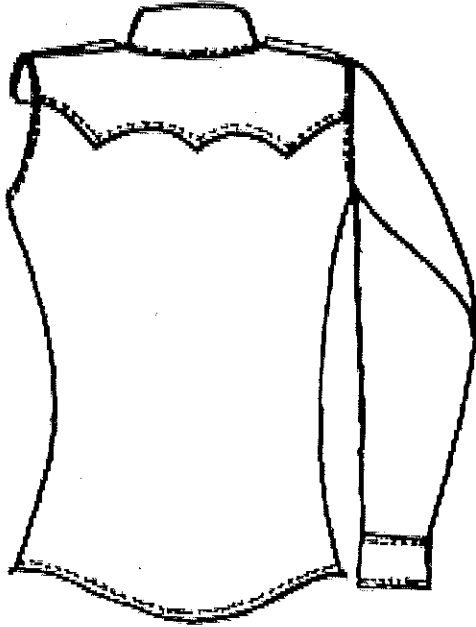
BREAKING STRENGTH:

150 LBS. IN ONE WARP
80 LBS. IN THE FILLING

CONSTRUCTION:

112 ENDS IN THE WARP
55 PICKS IN THE FILLING

SHIRT (FEMALE) LONG SLEEVE, GABARDINE (MIDNIGHT), RAEFORD #521-943



FABRICATION DETAILS

COLLAR
BACK
SLEEVES
SHOULDERS
SHOULDER LOOPS
YOKE
CUFFS
STITCHING

Shirt to be long sleeve with two pockets, pocket width to be 5-5 ½ +/- 1/8", two curbed three corner flaps to be stitched down from top to outside corner. Pocket-placement graduated according to size.

Shoulder straps to measure approximately 4 ¾" +/- 1/8", distance of point to collar seam to be 7/8" +/- 1/8". There is to be cross- stitching in base of strap. Strap is to be centered on top of shoulder as shirt is worn.

Shirt will have barrel cuffs with two buttons and one button sleeve facing. Collar will be "Cadet" style, with point 2 5/8" to 3", and permanent collar stays. Back yoke to be curbed, three corner (Western Style). Double stitched to match safety stitching on major seams.

All major seams (sleeve set, side seam, sleeve) to be safety stitched.

Shirts will be cut over form-fitting modified government standard patterns except that half size chest measurement for size 15" neck shall be 22 1/8" +/- ¼" and half size chest measurement of other neck sizes shall vary proportionately. Shirt to be made according to Specification #MIL-S-4863, and Amendments except for modifications noted herein.

All Garments to carry permanent size markings.

Material to be Raeford #521-943, 55% Dacron Polyester, 45% Wool, two ply warp and two ply filling, weight 11-11 ½ oz.

Buttons will be Potomac Melamine, shade to match material.

Interlining of collar will be of 285 Sanforized quality material. Interlineing for bands, cuffs, and top center (inside yoke) from 550 Sanforized quality material.

Shirts must be form fit to measurements indicated on the attached (FEMALE) shirt contour chart. Form fitting will involve adjustments of standard size shirts in body and both sleeves. Shirts must be form fit to measurements to be furnished by Texas A&M University. See contour chart and sample drawings included.

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.

SHOULDER STRAP (EPAULETTES)

Shoulder straps to measure 2" at sleeve head, tapered to 1 5/8" at ends, which shall be "pointed" to 7/8" (length from 1 5/8" dimension to point).

Points of shoulder straps (as worn) shall lay 1/8 to 1/4 inch from the bottom of the collar (as worn), on a line approximately perpendicular to the collar seam. Front edge of the shoulder strap shall be set in-line with the shoulder seam. Lengths of the straps shall be graduated in accordance with the size of the shirt and with the further requirement for the tips to be 1/8 in. to 1/4 in. from the collar seam (as worn). Buttons attached to yoke shall be 20 Ligne Melamine Buttons, in a shade to match shoulder strap fabric and be placed at pointed end (as shown). Straps to have 3/16in. Topstitch.

BUTTONS

20 Ligne Potomac Melamine in shade to match Raeford #521-943 Gabardine fabric.

THREAD

Matching thread for all sewing operations.

STITCHING

Sleeving and closing operations to be double needle.

CUTTING

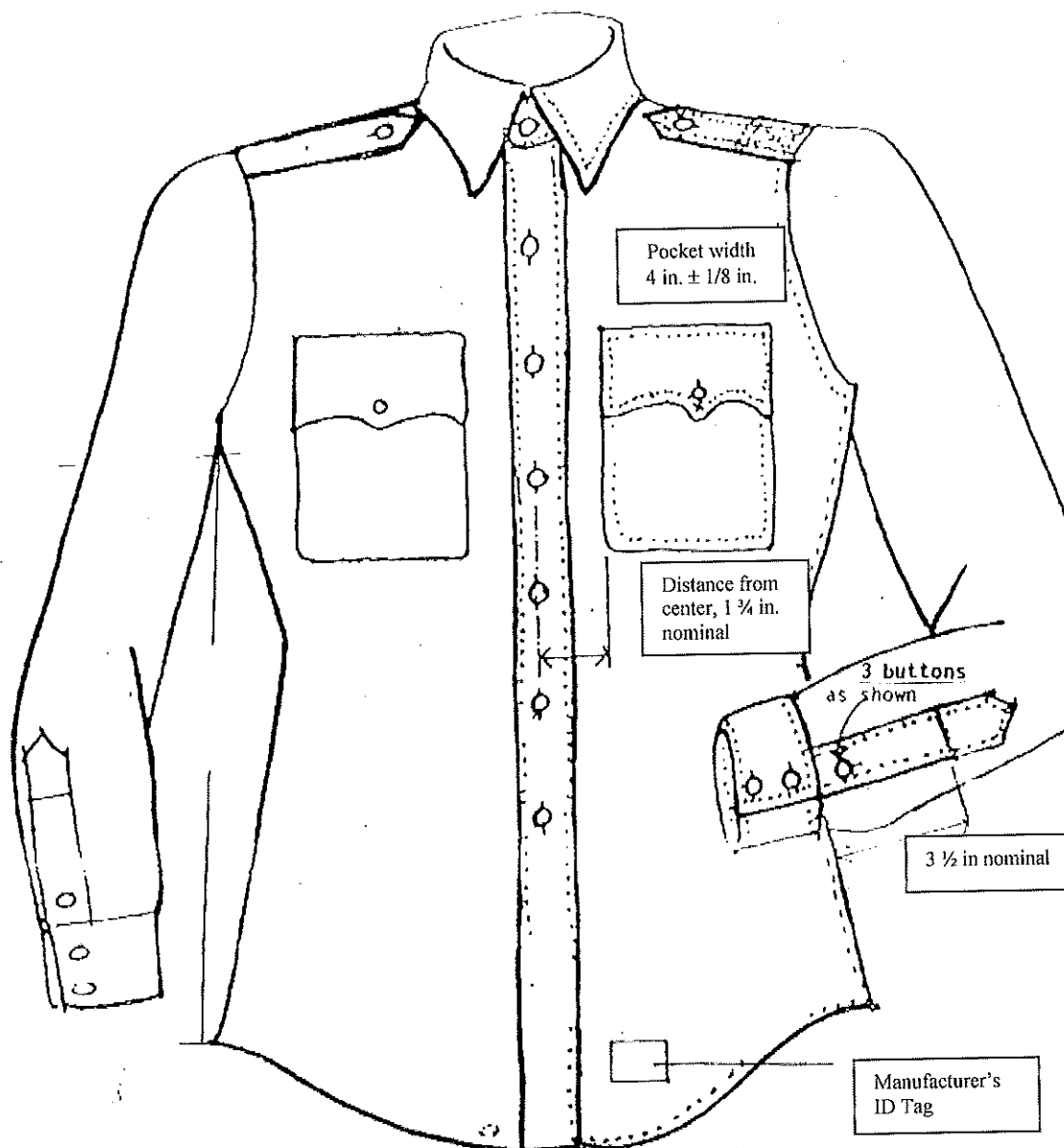
Collars, pockets, shoulder straps and flaps to be die cut to insure uniformity.

SIZE MARKINGS

Permanent size markings on all garments.

SHIRT (FEMALE) LONG SLEEVE, GABARDINE (MIDNIGHT), #521-943

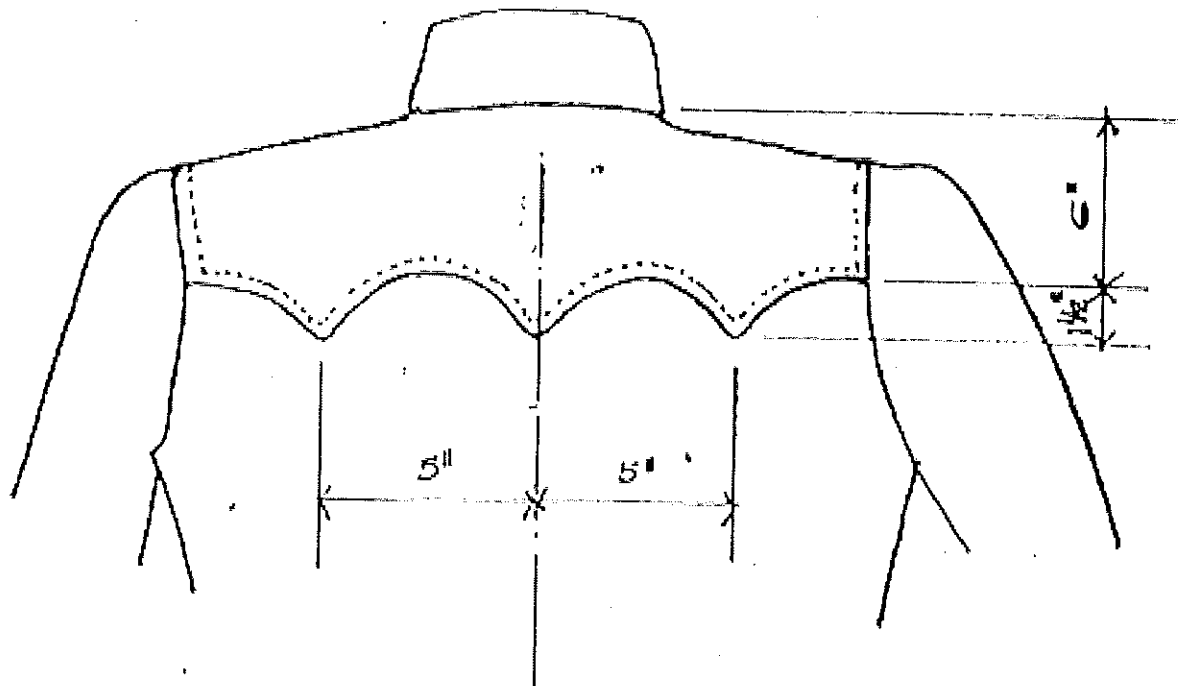
Note:
Shoulder strap length to vary as necessary to
facilitate laying 1/8 to 1/4 in. from bottom of collar
(as worn).



Supplemental Drawing A

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 Raeferd #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 Raeferd #521-943.

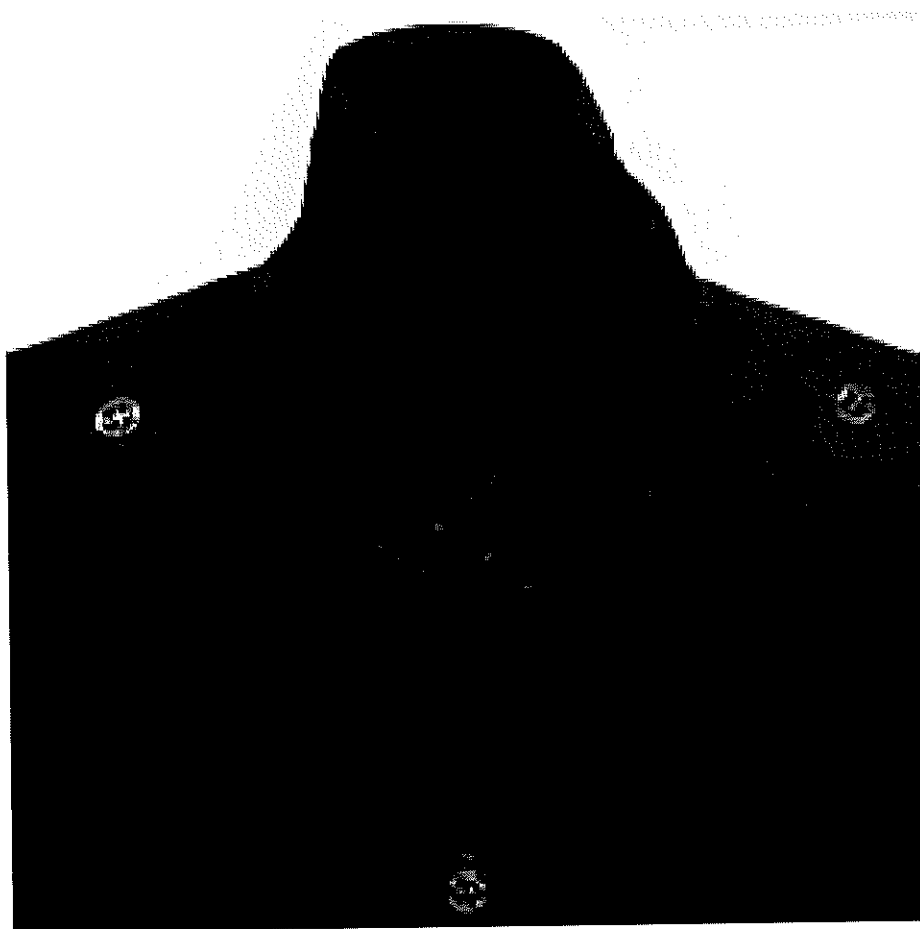


PHOTO 1: Collar Detail

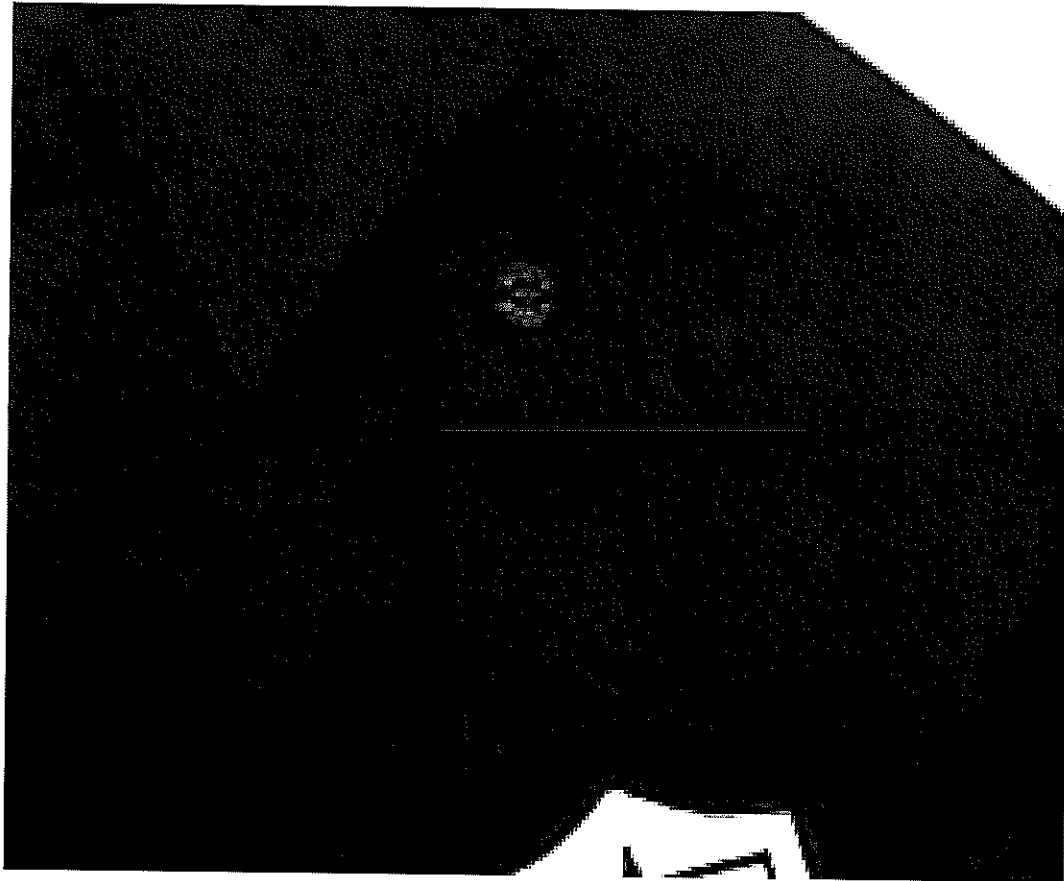


PHOTO 2: Shoulder Loop Detail

Shoulder loops to measure 2 inches at sleeve head, tapered to 1 5/8 inches at tip end, which shall be "pointed" to 7/8 inch. Finished points, as worn, shall lay 1/8 to 1/4 inch from the collar seam, centered on the joining seam. Strap lengths graduated in accordance with shirt size and (above) tip location. Straps to have 3/16 inch top stitching.

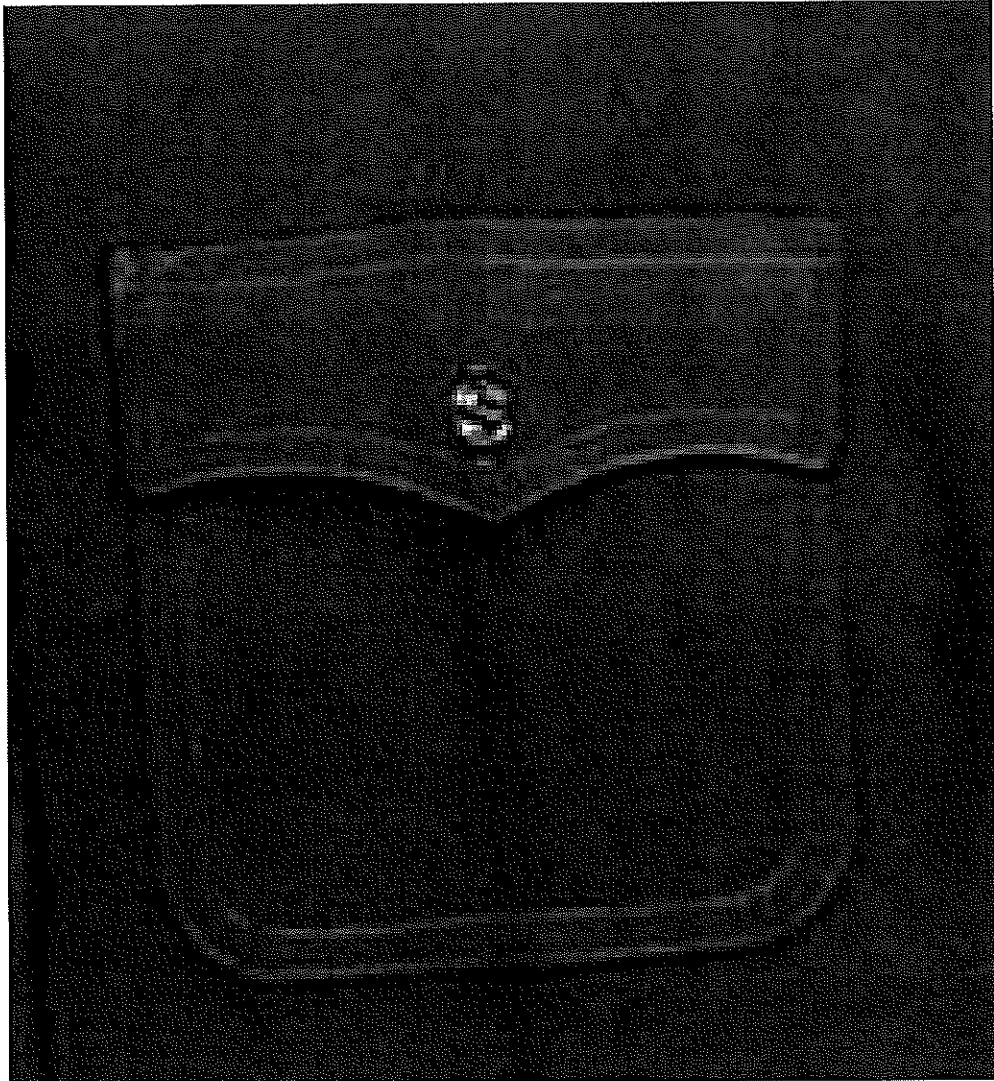


PHOTO 3: Breast Pocket Detail (Two Required)

Two patch type breast pockets with rounded bottoms and scalloped flaps, as shown above. Pocket size: 4 in. ($\pm 1/8$ in.) X 5—5 $1/8$ in. X scalloped flap to have three points and two curves (as shown), with stop-stitching as shown and with pockets “stitched closed” from top of flap to bottom point of flap (both sides). Buttons to be 20 ligne Potomac melamine in a shade to match Raeford #521-943.

UNIFORM ITEM SPECIFICATION – MILITARY PROPERTY WAREHOUSE

(FEMALE) 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 Side Seam: the number of linear inches along the side seam, from the armhole to the bottom corner of the shirt.

<u>SHIRT SIZE</u>	<u>SIZE</u>	<u>CHEST SIZE*</u>	<u>WAIST SIZE*</u>	<u>TRUNK (SIDE SEAM)*</u>	<u>SLEEVE*</u>
8	13	34	30	18	30
10	13.5	36	32	18	30
12	14	38	34	18	30
14	14.5	40	36	18	31
16	15	42	38	18	31
18	15.5	44	40	18	32
20	16	46	42	18	32

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.

The categories highlighted by an asterisk (*) above, indicate numbers (sizes) obtained by measuring the garments in the flat position.

INSTRUCTIONS FOR PREPARATION OF SAMPLE SHIRTS

The sample of long sleeve shirt, required by the bid conditions in this inquiry are to be made exactly to specifications except for the following:

1. Color specification will be waived.
2. Size of sample shall be as followed: Long sleeve shirt Size 14 as per the contour chart contained in this specification.