

CONTRACT SECTION C WORKSHEET

DATE 19 APR 99

PRON P48SFBX4 AMC 1 AMSC G ATC _____

TDPL 2-3-503 TDPL DATE 12 APR 99

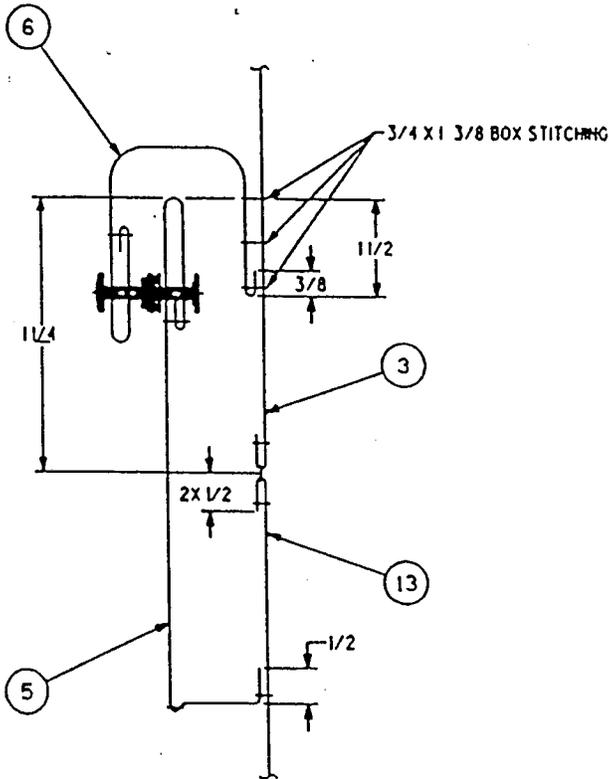
NSN 8415-01-406-6909 NOMENCLATURE AH-64 FLYERS HELMET BAG

ENGINEERING EXCEPTIONS: The following engineering exceptions apply to this procurement action(s):

1. Drawing E-2-3-503, Sheet 2:

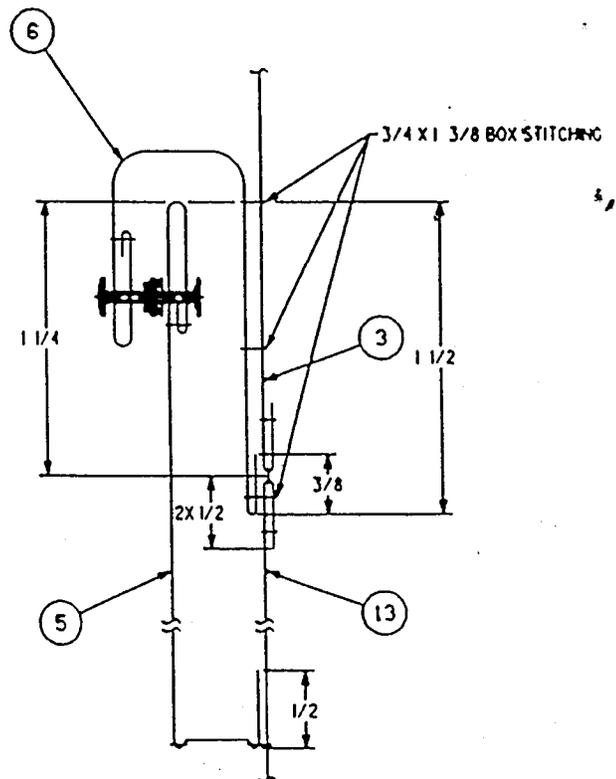
a. Zones E-4 thru G-5, Section B-B; clarify location of the box stitching, hide cut edges of the gussets, and change stitching of the flashlight pocket:

FROM:



SECTION B-B
(ITEMS NO. 9 AND 10 NOT SHOWN)

TO:



SECTION B-B
(ITEMS NO. 9 AND 10 NOT SHOWN)

MYLARS REQUIRED (Check one): Yes No

CERTIFICATION SIGNATURE(S) / CONCURRENCE

ENG <u>Donald Seers</u> Type/Print Name	<u>Donald Seers</u> Signature	<u>4/20/99</u> Date	<u>AMSTA-RR-ESW-D</u> Office Symbol	<u>793-5342</u> DSN Telephone
LCSE _____ Type/Print Name	_____ Signature	_____ Date	_____ Office Symbol	_____ DSN Telephone
PKG _____ Type/Print Name	_____ Signature	_____ Date	_____ Office Symbol	_____ DSN Telephone
PAD _____ Type/Print Name	_____ Signature	_____ Date	_____ Office Symbol	_____ DSN Telephone

ATCH 003

CONTRACT SECTION C WORKSHEET

DATE 19 APR 99

PRON P48SFBX4

AMC 1

AMSC G

ATC _____

TDPL 2-3-503

TDPL DATE 12 APR 99

NSN 8415-01-406-6909

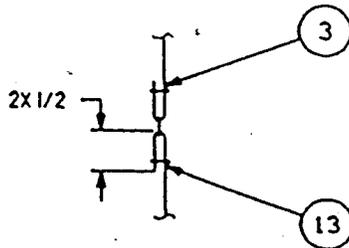
NOMENCLATURE AH-64 FLYERS HELMET BAG

ENGINEERING EXCEPTIONS: The following engineering exceptions apply to this procurement action(s):

1. Drawing E 2-3-503, Sheet 2 (Continued):

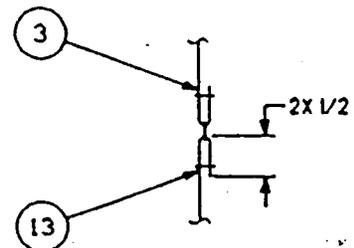
b. Zones C-1 thru D-2, Section F-F; change to hide cut edges of the gussets:

FROM:



SECTION F-F
(ITEMS NO. 4, 9 AND 10 NOT SHOWN)

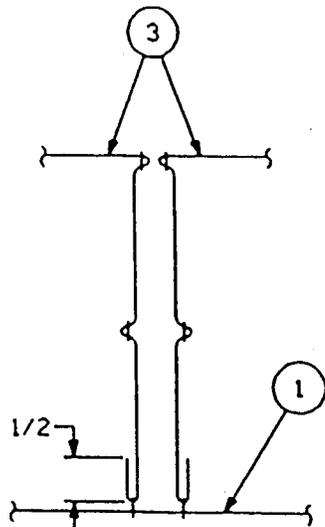
TO:



SECTION F-F
(ITEMS NO. 4, 9 AND 10 NOT SHOWN)

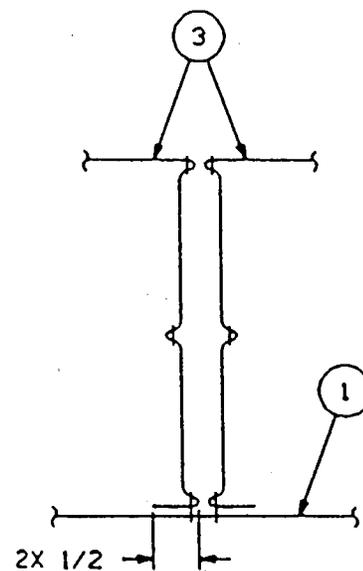
2. Drawing D 2-3-505, Zone C-2, Section B-B; change stitching at the bottom:

FROM:



SECTION B-B

TO:



SECTION B-B

3. Parts List (PL) 2-3-509, Find No. 1:

a. PART/ID NUMBER Column; change Class: FROM: Class 3 TO: Type II, Class 1

b. NOMENCLATURE Column; change material:

FROM: . . . Cotton, 8 3/4" Long

TO: . . . Nylon Fiber, 8 3/4" Long

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TDPL 2-3-503 TDPL DATE 12 APR 99
NSN 8415-01-406-6909 NOMENCLATURE AH-64 FLYERS HELMET BAG

ENGINEERING EXCEPTIONS: The following engineering exceptions apply to this procurement action(s):

4. Drawing D 2-3-510, top view and Section A-A; change view from a double adjustable strap to a single adjustable strap per Attachment #1.
5. Parts List (PL) 2-3-510, Find No. 1, NOMENCLATURE Column; change cut length:
FROM: . . . Cut 84" Long TO: . . . Cut 56" Long
6. Drawings D 2-3-513 & D 2-3-516, after "NOTE 6" on both drawings; insert new "NOTE 7" to allow alternate stitching of item 2 (5/8" Fastener Tape, Hook on both Parts Lists):
ADD: 7. ALTERNATE SWITCH PATTERN FOR ATTACHING EACH PIECE OF 5/8" HOOK FASTNER TAPE, (ITEM #2) SHALL BE A DOUBLE NEEDLE PATTERN WITH 1 INCH BACKTACKS AT BOTH ENDS. THE STITCHING SHALL STILL BE 1/8" FROM EACH EDGE AND 3/8" APART.
7. Parts List (PL) 2-3-515, Find No. 2, PART/ID NUMBER Column; change Type & Class:
FROM: Type 3, Class I TO: Type II, Class 1
8. Parts List (PL) 2-3-516, Find No. 3:
 - a. DRAWING/DOC NUMBER & PART/ID NUMBER Columns; change Mil Spec Number (2 places):
FROM: MIL-T-5088 TO: MIL-T-5038
 - b. NOMENCLATURE Column; change cut length:
FROM: . . . Cut 4 1/2 Long TO: . . . Cut 4 3/4" Long
9. Drawings B 2-3-519, B 2-3-520, B 2-3-521 & B 2-3-530:
 - a. Above Title Block; change:
FROM: SPECIFICATION CONTROL DRAWING TO: SOURCE CONTROL DRAWING
 - b. Note 1 & top of Supplier Data Table; change supply source type (2 places):
FROM: SUGGESTED SOURCES . . . TO: APPROVED SOURCES . . .
 - c. After "NOTE 3"; insert new "NOTE 4" to require approval of substitute items:
ADD: 4. ONLY THE ITEM DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDORS LISTED HEREON IS APPROVED BY THE U.S. ARMY FOR USE. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY AMSTA-AR-ESW-D, TACOM-ARDEC, ROCK ISLAND, IL 61299-7300.

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NSN 8415-01-406-6909 NOMENCLATURE AH-64 FLYERS HELMET BAG

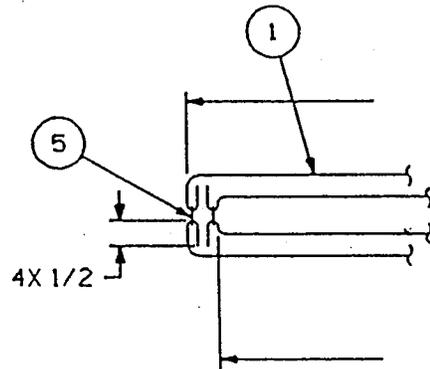
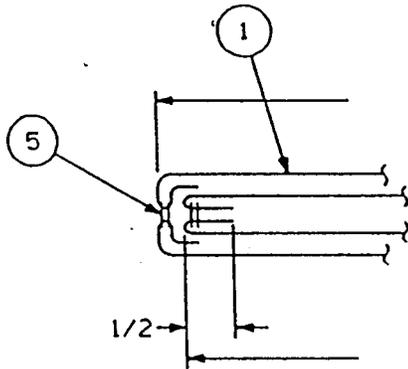
ENGINEERING EXCEPTIONS: The following engineering exceptions apply to this procurement action(s):

10. Drawing D 2-3-522:

a. Zones C-7 & C-8, Section A-A; change stitching to hide cut edge:

FROM:

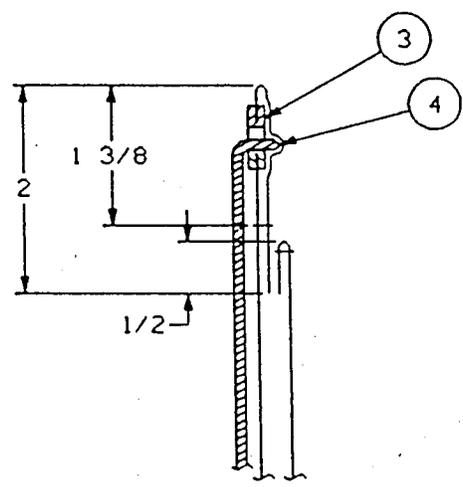
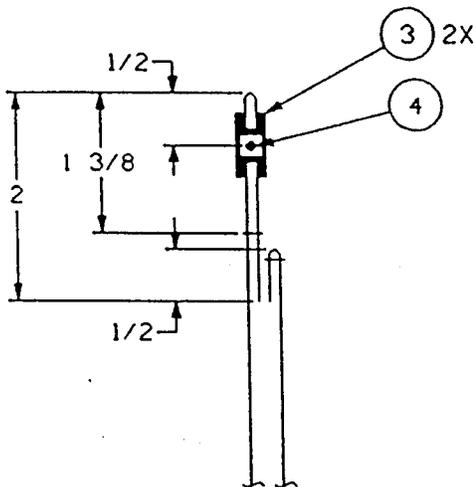
TO:



b. Zones B-7 & B-8, Section B-B; change view of grommet and cord:

FROM:

TO:



CONTRACT SECTION C WORKSHEET

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PRON P48SFBX4 AMC 1 AMSC G ATC ---
TDPL 2-3-503 TDPL DATE 12 APR 99
NSN 8415-01-406-6909 NOMENCLATURE AH-64 FLYERS HELMET BAG

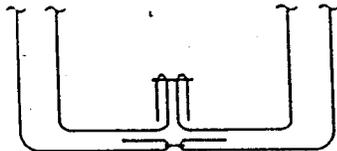
ENGINEERING EXCEPTIONS: The following engineering exceptions apply to this procurement action(s):

10. Drawing D 2-3-522 (Continued):

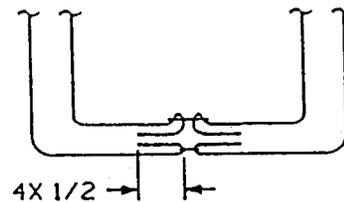
c. Zone A-7, Section B-B; change stitching to hide cut edge:

FROM:

TO:



SECTION B-B
SCALE NONE



SECTION B-B
SCALE NONE

11. Parts List (PL) 2-3-522, Find No. 3, PART/ID NUMBER and NOMENCLATURE columns; change part number, finish and nomenclature:

FROM: MIL-G-16491 Grommet M16491/1-0170B

TO: M16491/1-0170C Grommet, Metallic, Plain, with Toothed Washer (Type II), Black Chemical Finish

12. Drawing C 2-3-523:

a., NOTES, change to update "NOTE 1" and add "NOTE 2":

FROM: 1. THE LABEL SHALL CONFORM TO TYPE IV, CLASS 9 OF DDD-L-20. THE FASTNESS OF THE CLASS 9 LABEL SHALL BE AS SPECIFIED FOR CLASS 5 LABELS. THE LABELS SHALL BE PRINTED ON BOLD LETTERS 1/4 INCH IN HEIGHT AND LOCATED IN THE APPROXIMATE CENTER OF THE INSIDE LINER.

TO: 1. THIS LABEL SHALL CONFORM TO TYPE VI, CLASS 16 OF DDD-L-20 EXCEPT THE COLORFASTNESS SHALL BE AS SPECIFIED FOR CLASS 5 LABELS. THE PRINT SHALL BE 1/4 INCH HIGH CAPITAL LETTERS WITH THE CONTENT AS SHOWN.

2. LOCATE AND SEW LABEL ONTO THE APPROXIMATE CENTER OF THE INSIDE LINER AND AS SHOWN ON SHEET 2 OF DRAWING E 2-3-503, BAG, FLYERS, HELMET, AH-64 (APACHE)

b. Zone B-3, change label length dimension: FROM: 10 TO: 9.5 ±.75

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PRON P48SFBX4 AMC 1 AMSC G ATC ---
TDPL 2-3-503 TDPL DATE 12 APR 99
NSN 8415-01-406-6909 NOMENCLATURE AH-64 FLYERS HELMET BAG

ENGINEERING EXCEPTIONS: The following engineering exceptions apply to this procurement action(s):

12. Drawing C 2-3-523 (Continued):

c. Zones A-3 thru D-4; change all wording on the label to read as follows:

AH-64 FLYERS HELMET BAG
PART NUMBER: 2-3-503
NSN: 8415-01-406-6909
CONTRACT NUMBER: DAAE20-99-X-XXXX
MANUFACTURER'S CAGE CODE: XXXXX

USE AND CARE OF AH-64 FLYERS HELMET BAG

1. NOTE: DO NOT MACHINE WASH BAG OR IMMERSE IN WATER.
2. CLEAN BAG ONLY WITH A DAMP CLOTH OR SOFT BRUSH AND MILD DETERGENT, THEN AIR DRY. DO NOT MACHINE DRY.
3. KEEP BAG AS ^{EA} CLEAN AS POSSIBLE, ESPECIALLY INTERIOR PORTIONS WHERE DAMAGE TO THE HELMET AND EXTRA VISOR COULD OCCUR.
4. AVOID CONTACT WITH ALL PETROLEUM PRODUCTS.
5. DO NOT OVERSTUFF BAG! ONLY CARRY ITEMS THAT ARE ESSENTIAL FOR FLIGHT OPERATIONS.
6. TO AVOID UNNECESSARY WEAR, DO NOT DRAG ON HARD OR ABRASIVE SURFACES.
7. REPAIRS SHOULD ONLY BE MADE BY QUALIFIED PERSONNEL.
8. USE STORAGE BAG ASSEMBLY FOR EXTRA VISOR ONLY.
9. KEEP SHARP OBJECTS OUT OF BAG POCKETS.
10. PLACE DETACHED SHOULDER STRAP IN BAG TO AVOID LOSS.

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ENGINEERING EXCEPTIONS: The following engineering exceptions apply to this procurement action(s):

13. Drawing D 2-3-531, "Note 1"; change all wording:

FROM: 1. MATERIAL: FOAM POLYESTER, GRADE 9400L000,
3/8 INCH THICK.

TO: 1. MATERIAL: CLOSED MICRO CELL, CHEMICALLY CROSSLINKED
POLYETHYLENE FOAM MODIFIED WITH ETHYLENE VINYL ACETATE
(EVA) THAT MEETS THE FOLLOWING PROPERTIES AS TESTED
PER ASTM D3575:

A. DENSITY:	1.6 TO 2.0 LBS/CU FT
B. COMPRESSION STRENGTH	
AT 25% DEFLECTION:	4 TO 7.4 PSI
AT 50% DEFLECTION:	10 TO 16 PSI
C. COMPRESSION SET	
AT 50% DEFLECTION:	22% MAXIMUM
D. ELONGATION TO BREAK:	300% MAXIMUM
E. TENSILE STRENGTH:	50 PSI MINIMUM
F. TEAR RESISTANCE:	6 LBS/INCH MINIMUM
G. TEMPERATURE RANGE:	-110 TO +200 DEG F
H. THERMAL STABILITY/ LINEAR SHRINKAGE AT 200 DEG F FOR 24 HRS:	5% MAXIMUM
I. WATER ABSORPTION OF CUT SURFACE:	.05 LBS/SQ FT MAXIMUM
J. CELL SIZE	.007 INCH MAXIMUM
K. COLOR	OPTIONAL
L. THICKNESS	.210 TO .300 INCHES

14. Military Specification MIL-C-43358:

a. Update per Natick RD&E Center Letter, SATNC-IR, dated 3 Jan 95, subject: Cloth Knitted, Nylon/Acetate, Tricot, Camouflage Green 483, MIL-C-43358 (See Attachment #2).

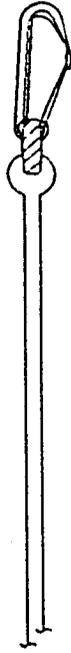
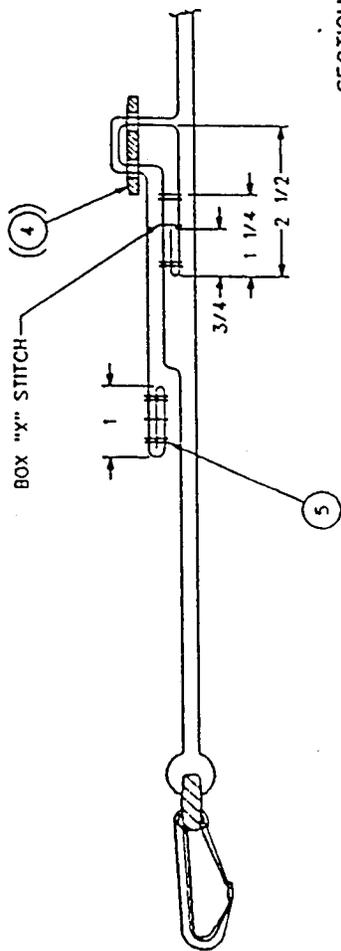
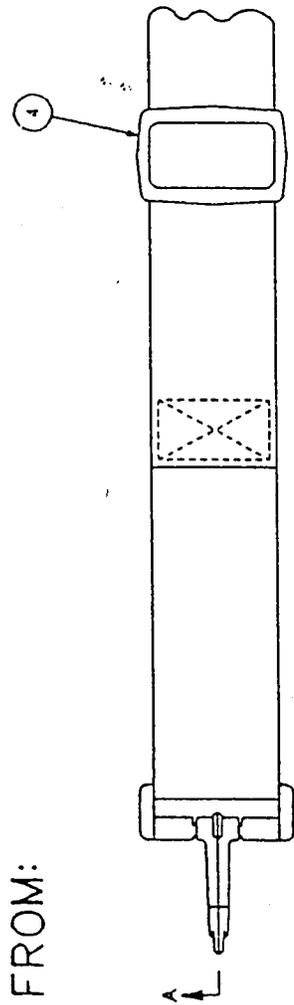
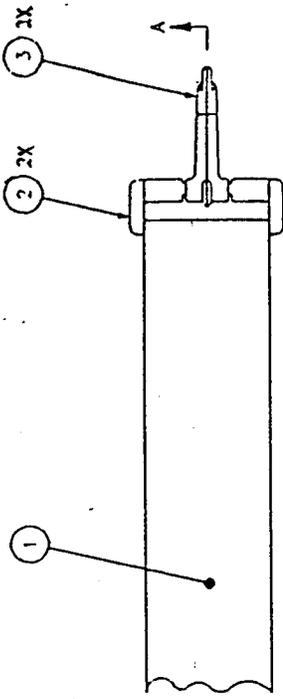
b. The changes listed above do not change this Military Specification's title wording even though the actual material is now "Polyester". (Thus the specification titles using the words: "Nylon/Acetate" will not change on either the Technical Data Package List (TDPL) 2-3-503 or Drawing 2-3-517.)

15. Parts List (PL) 2-3-503, Find No. 8, PART/ID NUMBER and NOMENCLATURE columns; change part number and nomenclature:

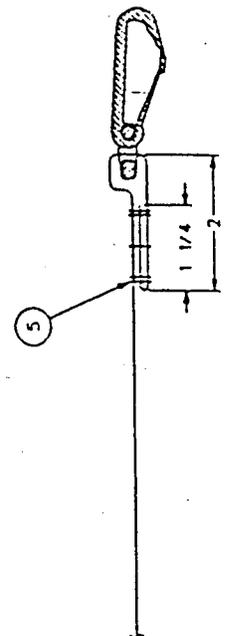
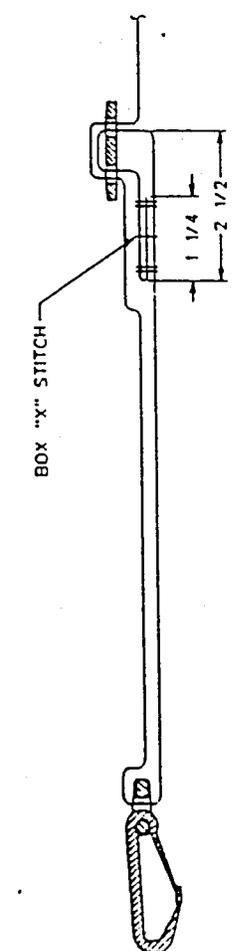
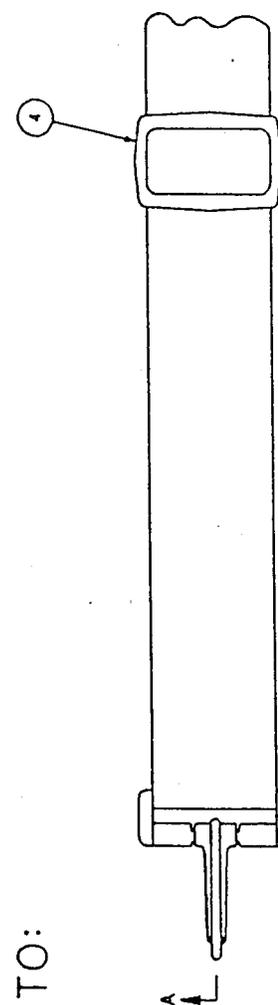
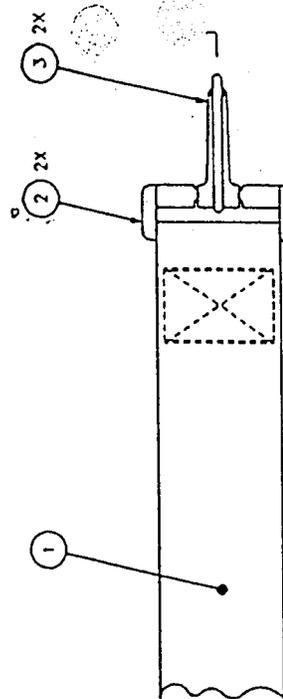
FROM: 2-3-503-1 STRAP COMFORT ASSEMBLY

TO: 2-3-503 PAD, COMFORT

FROM:



TO:



SATNG-IR

3 Jan 95

TO: DPSC-FSQC

SUBJECT: Cloth, Knitted, Nylon/Acetate, Tricot, Camouflage Green 483; MIL-C-43358

1. It is requested that the following changes to subject document be made applicable to all current, pending and future procurements until such time as the specification is amended or revised:

Page 1

1.1, line 1: Delete "nylon/acetate," and substitute "polyester".

Page 3

3.3.1: Delete in its entirety and substitute:

"3.3.1 Yarn. The yarn shall be multifilament polyester (see 6.5)."

3.5, Table I, under "Thickness, Min. inches": Delete "0.065" and substitute "0.042".

Page 4

3.5.1: Delete in its entirety.

3.8, line 2: Delete "carbon-tetrachloride-soluble" and substitute "m-cresol soluble".

Page 8

4.4.3, table IV, under "Test method" and across "Non-fibrous material": Delete "3/".

Page 9

4.4.3, Delete footnote 3 in its entirety.

SATNO-IR

3 Jan 95

SUBJECT: Cloth, Knitted, Nylon/Acetate, Tricot, Camouflage
Green 483; MIL-C-43358

Page 10

6.1, line 2: Delete "Nylon/Acetate" and substitute
"Polyester".

6.5: Delete last sentence.

6.7: Delete "Nylon/acetate" and substitute "Polyester".

2. Point of contact at this Center is Mrs. R. Teng, DSN
256-5233.

R Teng
RUBY TENG
Textile Technologist
Concurrent Engineering Division
Survivability Directorate

CF:
AMSAT-I-STCL
AMSAT-I-MPTB
AMCPM-SDR

Attachment #2 Sheet 2 of 2