

Texas A&M Corps of Cadets Specifications
Shirt, Male, Short Sleeve, Gabardine

Item:

Shirt, (Male) Short-sleeved, gabardine (tan)

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Description:

Shirt to be simto MIL-S-4863 as currently amended, except for any/all modifications specified herein. Shirt shall be short-sleeved, with two (2) scalloped flaps over double patch type pockets, with exposed button at center. Cadet style collar, flanked by tapered epaulettes, either side. Double yoke, with outside yoke set onto full shirt back and topstitched approximately 3/16 in. from edge. Exposed (outside) yoke shall be triple-pointed, scalloped design, with two full scallops left and right of center point and two half scallops outside (either side) of full scallops. Buttonstand front/center with seven (7) buttons and opposing buttonholes (as shown on primary sketches on the following pages).

Fabric:

Fabric shall be 55% Dacron polyester/45% wool; two ply warp and two ply filling; weight 11-11.5 oz. Raeford, style #521 shade #193 (tan).

Buttons:

Buttons shall be Potomac melamine, in a shade to match Raeford #521-193.

Collar:

Cadet style with one button/ buttonhole collar; Interlined with 285 sanforized material; Die-cut collar, with points 2 5/8 - 3 inches long, with permanent collar stays (sewn in); Collar stays to be centered on point (i.e., positioned to dissect point angle, with the pointed end of the stay angled toward the collar point).

Collar Banding:

Die-cut collar band; Interlined with 285 sanforized material; Collar band shall be lined with high luster, Rayon twill satin lining; With a (reinforcing) extra row of stitching through the horizontal center of the collar band.

Yokes:

Two piece yoke, 7.25-7.5 inches deep, from center of collar back to tip of the centermost scallop "point." Inside yoke shall be the full shirt back, with outside (scalloped) yoke topstitched to shirt back.

Front:

Left Front:

Left front shall have 1.5-in. wide buttonhole stand, with topstitching approximately 3/16 inch from each edge; with seven (7) buttonholes, centered on buttonhole stand, per standard specifications; Nominal separation, between buttonholes/buttons, approximately 3-3/4 inches, center-to-center, starting from the top.

Right Front:

Right front shall have a seven (7) button buttonstand, of self material, with stitching approximately 7/8 inches from the inside edge; outfitted with seven (7) Potomac melamine buttons, in a shade to match Raeford #521-193. Button separation, approximately 3-3/4 inches (nominal) center-to-center, starting from the top; Actually, buttons positioned as required to mate with opposing buttonholes.

Pockets:

Die-cut to assure uniformity and creased for cosmetic appearance. Two (2) pockets to be proportional to neck size required with 3/4 inch "hem-no" raw edge treatment. Vertical edge stitch from horizontal top hem to top of pocket (both sides), to render pocket inaccessible. Pocket shall be set with topstitch approximately 5/8 inch from each edge and edge stitched. There shall be an inside pencil pocket with two (2) compartments in left pocket, from self-goods.

Pockets shall be set approximately 8 inches from joining seam and approximately 1 3/4 in. from buttonholes. Pockets dimensions are 5-7/16"(w) X 6"(d), with rounded corners.

Pocket Flaps:

Flaps to be die-cut to assure uniformity and center-creased. Triple point/double scallop flap design; Two each pockets required: 5 1/4 in. wide ($\pm 1/8$ in.) X 2 1/4 in. deep ($\pm 1/8$ in.) at left and right edges (top to point dimension) X 2 3/4 deep ($\pm 1/8$ in.) center scallop point. Flaps to have 3/16 inch topstitching buttonholes on flap to match/mate with pocket button.

Sleeves:

One-piece, set-in short sleeves, with approximately 1 inch hem at sleeve bottom.

Shoulder Straps (Epaulets):

Epaulets to measure approximately 2.0 inches at each sleevehead (top of shoulder seam) and taper to 1 5/8 inch at the place where the pointed tip begins. The center-line distance from the point where the point end begins to the actual tip end shall be 7/8 inch. On a

SPECIFICATIONS
Short Sleeve Shirt
55% Dacron Polyester/45% Worsted Wool
Male Style No. 01031

- STYLE:** Form fitting short 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 521-193. The fabric shall be kaumographed.
- COLOR:** Tan
- COLLAR:** The collar shall be a dress style, die cut. The collars 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 20)
- 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 21 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 ¾ 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 22)

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:

The sleeve shall be a one-piece, set-in short sleeves, with a 1-inch hem at the sleeve bottom. The sleeve inseam and sleeve topline shall be graded according to neck size.

EPAULETS:

Epaulets shall measure two inches at sleeve seam, tapering to the ends according to chart 2 (page 23). 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 23.

BUTTONS:

Buttons shall be 20-ligne matching melamine buttons.

PATCHES:

A "TAMU" shoulder patch to be supply 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:

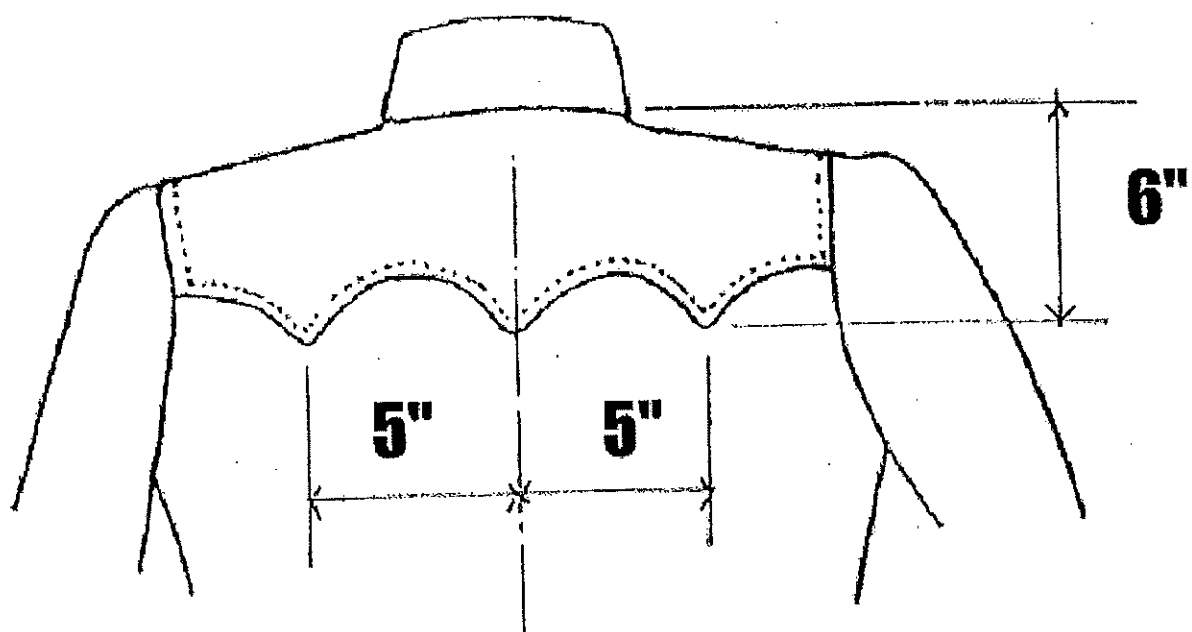
All major seams including sleeving and closing operations shall be double needle felled seams.

PACKAGING:

The shirts shall be soft folded in individual poly bags and packed 12 shirts per box. Shirts shall be shipped separate from balance of order to accommodate for warehouse space and inspection process.

Chart 1: Men's Short Sleeve Shirt Contour Chart

Neck Size	Chest	Tapered Waist	Trunk Inseam
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
18.5-19	56	51	20



Pocket Details



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

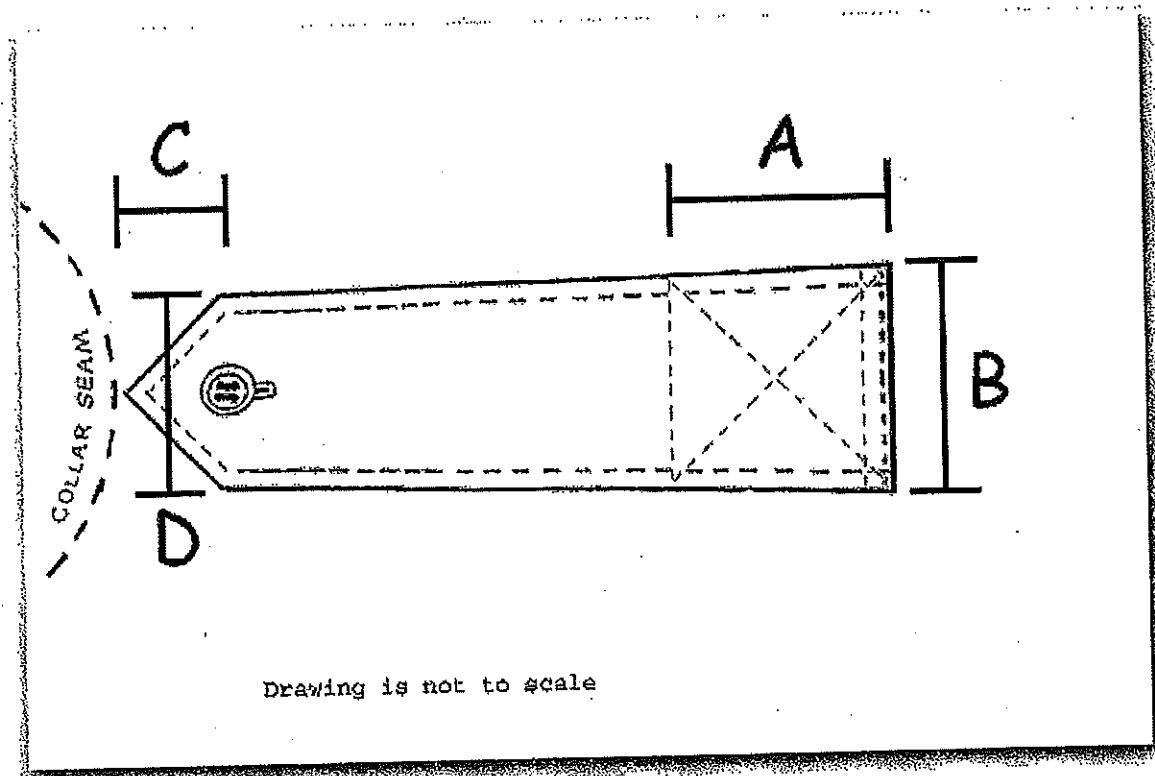


Chart 2

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"

completed garment, the tip end shall lie approximately 7/8 in from the collar seam on top of the shoulder as the shirt is worn.

Point of Epaulet (and center-line) shall be centered on the joining seam at the shoulder (as worn). Length of the straps shall be graduated in accordance with shirt size. Buttons attached to yokes shall match shade of Epaulet and mate with buttonholes on pointed end of the strap. Straps shall have a 3/16 in. topstitch.

Thread:

Matching thread shall be used for all sewing operations.

Stitching:

Stitching and closing operations shall be double-needle.

Die-cut Components:

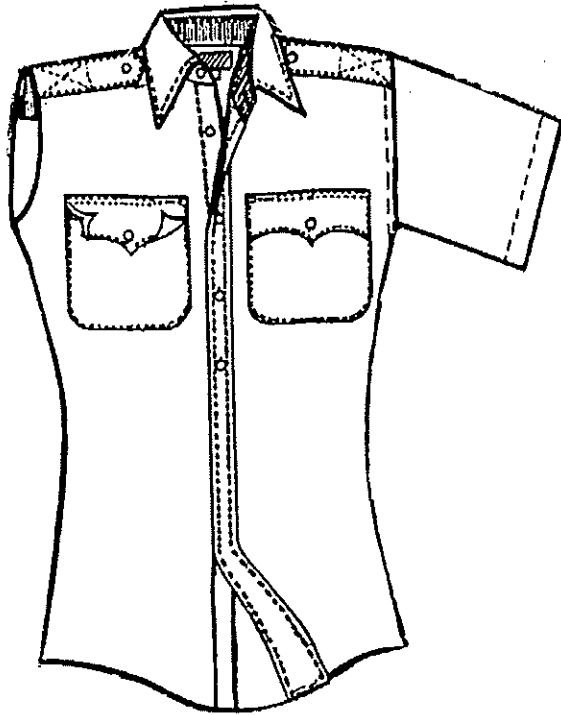
All collars, pockets, pocket flaps, yokes and shoulder straps shall be die-cut to assure uniformity.

All side seams shall have sufficient fabric to prevent unraveling and fraying.

Turn under all.

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

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.



Front View

Fabrication Details

Collar
Front
Pockets
Flaps
Sleeves
Shoulders
Shoulder Straps
Buttons
Stitching

Note:

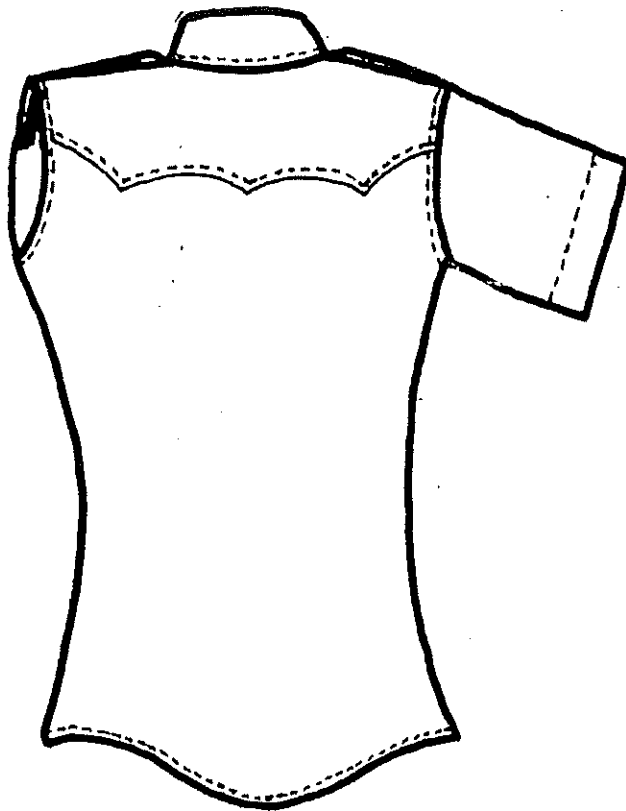
Permanent Size Marking and Manufacturer's label required on all garments.

Note:

Size chart furnished with purchase order, to successful bidder.

Note:

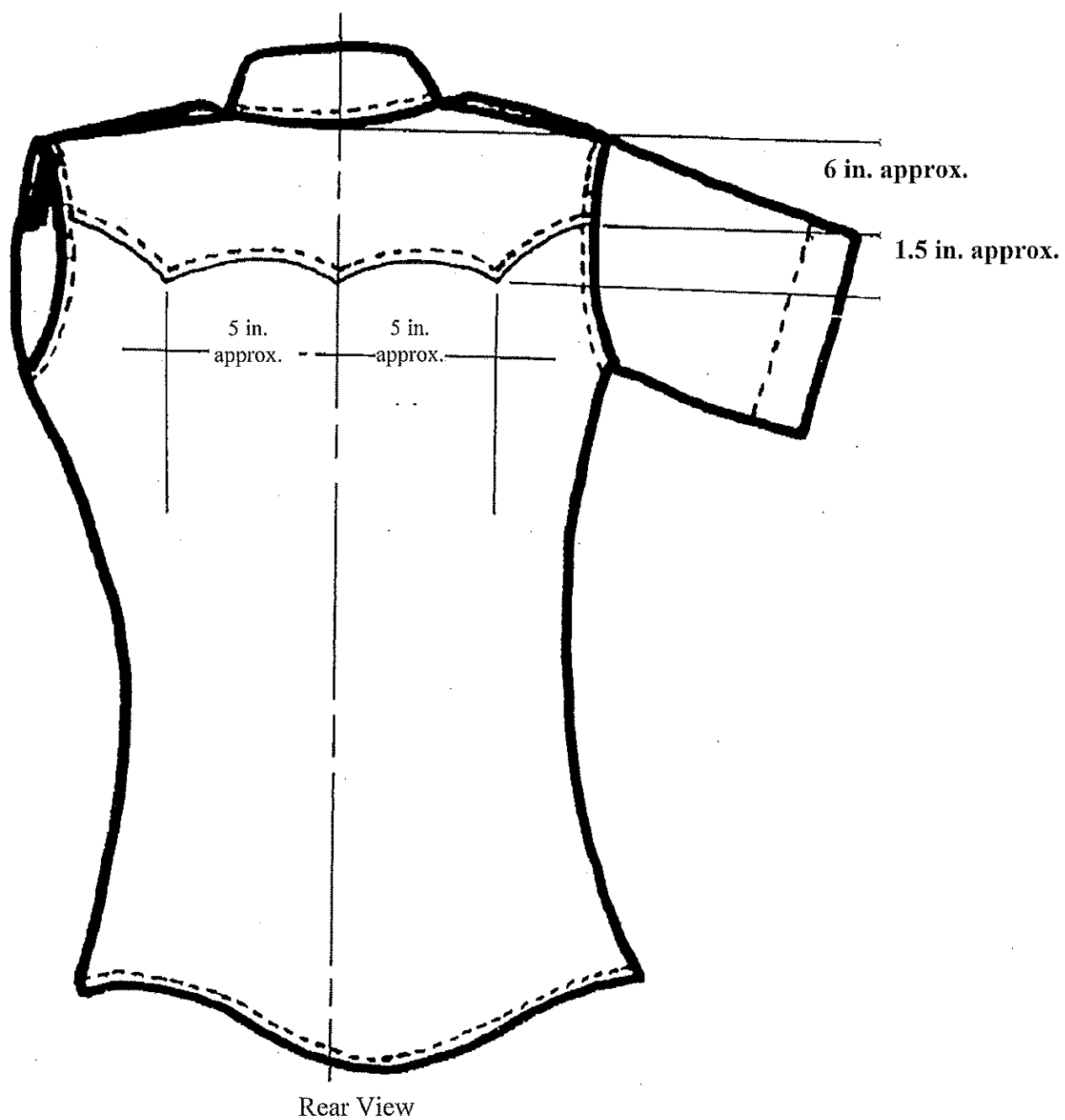
Top Ram-stitch should be with double wrapped gabardine. Bar tacks are not necessary here.



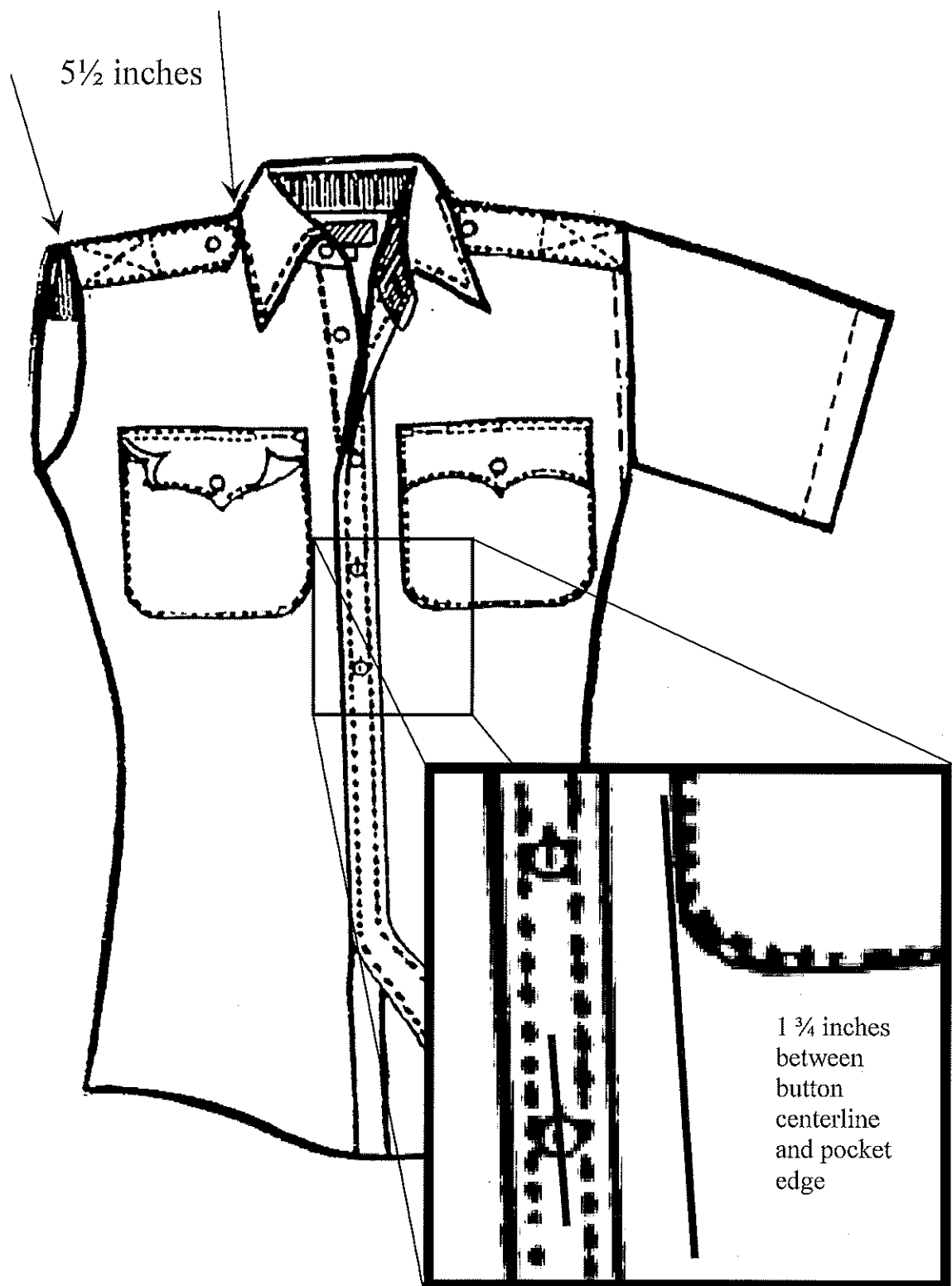
Rear View

SIMTO MIL-S-4863 AND ITS AMMENDMENTS, EXCEPT FOR MODIFICATIONS NOTED, HEREIN; INCLUDING, BUT NOT NECESSARILY LIMITED TO THE FOLLOWING: SHIRTS MUST BE CUT OVER FORM-FITTING (MODIFIED) GOVERNMENT STANDARD PATTERNS, EXCEPT THAT HALF SIZE CHEST MEASUREMENT FOR SIZE 15 NECK SHALL BE 21¼ IN. + ¼ IN. AND HALF-SIZE CHEST MEASUREMENT OF OTHER NECK SIZES SHALL VARY PROPORTIONATELY. (SEE BELOW)*

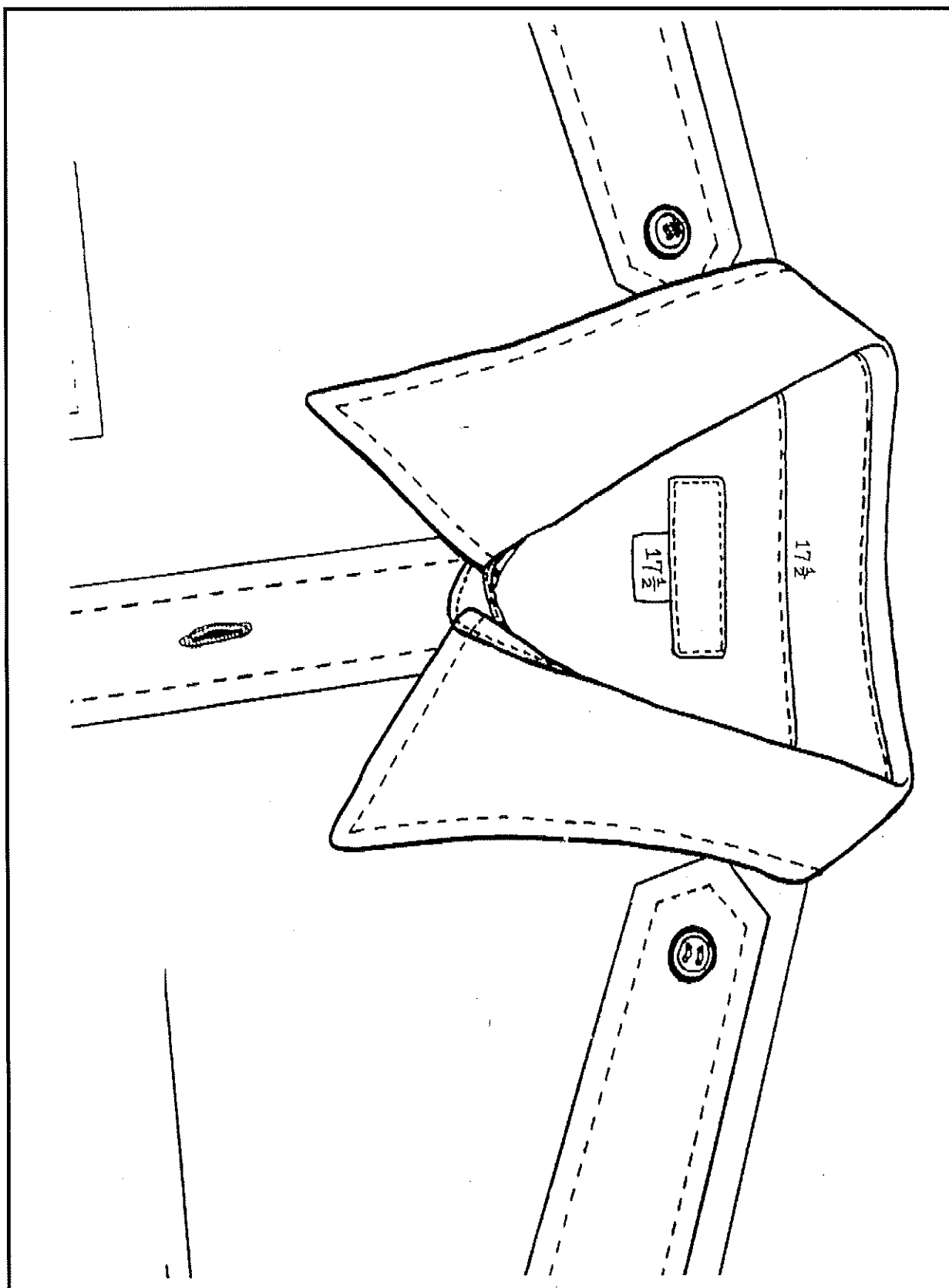
*Shirts must be form fit to measurements indicated on shirt contour chart (Table1). Form-fitting may involve adjustments of standard size shirts in body and both sleeves.



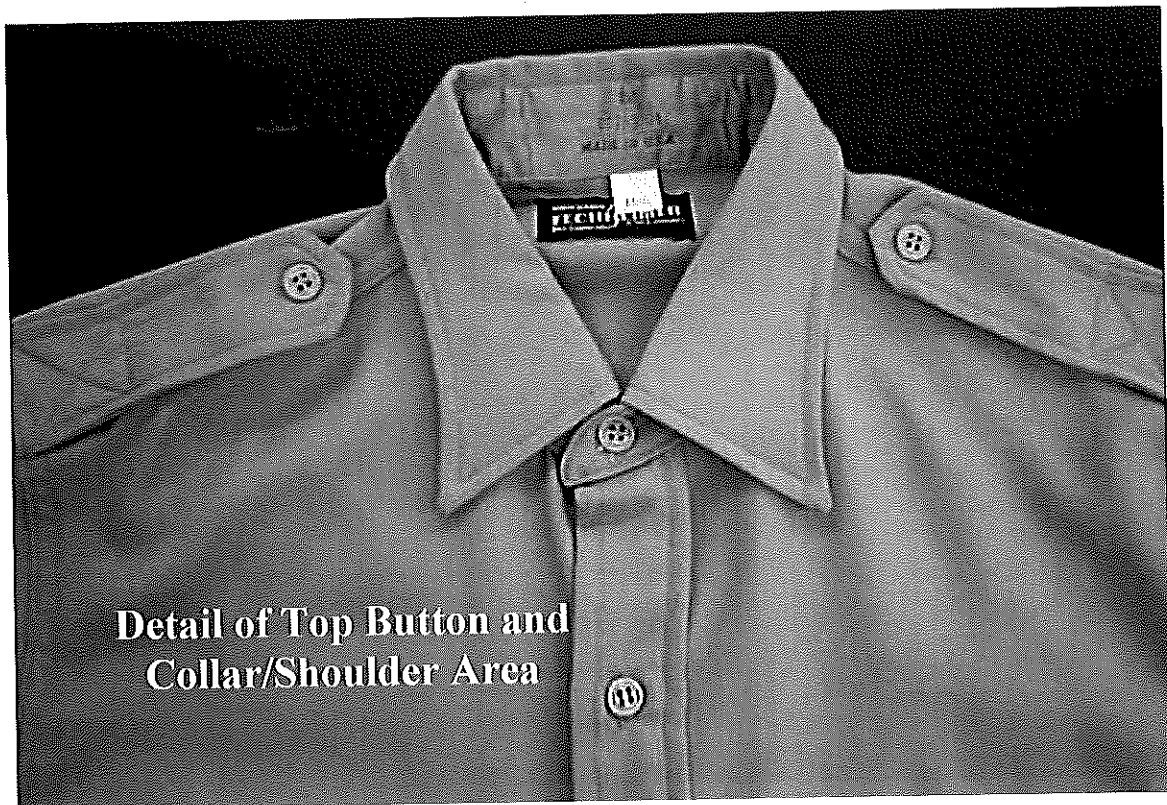
Supplemental Drawing A



Supplemental Drawing B



Supplemental Drawing C



**Detail of Top Button and
Collar/Shoulder Area**

Photo 1



**Front Detail Illustrating Pocket Design,
Epaulets, Patch Placement, and Spacing
Arrangement**

Photo 2



**Detail of Shoulder with TAMU
patch**

Photo 3

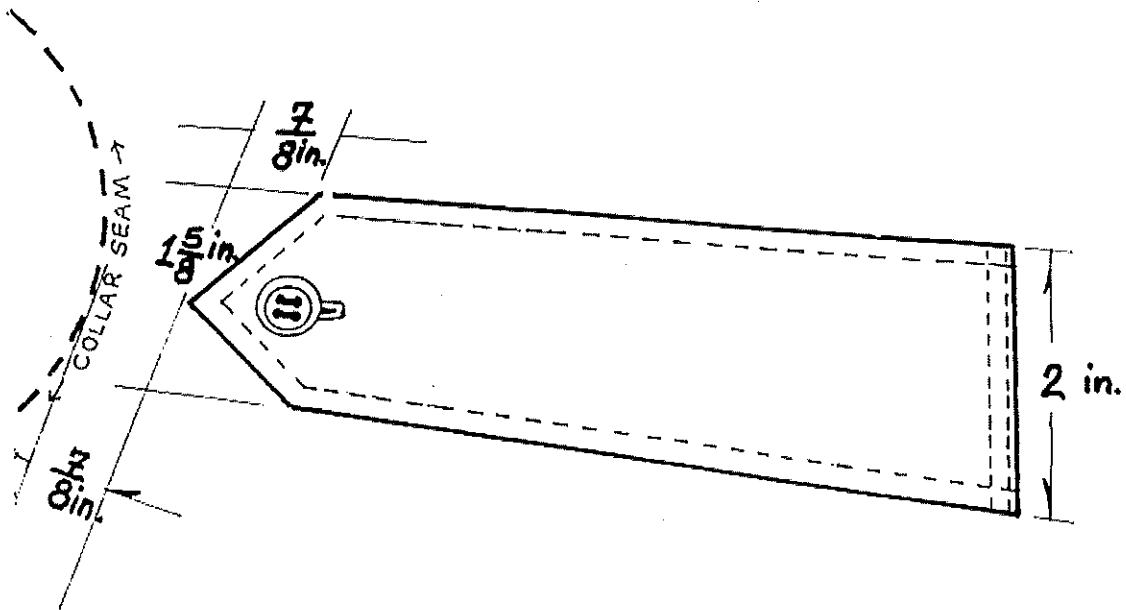


Detail of Back Scallop Design

Photo 4

Shoulder Straps (Epaulets):

Each epaulet to measure 2 inches wide at each sleevehead and taper to 1-5/8 inches at the point where the pointed tip begins. The tip end shall be approximately 7/8 inches long and end at a point approximately 7/8 inches from the collar seam.



(NOT TO SCALE)

Epaulet Detail & Orientation:

The point of the epaulet shall be centered on the adjoining shoulder seam. The length of the epaulet shall be graduated to conform to the varying shirt sizes.

Opposing buttons will be attached to match with corresponding buttonholes in epaulets. Button color is as specified (matched to Raeford #521-193). Top stitch the epaulets 3/16 inches from the edge, all around.

Uniform Item Specification – Military Property Warehouse

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.

Table 1: Men's Short Sleeve Shirt Contour Chart

Neck Size	Chest	Tapered Waist	Trunk Inseam
13.5	36	30	20
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14.5	40	33	20
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16.5	47	42	20
17	48	42	20
17.5	51	47	20
18	54	49	20
18.5-19	56	51	20

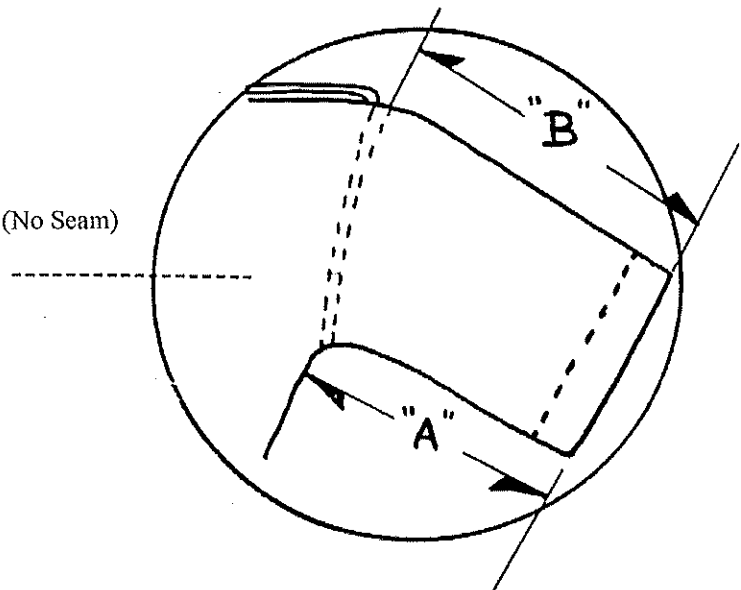
Table 2: Size/Sleeve Chart

Size	"A" Sleeve Inseam (inches)	"B" Sleeve Topline (inches)
13.5	5	8.5
14	5	8.5
14.5	5	8.5
15	5.5	9
15.5	5.5	9
16	5.5	9
16.5	5.5	9
17	5.5	9
17.5	5.5	9
18	5.5	9
18.5-19	5.5	9

Sleeve Detail

"A" = Inseam

"B" = Topline of Sleeve (No Seam)



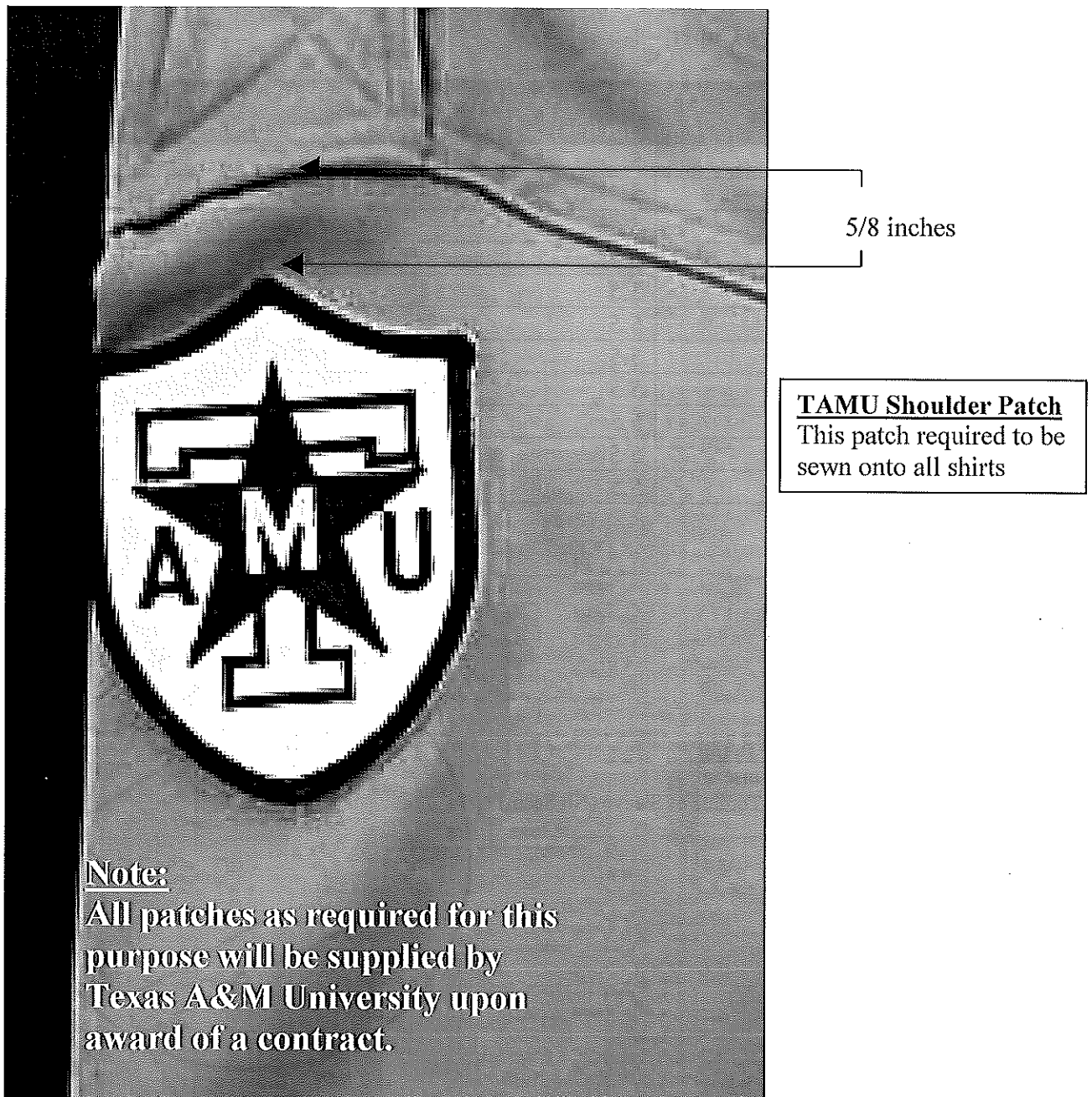


Photo 5