SPECIFICATION 6170-14A May 1997 Superseding 6170-14 September 1993

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

SPECIFICATION

CASE, BELT FIRST AID KIT

1. SCOPE

1.1 <u>Scope</u>. This specification covers the requirements for the belt first aid kit (type IV) case.

2. APPLICABLE DOCUMENTS

2.1 <u>Government documents</u>.

2.1.1 <u>Specifications, standards, and handbooks</u>. The following specifications, standards, and handbooks form part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents shall be those in effect on the date of the invitation for bids or request for proposal.

SPECIFICATIONS

FEDERAL

| A-A-55126 | - | Fastener Tapes, Hook and Pile, Synthetic |
|-----------|---|--|
| V-F-106 | - | Fastener, Slide, Interlocking |
| V-T-295 | - | Thread, Nylon |
| DDD-L-20 | - | Label: For Clothing, Equipage, and Tentage (General Use) |

MILITARY

MIL-W-5664 - Webbing, Textile, Elastic

USDA FOREST SERVICE

5100-86 - Cloth, Duck, Nylon (Polyurethane Coated)

Beneficial comments (recommendations, additions, deletions) and any pertinent data that may be used in improving this document should be addressed to: USDA Forest Service, Missoula Technology and Development Center, Building 1, Fort Missoula, Missoula, MT 59804-7294 by using the Specification Comment Sheet at the end of this document or by letter.

FSC 6545

STANDARDS

FEDERAL

| FED-STD-376 | - | Preferred Metric Units for General Use By the |
|-------------|---|--|
| | | Federal Government |
| FED-STD-595 | - | Colors (Requirements for Individual Color Chips) |
| FED-STD-751 | - | Stitches, Seams, and Stitchings |

(Unless otherwise indicated, copies of federal and military specifications, standards, and handbooks are available from the Defense Automated Printing Service, Building 4D, 700 Robbins Ave., Philadelphia, PA 19111-5094. Copies of Forest Service specification 5100-86 are available from the preparing activity (6.7).)

2.1.2 Other Government documents, drawings, and publications. The following other Government documents, drawings, and publications form a part of this specification to the extent specified herein. Unless otherwise specified, the issues shall be those in effect on the date of the invitation for bids or request for proposal.

DRAWINGS

USDA FOREST SERVICE

MTDC-863 - Case, Belt First Aid Kit

(Copies of the Forest Service drawing are available from the preparing activity (6.7).)

2.2 <u>Non-Government publications</u>. The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those in effect on the date of the invitation for bids or request for proposal.

AMERICAN SOCIETY FOR QUALITY CONTROL (ASQC)

ANSI/ASQC Z1.4 - Sampling Procedures and Tables for Inspection By Attributes

(Address requests for copies to American Society for Quality Control, 611 East Wisconsin Ave., Milwaukee, WI 53202.)

2.3 <u>Order of precedence</u>. In the event of conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 <u>First article</u>. Unless otherwise specified (see 6.2), the belt kit carrying case shall be subjected to first article inspection (see 6.4) in accordance with 4.3.

3.2 <u>Materials and components</u>. The belt kit case shall conform in all respects to the design, details, dimensions, and materials specified herein and in the referenced drawing, MTDC-863. Should there be a conflict between the text of this document and the drawing, this document takes precedence unless otherwise specified in the contract or purchase order.

3.2.1 <u>Cloth, duck, nylon (polyurethane coated)</u>. The basic cloth for the case shall conform to type II of Forest Service specification 5100-86. The color shall be bright red to match the standard shade sample (see 6.3).

3.2.2 <u>Webbing, nylon</u>. The nylon webbing shall be $1-1/2 \pm 1/16$ inches wide and 0.065 to 0.075 inches thick. The break strength shall be a minimum of 2,000 pounds. The weight shall be a minimum of 1.0 ounce per linear yard (see 6.5). The color shall be black.

3.2.3 <u>Webbing, keeper, 1-1/2 inch</u>. The 1-1/2 inch keeper webbing shall conform to type I, class 1 of MIL-W-5664. The color shall be black.

3.2.4 <u>Thread, nylon</u>. The thread shall conform to type II, class A of V-T-295. Thread for all stitching except bartacking shall be size F. For bartacking, thread shall be size E. The color for all thread shall be black.

3.2.5 <u>Fastener tape, 3/4 inch</u>. The 3/4 inch fastener tape shall conform to type II, class 1 of A-A-55126. The color shall be black.

3.2.6 <u>Fastener, slide, interlocking</u>. The slide fastener shall conform to type I, style 1A, size MS of V-F-106, except it shall have two nonlocking sliders throat to throat. The chain shall be nylon or polyester continuous monofilament in a coil type configuration conforming to the requirements listed below (see 6.5).

3.2.6.1 <u>Fastener chain</u>. The diameter of the chain filament shall be 0.028 to 0.040 inch. The width of the chain when closed shall be 0.220 to 0.300 inch. The chain shall be sewn to the tapes. Color of the chain shall be black. All performance requirements governing the crosswise strength of the chain are not applicable, except the crosswise breaking strength requirement, which shall be 155 pounds minimum. The crosswise breaking strength shall be performed as specified in V-F-106, except the fastener shall be preconditioned.

3.2.6.2 <u>Slide fastemer tape</u>. The slide fastemer tape shall be $3/4 \pm 1/16$ inch wide, dyed black, and shall be water repellent treated. The tape shall show good fastness to laundering.

3.2.6.3 <u>Fastener slider and pull</u>. The fasteners shall have sliders conforming to the standard long tab pull nonlocking type as specified in V-F-106. The sliders shall properly fit the chain and shall be brass, aluminum, or other noncorroding metal. The color shall be black.

3.2.6.4 <u>Slide fastemer components</u>. All components of the slide fastemer shall be manufactured by the same company to ensure compatibility of components.

3.2.7 <u>Buckle, 1-1/2-inch, plastic</u>. The 1-1/2-inch buckle shall be constructed of black acetal plastic conforming to ITW Waterbury Side Release Buckle, part no. 101-0150; American Cord & Webbing part no. BSR 1-1/2 inch; or National Molding Corp. Mojave Side Squeeze Buckle, part nos. 4494/4507 (male/female) (see 6.5). Mating components making up a single buckle shall be manufactured by the same company to ensure compatibility of components.

3.2.8 <u>1-1/2-inch slide, plastic</u>. The 1-1/2-inch slide shall be constructed of black acetal plastic conforming to ITW Waterbury Triglide, part no. 105-0150; American Cord & Webbing Single Bar Slide, part no. SB 1-1/2 inch; or National Molding Corp. Sliplok Buckle, part no. 4128 (see 6.5).

3.3 <u>Construction</u>. The construction shall conform in all respects to the referenced drawing, MTDC-863, and as specified herein.

3.3.1 <u>Stitches, seams, and stitchings</u>. All stitching, except bartacking, shall conform to type 301 of FED-STD-751, 8 to 10 stitches per inch.

3.3.1.1 Type 301 stitching. Ends of stitching shall be backstitched or overstitched not less than 1 inch (1/2 inch for box) except where ends are turned under or caught in other seams or stitching. Thread tension shall be maintained so there will be no stitching resulting in loose bobbin or top thread or excessively tight stitching resulting in puckering of the materials sewn. The lock shall be imbedded in the materials sewn.

3.3.1.1.1 <u>Repairs of type 301 stitching</u>. Repairs of type 301 stitching shall be as follows:

a. When thread breaks or bobbin run-outs occur during stitching, except presewing, the stitching shall be repaired by restarting the stitching a minimum of 1 inch (1/2 inch for box) back of the end of the stitching.

b. Except for prestitching, thread breaks or two or more consecutive skipped or run-off stitches noted during inspection of the item (in-process or end item) shall be repaired by overstitching. The stitching shall start a minimum of 1 inch in back of the defective area (1/2 inch on box), continue over the defective area to a minimum of 1 inch beyond the defective area onto existing stitching. Loose or excessively tight stitching shall be repaired by removing the defective stitching, without damaging the materials, and restitching in the required manner.

(When making the above repairs, the ends of the stitching are not required to be backstitched.)

3.3.1.2 <u>Bartacking</u>. Unless otherwise specified, bartacks shall be 1/2 inch in length, $\pm 1/16$ inch, and 1/8 inch in width, $\pm 1/32$ inch, with 28 stitches per bartack. Bartacks shall be free from thread breaks and loose or tight stitching.

3.3.1.3 <u>Automatic stitching</u>. Automatic machines may be used to perform any of the stitch patterns provided the requirements for the stitch pattern, stitches per inch, and size and type of thread are met; and at least three or more tying, overlapping, or backstitches are used to secure the ends of the stitching.

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3.3.1.4 <u>Thread ends</u>. All thread ends shall be trimmed to 1/4 inch maximum length.

3.3.1.5 <u>Lubrication of thread</u>. There shall be no lubrication of the thread by any means, before or during sewing (see 4.3.2).

3.3.1.6 <u>Stitching margins</u>. Unless otherwise specified, all stitching margins shall be 1/8 inch.

3.3.2 <u>Fusing ends of nylon webbing</u>. All ends of nylon webbing shall be fused before assembly for stitching. The apparatus used to fuse webbing ends shall provide enough heat to create a smooth edge and with cut ends of all webbing yarns fused together.

3.3.3 <u>Location marks</u>. Location marks may be drilled, providing drill diameter does not exceed 0.076 inch (see 4.3.3). All drill holes shall be covered on the finished item. Printed markings shall be no more than 1/32 inch in width.

3.3.4 <u>Repairs</u>. Repairs such as mends, darns, patches, or splices are not permitted on any part of the case.

3.3.5 <u>Piecing</u>. No piecing or splicing of materials is allowed.

3.3.6 <u>Replacement of defective components</u>. During the spreading, cutting, and manufacturing process, components having material defects or damages that are classified as defects in 4.3.4.1 and 4.3.4.2 shall be removed from production and replaced with nondefective and properly matched components.

3.3.7 <u>Coated cloth surface</u>. The coated side of the cloth shall face the inside of the case except for the pocket and front panel, which shall have coated sides facing each other.

3.3.8 <u>Dimensions</u>. All dimensions except pattern sizes are finished dimensions.

3.4 <u>Permanent marking</u>. A Geneva Cross and national stock number shall be silk-screen printed on the outside of the case (see drawing MTDC-863 for placement). The marking medium for the cross and national stock number shall completely fuse to the cloth and remain flexible without cracking and crazing. The color of the cloth shall not be visible under the markings. The cross shall be a flat yellow that matches color 33538 of FED-STD-595, and shall measure 2-1/4 by 2-1/4 inches $\pm 1/16$ inch, with each arm of the cross $3/4 \pm 1/16$ inch wide. The national stock number shall be silk-screen printed in black 1/4-inch-high $\pm 1/16$ inch -0 inch letters and numbers. Markings shall conform to type IV, class 9 of DDD-L-20. Fastness of class 9 marking shall be as specified for class 5 marking.

3.5 <u>Deviations and waivers</u>. Deviations and waivers to the materials or construction specified herein shall not be allowed unless authorized in writing by the contracting officer.

3.6 <u>Workmanship</u>. All items shall conform to the quality of product established by this document. The occurrence of defects shall not exceed the applicable acceptable quality levels. There shall be no defects that affect use, appearance, or serviceability. 3.7 <u>Metric products</u>. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch/pound units, provided they fall within the tolerances specified using conversion tables contained in the latest revision of FED-STD-376, and all other requirements of this specification are met.

3.8 <u>Recovered materials</u>. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

4. QUALITY ASSURANCE PROVISIONS

4.1 <u>Responsibility for inspection</u>. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements (examinations or tests) as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his/her own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in this specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements.

4.1.1 <u>Responsibility for compliance</u>. All items shall meet all requirements of sections 3 and 5. The inspection set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in this specification shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling inspection as part of manufacturing operations is an acceptable practice to ascertain conformance to requirements, however, this does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to accept defective material.

4.1.2 <u>Responsibility for dimensional requirements</u>. Unless otherwise specified in the contract or purchase order, the contractor is responsible for ensuring that all specified dimensions have been met. When dimensions cannot be examined on the end item, inspection shall be made at any point or at all points in the manufacturing process necessary to ensure compliance with all dimensional requirements.

4.1.3 <u>Certification of compliance</u>. Unless otherwise specified, certificates of compliance supplied by the manufacturer of the item, component, or material, listing the specified test method and test results obtained, may be furnished in lieu of actual lot by lot testing performed by the contractor (see 4.3.2). When certificates of compliance are submitted, the Government reserves the right to check test such items to determine the validity of the certification.

4.2 <u>Sampling for inspections and tests</u>. Sampling for inspections and tests shall be made in accordance with ANSI/ASQC Z1.4. The inspection level and acceptable quality level (AQL) shall be as specified. All cases manufactured at one time shall be considered a lot for purposes of acceptance inspection and test. A sample unit shall be one complete case. 4.3 <u>Quality conformance inspection</u>. Each end item lot shall be sampled and inspected as specified in 4.3.4.1 and 4.3.4.2. Unless otherwise specified (see 6.2), the first articles submitted in accordance with 3.1 shall be inspected as specified in 4.3.4.1 and 4.3.4.2. The presence of any defect or failure to pass any test shall be cause for rejection of the first article.

4.3.1 <u>Component and material inspection</u>. In accordance with 4.1, components and materials shall be inspected in accordance with all the requirements of referenced documents, drawings, and standards unless otherwise excluded, amended, modified, or qualified in this specification or applicable purchase document.

4.3.2 <u>Certification</u>. Unless otherwise specified (see 6.2), as part of first article presentations and lot inspections, it shall be acceptable for the contractor to provide certificates of compliance for all materials and components in lieu of actual lot by lot testing, except as specified in 4.3.2.1. In addition, when the contractor changes component or material suppliers, a new certification based on actual test results shall be required. All certificates shall include as a minimum:

Product description, including specification, type, class, and form when applicable Quantity purchased Date of manufacture Purchase source, address, and telephone number Purchase date Lot number traceable to materials used in production Contract number

The contractor shall indicate the type of nylon used for the basic cloth. The contractor shall also furnish a certificate of compliance for the requirement of 3.3.1.5 prohibiting use of thread lubricants before or during sewing.

4.3.2.1 <u>Test values</u>. The contractor shall provide actual test values for the characteristics of the basic cloth (3.2.1) cited in Forest Service specification 5100-86 for each new lot of cloth purchased. Such test reports, traceable to each lot of component materials used in production of the case, shall be maintained at the inspection point specified in the contract. Copies of these test reports shall be made available to the Government representative upon request.

4.3.3 <u>In-process inspection</u>. Inspection shall be made at any point or during any phase of the manufacturing process to determine whether cut lengths and cut parts, markings for location of components, and location of assembled component parts are in accordance with specified requirements. Inspection shall be made to determine that holes drilled for location marking do not exceed 0.076-inch diameter and are placed in such a manner that each shall be covered in the finished item (see 3.3.3). Components that cannot be corrected shall be removed from production.

4.3.4 End item examination.

4.3.4.1 <u>End item visual examination</u>. The end items shall be examined for the defects listed in table I. The inspection level shall be I and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 4.0 for major defects and 15.0 for combined major and minor defects. Unless otherwise specified, defects shall be scored on an individual basis, i.e., each seam, each stitching end, each dimension, etc.

| | | | Classif | ication |
|----------------------|--------|---|---------|---------|
| Examine | | Defect | Major | Minor |
| Cloth, nylon duck | | Not type specified Any abrasion mark, smash, slub, broken or missing yarn, multiple floats, or open place, clearly visible at normal inspection | x | |
| | | distance (3 feet) | X | |
| | | Needle chew | Х | |
| | NOTE : | Needle holes visible as the result of broken or skipped stitching or stitching that has been removed shall not be considered as needle chews providing that the holes are spaced as in normal stitching. | | |
| | | Color not as specified Shade bar, fine or coarse filling | Х | |
| | | Bar Coated side of cloth not facing | | Х |
| | | inward where specified Coating defective or partially | Х | |
| | | omitted on nylon cloth | | Х |
| Webbing | | Size type, or class not as | | |
| | | Specified | Х | |
| | | Color not as specified | х | Х |
| | | Any hole, cut, tear, or smash Abrasion mark, slub, broken end, | л | |
| | | or pick | | Х |
| | | Cut ends not fused or not fused as specified | | Х |
| | | Not firmly and tightly woven | Х | А |
| | | Edges frayed or scalloped | Х | |
| | | Multiple floats | | Х |
| Keeper webbing | | Not type, size, or color specified | Х | |
| Fastener tape | | Type, size, class, or location | | |
| | | not as specified | Х | |
| | | Color not as specified | | Х |
| | | 8 | | |

| TABLE | Ι. | End | item | visual | defects |
|-------|------------|------|-------|-------------|---------|
| | — • | 1110 | ± 0 0 | 1 2 0 0.0.2 | 0.01000 |

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| | | | ication |
|-------------------|--|-------|---------|
| Examine | Defect | Major | Minor |
| Slide fastener | Time gize or geler net ag | | |
| Slide lasteller | Type, size, or color not as Specified | х | |
| | | Δ | |
| | Does not provide a smooth and secure closure full length of case | х | |
| | Slider jams or fails to interlock | Δ | |
| | - | х | |
| | chain scoops Any portion of fastener broken, bent, | Δ | |
| | missing, or not aligned, making | | |
| | fastener unusable | v | |
| | | Х | |
| | Slide fastener tape not specified | v | |
| | Width | X | |
| | Slider not specified type | X | |
| | Slider not attached as specified | Х | |
| | Chain not material or configuration | 37 | |
| | Specified | Х | |
| NOTE : | Each slide fastener shall be fully | | |
| NOIE: | closed and opened three times to | | |
| | determine whether fastener operates | | |
| | smoothly and provides a secure | | |
| | closure. | | |
| | ciosaie. | | |
| | Length not as specified | х | |
| | Components not all manufactured by | | |
| | same company | х | |
| | Same company | | |
| Thread | Type, class, or size not as specified | Х | |
| | Any thread lubricated | | Х |
| | Color not as specified | | Х |
| | | | |
| Hardware, general | Any part broken, cracked, chipped, | | |
| | distorted, twisted, or out of | | |
| | shape | Х | |
| | Any dirt or flash | | Х |
| | Any deep scratch or gouge | | Х |
| | Gates not trimmed | | Х |
| | Surface not smooth | | Х |
| | Any pit, void, crazing, air pocket, | | |
| | blister, or imbedded foreign matter | | |
| | that affects serviceability | Х | |
| | Evidence of spray or jetting marks | х | |

| TABLE I. End item visual defects - Continued | TABLE I. | End item | visual | defects | _ | Continued |
|--|----------|----------|--------|---------|---|-----------|
|--|----------|----------|--------|---------|---|-----------|

| | | | Classif | ication |
|---------------------|--------|--|---------|---------|
| Examine | | Defect | Major | Minor |
| - 11 | | | | |
| Buckle | | Type, size, or color not as specified | Х | |
| | | Mating components not from same | | |
| | | Manufacturer | X | |
| | | Latch and latch receptacle do not mate | Х | |
| | | Webbing incorrectly threaded | | |
| | | through male buckle | Х | |
| | | Male buckle upside down | Х | |
| NC |)TE: | Plastic buckle shall be latched | | |
| | | and unlatched three time to determine | | |
| | | whether it operates smoothly and | | |
| | | provides a secure closure. | | |
| | | provides à secure closure. | | |
| Slide and webbing | | Webbing incorrectly threaded | | |
| 2 | | through slide | Х | |
| | | | | |
| Seams and stitching | g: | | | |
| Open seam | | 1/2 inch or less | | Х |
| | | More than 1/2 inch | Х | |
| Ν | JOTF: | A seam shall be classified as | | |
| - | IOIL I | an open seam when one or more | | |
| | | stitches joining a seam are | | |
| | | broken or when two or more | | |
| | | continuous skipped stitches or | | |
| | | run-offs occur. On double | | |
| | | | | |
| | | stitched seams, a seam shall be | | |
| | | considered open when either one | | |
| | | or both sides of the seam are open. | | |
| Raw edge | | More than 1/2 inch when | | |
| (on edge required | ł | securely caught in stitching | | Х |
| to be finished) | | | | |
| Ν | JOTE : | Raw edge not securely caught in | | |
| | | stitching shall be classified | | |
| | | as an open seam. | | |
| Run-off (see open | | | | |
| seam) | | | | |
| Seam and stitch | | Seam or stitch type not as | | |
| type | | specified | Х | |
| - 2 1 | | ··· · · · · · · · · · · · · · · · · · | | |

| TIDDD I. DIA ICCA VIDAAI ACICCCD CONCINACA | TABLE I. | End ite | m visual | defects | _ | Continued |
|--|----------|---------|----------|---------|---|-----------|
|--|----------|---------|----------|---------|---|-----------|

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| | | | ication |
|------------------------------|---|-------|---------|
| Examine | Defect | Major | Minor |
| Bartacks | Any bartack omitted Any bartack not as specified | Х | |
| | or not in specified location Stitching loose, incomplete, | | Х |
| | or broken | | Х |
| Stitch tension | Loose, resulting in a loose | | |
| | bobbin or top thread Excessively tight, resulting in | | Х |
| | puckering of material | | Х |
| Stitches per inch | Up to two stitches less than | | 37 |
| | minimum specified Three or more stitches less | | Х |
| | than minimum specified Two or more stitches in excess | Х | |
| | of maximum specified | | Х |
| : | NOTE: Variation in the number of | | |
| | stitches per inch caused by the operator speeding up the machine and pulling the fabric in order to | | |
| | sew over heavy seams or in turning corners, shall be classified as | | |
| | follows: (a) Within the minor defect | | |
| | classification - no defect (b) Within the major defect | | |
| | classification - minor defect | | |
| Stitch margin | Exceeds specified tolerance, | | |
| (not otherwise classified | up to 1/16 inch Exceeds specified tolerance, | | Х |
| herein) | over 1/16 inch | Х | |
| : | NOTE: Defects to be scored only when the condition exists for 4 inches | | |
| | or more or in several areas with an accumulated distance of 8 | | |
| | inches or more. Applicable to individual seams. | | |
| Stitching ends | Not secured as specified | | Х |

TABLE I. End item visual defects - Continued

11

| | | Classif | |
|--|---|-------------|--------|
| Examine | Defect | Major | Minor |
| Thread breaks, skipped stitches or run-offs (unless otherwise classified herein) | Not overstitched as specified | | Х |
| NOTE : | Thread breaks or two or more consecutive skipped stitches or run-offs not overstitched shall be classified as open seams. | | |
| Rows of stitching | <pre>Any row missing except on box stitching On box stitching: - One row of stitching omitted; - Two or more rows of stitching omitted</pre> | X X | Х |
| Components and Assembly | Any component part omitted or not as specified or any operation omitted or not as specified (unless otherwise classified herein) Needle chews Any mend, darn, patch, splice, or other unauthorized repair Any material pleated or caught in stitch line where not specified | X X X | X |
| Piecing | Any piecing or splicing | Х | |
| Cleanness | Grease, oil, dirt, ink, or other stains clearly noticeable Thread ends not trimmed as | | Х |
| | Specified | | Х |
| Location Markings | Drill mark exceeding size specified Drill mark not covered on finished Item | | X X |
| | Printed marking more than 1/32 inch in width or not covered by component part | | X |
| Markings: cross and NSN | Omitted, incorrect, illegible, misplaced, or size of cross or characters not as specified Cloth color visible under markings | X | х |

4.3.4.2 End item dimensional examination. End items shall be examined for the defects listed in table II. Only those dimensions that can be evaluated without damaging or disassembling the end items shall be examined. The inspection level shall be S-3. An AQL, expressed in terms of defects per hundred units, shall be 6.5 for major defects and 15.0 for combined major and minor defects.

| | | Classif | ication |
|---|---|---------|---------|
| Examine | Defect | Major | Minor |
| Dimensions (overall) | <pre>Smaller than nominal dimensions less applicable minus tolerance indicated on drawings, but not smaller than nominal dimensions less twice the applicable minus tolerances Smaller than nominal dimensions less twice the applicable minus tolerance Larger than nominal dimensions and applicable plus tolerance</pre> | x | x x |
| Component and location dimensions (not otherwise class- ified herein) | Not within specified tolerance | | Х |
| Box stitching | Dimensions not as specified | | Х |
| Stitch margin and gauge | Not within specified tolerance | | Х |

TABLE II. End item dimensional defects

5. PACKAGING. Packaging and packing for the belt first aid kit cases shall be as specified in the contract or purchase order.

6. NOTES

6.1 <u>Intended use</u>. This case is designed to carry the contents of the belt first aid kit (type IV) covered by Forest Service specification 6170-6.

6.2 <u>Acquisition requirements</u>. Acquisition requirements shall be as specified in the contract or purchase order.

6.3 <u>Standard shade sample</u>. Standard shade samples for the bright red basic cloth may be obtained from the preparing activity (6.7).

6.4 <u>First article</u>. When first articles are required, they shall be inspected and approved under the appropriate provisions of Federal Acquisition Regulation 52.209. The first articles shall be preproduction samples consisting of three complete belt first aid kit cases. The contracting officer should specify the appropriate type of first article and the number of units to be furnished. The contracting officer should include specific instructions in all acquisition documents regarding arrangements for selection, inspection, and approval of the first articles.

6.5 <u>Suggested sources of supply</u>.

1-1/2-inch Nylon Webbing Elizabeth style no. 7270 Elizabeth Webbing P.O. Box 1168 Central Falls, RI 02863

Interlocking Slide Fastener YKK Co. 171 Rittenhouse Circle Keystone Industrial Park Bristol, PA 19007

Acetal Plastic Hardware ITW Waterbury 952 South Main St. Waterbury, CT 06721

American Cord & Webbing Co., Inc. 1 Carrington St. Lincoln, RI 02865

National Molding Corp. 5 Dubon Court Farmingdale, NY 11735-1065

6.6 <u>Notice</u>. When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever.

6.7 <u>Preparing activity</u>. USDA Forest Service, Missoula Technology and Development Center, Building 1, Fort Missoula, Missoula, MT 59804-7294.



Standardization Document **Improvement** Proposal

This form is provided to solicit beneficial comments that may improve this document and enhance it's use. Contractors, government activities, manufacturers, vendors, and users are invited to submit comments to:

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