MIL-F-27532A(USAF)
8 September 1971
SUPERSEDING
MIL-O-27532(USAF)
16 January 1962

MILITARY SPECIFICATION

FOOTWEAR COVERS, EXTREME COLD WEATHER SURVIVAL SRU-13/P

1. SCOPE

* 1.1 Scope. This specification covers the requirements for a down filled cold weather survival footwear cover.

* 1.2 Classification. The footwear cover shall be one type, one size, and two classes as specified (3.1.1.1 and 6.2).

Class 1 - USAF sage green shade 1511
Class 2 - Indian orange (Color Card Association Cable Number 70072)

2. APPLICABLE DOCUMENTS

* 2.1 The following documents, of the issue in effect on date of invitation for bids, form a part of this specification to the extent specified herein.

SPECIFICATIONS

Federal

C-F-160	Feathers, Waterfowl; And Down, Waterfowl
V-L-61	Laces, Nylon
V-T-295	Thread, Nylon
DDD-L-20	Label; For Clothing, Equipage, And Tentage (General Use)

Military

MIL-T-5038	Tape, Textile And Webbing, Textile, Reinforcing, Nylon
MIL-B-17757	Boxes, Fiberboard, Corrugated (Modular Sizes)
MIL-C-19002	Cloth, Coated, And Tape, Coated Cloth-Polychloroprene On Nylon, Pneumatic Life Preserver
MIL-C-26643	Cloth, Marquisette, Nylon
MIL-L-40069	Leather, Cattlehide, Chrome-Tanned Cold-Climate

STANDARDS

Federal

FED-STD-191	Textile Test Methods
FED-STD-751	Stitches, Seams And Stitchings

Military

MIL-STD-105	Sampling Procedures And Tables For Inspection By Attributes
MIL-STD-129	Marking For Shipment And Storage

DRAWING

Air Force

61B4020	Overboots, Survival, Arctic, Downfilled, Type SRU-13/P

(Copies of specifications, standards, drawings, and publications required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

* 2.2 Other publications. The following document forms a part of this specification to the extent specified. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply.

COLOR ASSOCIATION OF THE UNITED STATES, INC.

TCA Cable Numbers and Colors

(Copies of this publication may be obtained from the Color Association of the United States, Inc., 200 Madison Avenue, New York NY 10016.)

3. REQUIREMENTS

* 3.1 Material.

* 3.1.1 Outer shell and inner shell. The material for the inner and outer shells shall be rip-stop nylon cloth. The fabric shall be woven from 30 denier filament nylon in the warp and 60 denier filament nylon in the filling. The basic weave of the fabric shall be plain weave. The warp shall have 18 ends in each repeat with 14 ends weaving plain and 4 ends weaving as two. The filling shall have 13 picks on each repeat with 11 picks weaving plain and 2 picks weaving as one. The fabric shall be heat set, heavily calendered, and treated for water repellency. Nondurable types of water repellents, such as wax or aluminum or Zirconium soaps, shall not be used. Finishing agents shall be nontoxic. Manufacturer's certificate of compliance is acceptable for the finishing agents. The finished material shall meet the requirements specified in Table I.

* 3.1.1.1 Color. The color of the finished material shall be sage green USAF color shade 1911 for class 1, and Indian orange (Color Card Association Cable Number 70072) for class 2 (1.2 and 6.3).

* 3.1.1.1.1 Colorfastness. The colorfastness rating of the dyed material to light after 10 hours of exposure shall be fair when tested as specified in Table I.

* 3.1.1.1.2 Matching. The color shall match the approved shade under natural (north sky) daylight or artificial daylight having a color temperature of 7500 degrees Kelvin and shall be a good approximation to the approved shade under incandescent lamplight at 2800 degrees Kelvin.

TABLE I - PHYSICAL AND CHEMICAL REQUIREMENTS OF THE FINISHED MATERIAL

Characteristic	Requirement
Weight, oz/sq yard	1.6 ±0.1
Thread count, inch	
Warp	150 minimum
Filling	100 minimum
Breaking strength, lb	
Warp	65 minimum
Filling	60 minimum
Tear strength, lb	
Warp	2.5 minimum
Filling	2.5 minimum
Air permeability, cu ft/min/sq ft @ 1/2 inch water pressure differential	3.5 maximum
Water repellency	
Hydrostatic pressure, cm	60 minimum
Spray rating	90 minimum
Nonfibrous materials, %	2 maximum
pH	5.5 - 8.5
Residual shrinkage, %	
Warp	2 maximum
Filling	2 maximum
Colorfastness to light	fair
Weave	as specified (3.1.1)

* 3.1.2 Diaphragm. The material for the diaphragm shall be in accordance with MIL-C-26643. The color shall be natural.

* 3.1.3 Leather drawstring thong and sole. The leather for the drawstring thong and the sole shall conform to type I, selection A or B of MIL-L-40069 and shall be 2 to 3 ounces thick. The color shall be natural pearl chrome.

* 3.1.4 Coated cloth. The material for the outer shell of the down-filled sole shall conform to type I of MIL-C-19002 except coating may be 2.5 ounces per square yard, minimum, in lieu of 4 ounces.

* 3.1.5 Tape. The tape for the lace channeling shall conform to type III, 3/4 inch wide, natural color of MIL-T-5038.

* 3.1.6 Lacing. Except that the channeled lacing shall be 160 inches, plus or minus 1 inch, long, it shall conform to class 1 of V-L-61 and shall be 7/32 inch wide. The ends of the lacing shall be seared.

* 3.1.7 Down. The filling for the footwear cover shall be down conforming to type II, class 2, grade A of C-F-160.

* 3.1.8 Thread. The thread for all sewing operations shall conform to type I, class 1, size B of V-T-295. The color shall approximate the color of the basic material.

* 3.2 Design. The footwear cover shall consist of an outer shell and an inner shell of water-repellant treated, lightweight, nylon cloth insulated with down. The footwear cover shall be universally sized, and adjustment shall be accomplished by a channeled lacing positioned on the inner shell.

* 3.3 Construction. The footwear cover shall be constructed in accordance with Table II, but the manufacturer is not required to follow the exact sequence of operations as listed therein.

* 3.3.1 Stitches, seams, and stitchings. Unless otherwise specified in Table II, stitches, seams, and stitchings shall conform to FED-STD-751. Whenever two or more methods, seams, or stitches are specified for the same operation, any one of them may be used.

* 3.3.1.1 Stitches per inch. The range of stitches per inch specified in Table II shall be interpreted to mean the minimum and maximum number permitted.

* 3.3.1.2 Ends of stitches and thread breaks. When not caught in other seams or stitches, all ends of stitchings shall be securely backstitched with a continuous stitch for not less than 1/2 inch. Thread breaks shall be backstitched not less than 1/2 inch.

* 3.3.2 Tolerances. The tolerances for dimensions under 1/2 inch shall be plus 1/16 inch or minus 0 inch, and the tolerances for dimensions 1/2 inch and over shall be plus or minus 1/8 inch.

3.4 Patterns. The dies or patterns for cutting all parts of the footwear cover shall be furnished by the contractor and shall be of the proper proportions to provide good fitting. The manufacturer's working patterns shall be identical in size and shape to the patterns referenced on Drawing 61B4020. The working patterns shall be duplicates of the Government patterns which show size, directional lines, and notches for proper assembly of all parts.

* 3.5 Combination label. Each footwear cover shall have a combination identification and instruction label in accordance with classes 1 and 3 combined, type 1 of DDD-L-20. The ink used shall be black, water resistant, and shall show good resistance to crocking, both dry and wet, when tested in accordance with applicable test methods specified in FED-STD-191. The label shall contain the following information:

TABLE II - SEWING OPERATIONS

No.	Description of Operation	Stitch Type	Seam and Stitching Type	Stitches Per Inch
1.	CUTTING. The footwear covers shall be cut in strict accordance with furnished pattern drawings that show size, shape, notches, directional lines, and markings for proper assembling of all parts.			
2.	SHADE MARKING. All parts shall be marked to insure a uniform shade throughout the footwear covers. Metal fastening devices or sewn-on tickets shall not be used for shade marking. Adhesive tickets may be used provided that the adhesive shall not discolor the material and that the adhesive mass shall not adhere to the material when the tickets are removed.			
3.	ATTACH CHANNEL TAPES. Join tapes to the inner shell of the footwear covers pattern marks, with a single row of stitching, 1/8 inch from edge, leaving the ends open to form a channel for a drawstring. The two top tapes shall be folded at the center pattern marks, omitting stitching on the inner edge of the tape. Skip stitching when joining the second cross tape at the center, for approximately 1-1/2 inches.	301	SSau-2	10-12
4.	JOIN DIAPHRAGM TO INNER SHELL AND OUTER SHELL. Form the channels by stitching the diaphragm alternately to the inner shell and the outer shell from bottom to top. The channels shall be distributed as shown by the pattern notches.			
	a. Join the diaphragm to the outer shell at the first notch up from the bottom, folding 1/4 inch under, and sew with a single row of stitching, 1/16 inch from the folded edge.	301	LSd-1	10-12

TABLE II - SEWING OPERATIONS (Cont'd)

No.	Description of Operation	Stitch Type	Seam and Stitching Type	Stitches Per Inch
	NOTE: When sewing the diaphragm to inner shell to form the channels, take tucks about 3/8 inch, evenly spaced to take up differential in size, since the outer shell and the diaphragm are same in circumference, and the inner shell is smaller.			
	b. Join the diaphragm, at the first notch from the bottom, to the inner shell, at the first notch from the bottom, with a single row of stitching.	301	SSa-1	10-12
	c. Join the diaphragm, at the second notch from the bottom, to the outer shell, at the second notch from the bottom, with a single row of stitching.	301	SSa-1	10-12
	d. Join the diaphragm, at the third notch from the bottom, to the inner shell, at the second notch from the bottom, with a single row of stitching.	301	SSa-1	10-12
	e. Locate the combination label as specified in 3.5.1 and stitch the label to the outside of the outer shell.	301	SSa-1	10-12
	f. Join the top edge of the diaphragm to the outer shell at the third notch from the bottom, with a single row of stitching, 1/16 inch from the folded edge. Fold 1/4 inch under.	301	LSd-1	10-12
5.	JOIN OUTER SHELL AT FRONT. Join from the top to the bottom, inside out, with a single row of stitching, 1/2 inch from the edge.	301	SSa-1	10-12
6.	JOIN INNER SHELL AT FRONT. Fold 1/2 inch to the inside, and join with a single row of stitching, 1/8 inch from the folded edge, from the bottom edge up to 3 inches and from top edge down 3 inches. Leave the remainder open for down filling.	301	SSc-1	10-12

TABLE II - SEWING OPERATIONS (Cont'd)

No.	Description of Operation	Stitch Type	Seam and Stitching Type	Stitches Per Inch
7.	JOIN INNER SHELL AND OUTER SHELL AT BOTTOM. Join around the bottom edge, with a single row of stitching, 1/4 inch from the edge.	301	SSa-1	10-12
8.	HEM TOP OF FOOTWEAR COVER. Double hem the top 1/4 inch to the inside, with a single row of stitching, 1/16 inch from the edge.	301	SSp-1	10-12
9.	SOLE ASSEMBLY. Join the inner sole to the coated fabric sole, with a single row of stitching, 3/8 inch from the edge, with the coated side out. Leave 3 inches open for down filling. Make tucks, evenly spaced, in inner sole since inner sole is larger in circumference.	301	SSa-1	10-12
10.	DOWN FILL. Record in ink or indelible pencil the weight of the unfilled footwear cover on an attached commercial type tag. Fill each tube and sole channel with down. The total weight of the fill shall be 3.75 ounces, plus or minus 1/4 ounce, distributed proportionately among the channels. a. Record weight of filled footwear cover on the weight tag. The supplier shall not remove the weight tag.			
11.	CLOSE REMAINDER OF FOOTWEAR COVER INNER SHELL. Turn 1/2 inch to the inside, and join with a single row of stitching, 1/8 inch from the folded edge, overlapping 1/2 inch at the top and the bottom the stitching made in No. 6.	301	SSc-1	10-12
12.	Overedge stitch or serge the bottom of the footwear cover and the down filled insole separate.	503 or 504	EFd-1	12-14

TABLE II - SEWING OPERATIONS (Cont'd)

No.	Description of Operation	Stitch Type	Seam and Stitching Type	Stitches Per Inch
13.	JOIN LEATHER SOLE TO DOWN-FILLED INSOLE. Place the coated side of the insole on the grain side of the leather sole, and join with a single row of stitching, 3/8 inch from the edge.	301	SSa-1	10-12
14.	JOIN FOOTWEAR COVERS TO SOLES. Place the leather sole next to the outer shell, and join with a single row of stitching, 3/8 inch from the edge.	301	SSa-1	10-12
15.	DRAWSTRING THONG. Join the thong to the footwear cover inner shell, centered across the front seam and on the drawstring channel tape, and sew with a single row of stitching, 1/16 inch from the top and the bottom edge. The pull tab shall be to the top. Sew through the inner shell and the outer shell.			
16.	DRAWSTRING. Start at the front of the footwear cover toe, and thread 1/2 of the drawstring through the right front tape channel and the back tape channel. Next thread through the second tape channel from the bottom on the left. Continue across the instep through the third tape channel on the right side and the fourth tape on the left. Continue across the instep through the fifth tape on the right, cross back and through the top left tape channel and out the hole in the thong. Reverse the procedure for the other half of the drawstring. a. Knot each end of the drawstring. b. Turn the footwear cover right side out.			

Footwear Cover, Extreme Cold Weather Survival, Type SRU-13/P
MIL-F-27532(USAF) - Stock No. *
Manufacturer's Name or Trademark - Order No. *

Instructions for use: After unpacking, fluff up the footwear covers. Insert shoe and wool pile oversock. Reach down inside of footwear covers and expose laces on instep. Pull these laces up so that lace around foot shirrs tightly around sole of the shoe. Pull drawstrings at top to make footwear covers snug around rest of leg. Tie a slip knot close to leather thong. To remove, insert hands along leg and spread apart as far down as instep. Slip sole lacing off heel without disturbing adjustment. For sleeping, remove leather shoes from the footwear covers.

* The manufacturer shall insert the applicable information.

* 3.5.1 Location of combination label. The combination label shall be located on the left front side of the footwear cover. The label shall be attached upside down such that it may be read after the footwear cover is donned. The side edge of the label shall be 1-2 inches from the front vertical seam of the footwear cover and the bottom edge of the label shall be located 4-6 inches below the top edge of the footwear cover.

* 3.5.2 Content label. A label conforming to state requirements for items containing down or feathers shall be attached at the foot end of the footwear covers.

* 3.5.3 Finished measurements. Finished measurements shall conform to Table III.

3.6 Workmanship. The finished footwear covers shall be clean and well made, shall have all thread ends trimmed, and shall be free from any defects that might affect appearance or serviceability.

TABLE III - FINISHED MEASUREMENTS (INCHES)

Measurements 1/	Tolerances	
	Plus	Minus
Sole length 15-1/2	1/4	1/4
Width of footwear cover 15-5/8	1/4	1/4
Height of footwear cover 20	1/2	1/2

1/ NOTES:

1. The measurement of the sole length shall be taken along the centerline of the long axis of sole from heel seam to toe seam.

2. The measurement of the width of footwear cover shall be taken along a line from front seam to back seam, 6 to 8 inches below and parallel to the top edge (entrance) of footwear cover with the footwear cover flattened.

3. The measurement of the height of the footwear cover shall be taken along a line midway of the front and back seams from the top edge (entrance) of the footwear cover to the sole seam with the footwear cover flattened.

4. Loosen drawstring prior to taking measurements.

4. QUALITY ASSURANCE INSPECTION

* 4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the supplier may use his 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 the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

* 4.1.1 Certificate of compliance. 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 Inspection. Sampling for inspection shall be performed in accordance with MIL-STD-105, except where otherwise indicated herein.

* 4.2.1 Component and material testing. Components shall be tested in accordance with all the requirements of referenced specifications, drawings, and standards, unless otherwise excluded, amended, modified or qualified in this specification or applicable purchase document. In addition, testing shall be performed on the base fabric listed in Table IV for characteristics noted. The methods of testing specified in FED-STD-191, wherever applicable, and as listed in Table IV shall be followed. Where the "determinations per sample unit" or "results reported as" are not specified, they shall be as indicated in the applicable test method. All requirements are applicable to the sample unit. All test reports shall contain the individual values used in expressing the final results.

* 4.2.1.1 Sampling for testing of fabrics. Unless otherwise specified in a subsidiary specification, the sampling for testing of fabrics shall be in accordance with Table V. The lot shall be unacceptable if one or more sample units fail to meet any test requirements specified. The lot size shall be expressed in yards. The sample unit for the base fabric shall be 3-1/2 yards full width.

* 4.2.1.2 Sampling for testing of other components. Unless otherwise specified in a subsidiary specification, sampling for testing of other components shall be in accordance with inspection level S-1 and an AQL of 6.5 defects per 100 units. Sample units shall be one (1) pound of down and one (1) each label unless otherwise specified.

* 4.2.2 Intermediate inspection. Inspection of the unfilled footwear covers shall be made to verify the weight of the casings recorded by the supplier on the tag attached to each footwear cover. This inspection shall be performed prior to filling footwear cover with down. The sample unit for these examinations shall be one unfilled footwear cover. The defects found during these examinations shall be in accordance with 4.2.2.1.

TABLE IV - TESTING OF BASE FABRICS

Characteristic	Test Method
Weight	5041
Thread Count	5050
Breaking Strength	5100
Tearing Strength	5134
Air Permeability	5450
Hydrostatic Pressure	5514
Spray Rating	5526
Residual Shrinkage	5552
pH	2811
Colorfastness to light 1/	5660
Nonfibrous Material	2611
Weave	Visual 2/

1/ Exposure time - 10 hours.

2/ One determination shall be made on each sample unit and the result reported as "pass" or "fail."

TABLE V - Sample Size

Lot Size	Sample Size
800 or less	2
801 to 22,000 inclusive	3
22,001 and up	5

* 4.2.2.1 Examination for weight of unfilled casing.

Examine	Defect	Classification	
		Major	Minor
NOTE: Utmost care shall be taken to see that scales used to perform this examination are properly calibrated and accurate.			
Weight	In excess of weight indicated on tag:		
	-by 1/4 ounce or less		X
	-by more than 1/4 ounce	X	

* 4.2.3 Examination of end item. The sample unit shall be one complete footwear cover. The lot size shall be expressed in units of one footwear cover.

* 4.2.3.1 Classification of defects. Defects shall be classified in accordance with the lists in 4.2.3.2 and 4.2.3.3.

* 4.2.3.2 Defects. Defects shall be classified as follows:

	Classification		
	Major	Minor	
		A	B
1. Material defects and workmanship damages.			
a. Any weakening defect such as a smash, multiple float, loose slub, et cetera that may develop into a hole.	X		
b. Shade bars, slubs, dye or finishing streaks.		X	
c. Hole, scissor or knife cut, tear, mend, or burn or a needle chew that may develop into a hole.	X		
d. Ruptured fibers in the line of sewing (usually caused by broken, blunt, or hooked needles), affecting appearance or serviceability.		X	
2. Shade parts			
a. Any outside part shaded		X	
3. Cleanness			
a. Spots or stains of a permanent nature.		X	
b. Removable spot or stain, clearly noticeable.			X
c. Thread ends not trimmed or loose threads not removed.			X
d. One or more shade tickets not removed.			X
e. Shade marking of an obvious permanent nature exposed or visible on outside of footwear cover (score only when conspicuously located so that it is clearly noticeable).		X	
4. Cutting			
a. Any component not cut in conformance with directional lines indicated on patterns or in accordance with specification requirements.	X		
5. Component and assembly			
a. Unless otherwise classified herein, any component part or required operation omitted.	X		
6. Seams and stitching			
a. Accuracy of seaming.			
(1) Part of footwear cover caught in any unrelated operation or stitching.		X	

	Classification		
	Major	Minor	
		A	B
(2) Unless specifically classified otherwise, seams twisted, puckered, or pleated.		X	
(3) Thread break(s) or end(s) of stitching (stitch type 301) not backstitched when not caught in other seams or stitching.			X
(4) Thread(s) not same shade or not satisfactorily matching shade of footwear cover.		X	
b. Gage of stitching (edge, top, or raise stitching) very uneven, not within required range, or varies more than 1/16 inch when no range is specified.			X
c. Open seams. Except on edge or raise stitching, a break in a line of stitching or continuously skipped or run-off stitches constitutes an open seam.			
(1) Any open seam (on seams that would allow escape of down from footwear cover)	X		
(2) On all other seams			
-1/4 inch or less			X
-over 1/4 inch to and including 1/2 inch		X	
-over 1/2 inch	X		
d. Stitches skipped or broken on raise or edge stitching when seam is seamed, turned, and stitched.			
-1/4 inch to and including 3/4 inch			X
-over 3/4 inch		X	
e. Raw edges. Raw edges not securely caught in stitching shall be classified as an open seam.			
-1/2 inch to and including 1 inch			X
-over 1 inch		X	
f. Run-offs			
(1) On joining seams, when resulting in an open seam, score as an open seam.			
(2) On raised or topstitching when not resulting in an open seam (outside only)			
-1/2 to 1 inch inclusive			X
-over 1 inch		X	
g. Seam and stitch types not as specified.		X	
h. Stitch tension. Puckering is evidence of tight tension. When puckering is evident, seam shall be tested by exerting normal pull in lengthwise direction or seam.			
(1) Loose tension resulting in a loose seam.	X		
(2) Loose tension on raised or edge stitching, resulting in loosely exposed loops of lower or top thread.		X	

	Classification		
	Major	Minor	
		A	B
(3) Tight tension, i.e., stitches break when normal strain is applied, classify as an open seam.			
i. Stitches per inch. To be scored only when the condition occurs on the major portion of seam.			
(1) Less than minimum specified			
-one stitch			X
-two stitches		X	
-three or more stitches	X		
(2) Any number of stitches in excess of maximum specified.			X
7. Label			
a. Missing, incorrect or illegible	X		
b. Not located as specified		X	
c. Not upside down as specified		X	

* 4.2.3.3 Examination for weight and dimensions of filled footwear cover.

Examine	Defect	Classification Major	Classification Minor
Filled footwear cover for required weight of down	More than 1/4 ounce under the total weight of required down.	X	
	1/4 ounce or less under the total weight of required down		X
Finished measurement	Any finished measurement and tolerance deviating from the nominal measurements and tolerances specified in Table III	X	

NOTE 1: The weight of down shall be as specified.

NOTE 2: To determine weight of mixture blown into the footwear cover, deduct the weight of unfilled footwear cover noted on tag from total weight of filled footwear cover.

NOTE 3: Inspection for weight of filled footwear cover shall be performed immediately following the closing operation. No sample shall be selected for weight inspection if more than 1-1/2 hours have elapsed between the filling and closing operation.

* 4.2.3.4 Inspection levels and acceptable quality levels. Inspection levels and acceptable quality levels (AQLs) expressed in defects per 100 units (DHU).

	AQL	Inspection Level
For 4.2.3.2		II
Major	2.5	
Major, Minor A (Combined)	6.5	
Totals (Major, Minor A and Minor B, Combined)	15.0	
For 4.2.3.1		I
Major	1.5	
Minor	6.5	
For 4.2.3.3		I
Major	1.5	
Minor	6.5	

* 4.2.4 Examination of preparation for delivery requirements. An examination shall be made to determine that the packaging, packing and marking requirements of Section 5 of this specification are complied with. Defects shall be scored in accordance with the list below. The sample unit shall be one shipping container fully prepared for delivery with the exception that it need not be sealed. Defects of closure listed below shall be examined on shipping containers fully prepared for delivery. The lot size shall be the number of containers in the end item inspection lot. The inspection level shall be S-2 and the AQL shall be 2.5 defects per hundred units.

Examine	Defect
Marking (exterior and interior)	Omitted, incorrect, illegible, of improper size, location, sequence or method of application
Materials	Any component missing Any component damaged, affecting serviceability
Workmanship	Inadequate application of components, such as: incomplete closure of case liners, container flaps, loose strapping, inadequate stapling Bulging or distortion of containers
Content	Number of intermediate packages is more or less than required.

5. PREPARATION FOR DELIVERY

* 5.1 Packaging. Packaging shall be level A or C as specified (see 6.2).

* 5.1.1 Level A. Each pair of properly mated footwear covers shall be tied together by the laces with a separation allowance between the footwear covers of approximately ten inches.

* 5.1.2 Level C. Footwear covers shall be packaged to afford adequate protection against physical damage during shipment from the supply source to the first receiving activity. The supplier may use his standard practice when it meets the requirements of this level.

* 5.2 Packing. Packing shall be level A, B or C, as specified (see 6.2).

* 5.2.1 Level A. Sixteen footwear covers shall be packed flat, with every other footwear cover reversed, in a fiberboard shipping container assembled, closed and reinforced to conform to weather-resistant class, size 2A of MIL-B-17757.

* 5 2.2 Level B. Sixteen footwear covers shall be packed flat, with every other footwear cover reversed, in a fiberboard shipping container assembled and closed to conform to domestic class, size 2A of MIL-B-17757.

* 5.2.3 Level C. Footwear covers shall be packed in a manner that will insure acceptance by the carrier and safe delivery at destination. Shipping containers shall conform to the rules of carriers and to the regulations applicable to the mode of transportation.

* 5.3 Marking. In addition to any special marking required by the contract or order, the interior and exterior markings shall be marked in accordance with MIL-STD-129.

6. NOTES

* 6.1 Intended use. The footwear cover covered by this specification is a component part of a cold weather survival clothing assembly that is vacuum packed in survival kits for the use of flight personnel.

* 6.2 Ordering data. Procurement documents should specify the following:

a. Title, number, and date of this specification.

b. Class required (1.2).

c. Selection of applicable levels of packaging and packing (see 5.1 and 5.2).

* 6.3 Color samples. Samples of USAF color shade 1511 may be obtained from the procuring activity or as directed by the contracting officer.

* 6.4 Figure. Figure 1 shows general style and is for information only.

* 6.5 The margins of this specification marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Custodian:
Air Force - 82

Review Activity:
Air Force - 82

Preparing Activity:
Air Force - 82

Project NO. 8415-F627

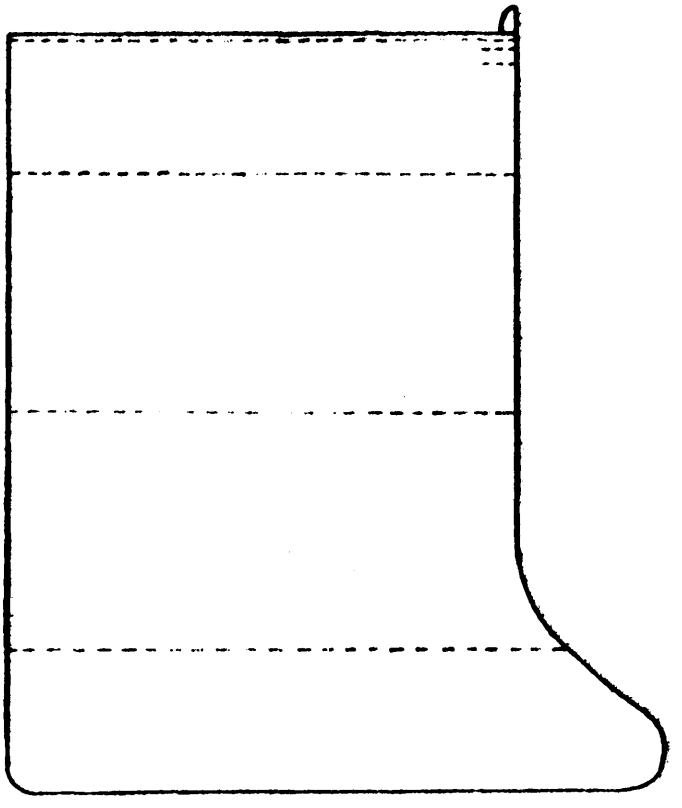

FIGURE 1 - OVERBOOT

SPECIFICATION ANALYSIS SHEET

Form Approved
Budget Bureau No. 22-R255

INSTRUCTIONS: This sheet is to be filled out by personnel, either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments and suggestions submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or serve to amend contractual requirements.

SPECIFICATION

ORGANIZATION

CITY AND STATE

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

☐ DIRECT GOVERNMENT CONTRACT ☐ SUBCONTRACT

1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A. GIVE PARAGRAPH NUMBER AND WORDING.

B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES

2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID

3. IS THE SPECIFICATION RESTRICTIVE?

☐ YES ☐ NO *(If "yes", in what way?)*

4. REMARKS *(Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)*

SUBMITTED BY *(Printed or typed name and activity — Optional)*

DATE

DD FORM 1 JAN 68 1426

REPLACES EDITION OF 1 OCT 64 WHICH MAY BE USED.

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POSTAGE AND FEES PAID

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OFFICIAL BUSINESS

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KELLY AFB, TEXAS 78241

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