

Phone: (401) 762-5500 Email: ACWCO@acw1.com MIL-T-5608G

3 March 1971

SUPERSEDING
MIL-T-5608F(ASG)
9 July 1965

MILITARY SPECIFICATION

TAPE, TEXTILE: WEBBING TEXTILE

This specification is mandatory for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

- 1.1 Scope. This specification covers five classes of nylon tapes used in the fabrication of canopies of ribbon parachutes.
- 1.2 <u>Classification</u>. The tapes shall be furnished in the various classes and types indicated in Table I, as specified (see 6.2).

2. APPLICABLE DOCUMENTS

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

SPECIFICATIONS

Military

MIL-W-43334

Webbing And Tape, Textile, Packaging

And Packing Of

STANDARDS

Federal

FED-STD-191 FED-STD-595 Textile Test Methods

Colors

Military

MIL-STD-105

Sampling Procedures And Tables For Inspection By Attributes

(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 herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply.

Rules And Regulations Under The Textile Fiber Products Identification Act

(Application for copies should be addressed to the Federal Trade Commission, Washington DC 20580.)

REQUIREMENTS

- * 3.1 Material. The nylon used in the manufacture of class A tapes shall be semi-dull, normal tenacity, light-resistant yarns. The nylon used in the manufacture of classes B, C, D, and E shall be bright, high-tenacity, heat- and light-resistant yarns. The nylon yarns used for all classes shall be polyamide prepared from hexamethylene diamine and adipic acid or its derivatives and shall have a minimum melting point of 244°. Centigrade (C) when tested in accordance with method 1534 of FED-STD-191. The yarn shall not be bleached in any manner or process (see 4.2.3.3).
 - 3.1.1 Twist. The warp and filling yarn for classes A, B, and C shall have 10 turns ±1 turn of "Z" twist per inch. For class D, all types, and class E, types I, II, III, and IV, the warp yarns shall have 1 turn ±1/2 turn of "Z" twist per inch, and the filling yarns shall have a minimum of 2-1/2 turns of "S" twist per inch: For class E, types V and VI, the warp and filling yarns shall have a minimum of 2-1/2 turns of either "S" or "Z" twist per inch.
 - 3.1.2 Fiber identification. Each spool of tape shall be labeled or ticketed, and invoiced for fiber content in accordance with the rules and regulations under the Textile Fiber Products Identification Act (see 4.2.2.2.1).

3.2 Weave.

- 3.2.1 Body. Unless otherwise specified, the body weave shall be a conventional two-up and two-down, right-hand twill, except that for class E, type VI, the warp ends shall weave two ends as one.
- 3.2.2 <u>Selvage</u>. Unless otherwise specified, the selvage weave for classes A, B, and C shall be a double weave of a conventional hatband type. For classes D and E, there shall be no additional selvage ends.
- 3.3 Physical and chemical properties. The physical and chemical properties of the finished tape shall conform to Table I and 3.3.1 through 3.3.4.
- 3.3.1 Acidity-alkalinity (pH). The pH value of the finished tape shall be within the range of 5.0 to 9.0, when tested as specified in 4.2.3.
- 3.3.2 Color. Unless otherwise specified, the color shall be natural, except for class B, type VI, which shall be dyed international orange, color No. 12197 of FED-STD-595, and class C, type V, which shall be yarn- or piece-dyed yellow, Air Force color No. 1365 (see 6.2).
- 3.3.2.1 Color matching. When a standard sample is available (see 6.2), the color shall match the approved standard shade sample under natural (north sky) daylight or artificial daylight having a color temperature of 7,500° Kelvin and shall be a good approximation to the standard under incandescent lamplight at 2,800° Kelvin. (See 6.2)

TABLE I. Construction and Physical Requirements

Type	Width	vetoht	breaking	Warp ends	ends	Minimum filling nicks	Minimum	Air perme-	Yern denter	
	(inch)	(yd/1b)	(pounds)	Total	Selvage	per in.	(percent)	(cfm/sq ft)	Warp	Filling
	0.250 ±.0156	1,300	13	72	12	140	18	P 1	20	10
<u> </u>	.375 ±.0156	875	18	101	12	140	18		8	0 1
<u> </u>	.625 ±.0312	014	143	237	32	140	18	-	8	70
_	.250 1.0625	560	65	352	32	140	18		20	0 1
יע	.000 ±.0625	165	96	537	32		18	150 ±30	50	01
- 3	+i	016	. 22	98	12	118	18		30	01
	+1	650	. 33	126	12	118	18	!	೫	1 0
_	+i	360	70	237	32	118	. 18	!!	ದ್ದ	70
_	+i	210	120	392	32	118	18	1	9	1 0
.,	+i	120	200	657	32	!	18	150 ±30	8	04
-	5.000 ±.1875	20	1/ 100	1,616	35	1	18		8	0 1
۳	0.250 \$.0156	77.0	39	100	12	82	22		100	07
	+i	520	58	148	12	82	22	1	QT QT	7 0
	+i	335	6	227	32	82	22	!	읓	04
	+i	160	185	1457	35	82	25	1	9	1 0
-	+i	100	300	757	32	80	22	150 ±30	01	04
-										
-	1.250 \$.0625	8	280	76	0	25	18	!	210	210/2
-	2.000 4.0625	145	09 1	154	0	25	18	-	210	2/012
	1.250 4.0625	20	650	240	0	36	18		210	210/2
•••	2.000 \$.0625	9	1,000	378	0	36	18	-	210	210/2
	2.000 1.0625	25	1,500	280/1		36	;	-	1,20	120
	2.000 ±.0625	17	2,000	1 378/1		36	!		1,20	h 20
``	2.000 4.0625	13	3,000	260	0	56	!	-	840/1	840/1
	2.000 \$.0625	11	1,000	350		77	1	-	840/1	420/1

 $\underline{1}$ / Pound per inch of width. $\underline{2}$ / Applicable to both dyed and undyed tape.

- 3.3.2.2 Colorfastness. When a standard sample is available (see 6.2) the dyed tape shall show colorfastness equal to or better than the standard sample with respect to light and wet crocking. If a standard sample is not available, the dyed tape shall show "fair" fastness to these same properties when tested as specified in 4.2.3.
- * 3.3.3 <u>Light and heat resistant</u>. All classes of the finished tape shall not lose more than 25 percent of its original strength, when tested in accordance with 4.2.3.1.
 - 3.3.4 <u>Bleaching</u>. The tape shall not be bleached in any manner or process (see 4.2.3.3).
- * 3.4 Length of spool. The tape shall be put on spools. No spool shall contain more than 3 pieces, and no piece shall be less than 40 yards unless otherwise specified (see 4.2.2.2.3 and 6.2).
- * 3.5 Age. The tape shall be not more than 2 years old from the date of manufacture to the date of delivery (see 4.2.3.2).
- * 3.6 Workmanship. The finished tape shall be clean, evenly woven and shall conform to the quality and grade of product established by this specification. The occurrence of defects shall not exceed the levels set by the acceptable quality levels (ACL) specified herein.
 - 4. QUALITY ASSURANCE PROVISIONS
- 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.
- * 4.2 <u>Inspection for quality conformance</u>. Sampling for inspection shall be in accordance with MIL-STD-105, except where otherwise indicated.
- 4.2.1 <u>Inspection of components</u>. In addition to the quality assurance provisions of the subsidiary specifications, components and materials listed in Table II shall be tested for the characteristics specified and in accordance with the referenced test methods of FED-STD-191. The sample unit shall be one cone, tube, or spool and the lot size shall be expressed in units of one cone, tube, or spool each. The lot shall be unacceptable if one or more units fail to meet any requirements specified. The sample size shall be as follows:

Lot si	<u>ze</u>	Sample size
800 or 801 to 22,001		2 3 5

TABLE II. Testing of Components

Characteristic	Require- ment para.	Test	No. determinations per individual unit of product	Results reported as
Warp and filling yarns: Tenacity Luster Melting point	3.1 3.1 3.1	4100.1 Visual] 1534	1 -	Pass or fail Pass or fail Average of two determinations to nearest degree centigrade
Twist per inch (single)	3.1.1	4052.1	2	Reported to nearest 0.5 turn per inch
Twist per inch (ply)	3.1.1	4054.1	2	Reported to nearest 0.5 turn per inch
Direction of twist	3.1.1	4050.1	2	"Z" or "S"
Denier	Table I	4021.1	2	Nearest whole number
Ply	Table I	Visual	1	Pass or fail

^{1/} Acceptance with respect to this characteristic will be based on a contractor's certificate of compliance.

4.2.2 Inspection of the end item.

4.2.2.1 AQL. AQL and levels of inspection shall be as specified in Table III.

4.2.2.2 Yard-by-yard examination. The required yardage of each piece appearing in the sample will be inspected and defects classified as listed in Table IV. Defects found shall be counted regardless of their proximity to each other, except where two or more defects represent a single local condition of the tape, in which case only the more serious defect shall be counted. A continuous defect shall be counted as one defect for each warp-wise yard or fraction thereof in which it occurs. An approximate equal number of yards shall be examined from each piece of tape appearing in the sample. The number of pieces to be drawn shall be computed as follows:

Number drawn = total yards in sample 35

4.2.2.2.1 Examination for compliance with the Textile Fiber Products Identification Act. During the yard-by-yard examination, each spool shall be examined for fiber identification. The lot shall be unacceptable if two or more spools in the sample are not labeled in accordance with the rules and regulations under the Textile Fiber Products Identification Act.

TABLE III. Inspection and AQL

Examination of product	Test paragraph		Inspection level	Width of material	AQL (defects per 100 units)
Yard-by-yard examination	4.2.2.2	Yard	III	Up to 1 inch 1 inch to 3 inches Over 3 inches	Major Minor 0.40 1.5 0.65 2.5 1.00 4.0
Overall examination	4.2.2.2.2	Piece	N/A	All	Acceptance No.
Examination for length of spool	4.2.2.2.3	Spool	N/A	All	Acceptance No. zero

TABLE IV. Classification of Defects

Defect	Description	Major	Minor
Abrasion marks	Any abrasion mark showing fuzziness.	х	
Biased filling or filling bow	More than 2 inches from horizontal at greatest point of bias.	x	
Broken or missing end	Two or more contiguous regardless of length. Single end exceeding 6 inches in length. Single end under 6 inches but exceeding 1/4 inch.	x x	x
Broken or missing pick	Two or more contiguous, regardless of length. Single, regardless of length.	х	х
Coarse or light filling bar	Clearly noticeable 1/ and extending for more than 1/4 inch in the length direction of tape. Clearly noticeable and extending for 1/4 inch or less in the length direction of tape.	x	x
Crease or wrinkle	Twisted or distorted. Will not lay flat upon application of manual pressure.		x
Edge slack or wavy	Clearly noticeable $\underline{1}$ / waviness along edge when viewed without tension.	x	
Edge-nicks or bumps	Any nick or bump falling outside the width tolerance as specified or exceeding 1/4 inch in length.	x	

TABLE IV. Classification of Defects (Cont'd)

Defect	Description	Major	Minor
Edge tight	Resulting in noticeable 1/ tension along edge, or pucker, waviness, bagginess, or slackness that cannot be flattened by manual pressure.	x	·
Edge construction	Not constructed as specified	х	
Filling bow	More than 2 inches in height (measured from a straight line cord to highest point of arc).	x	
Fine filling bar	Any clearly noticeable <u>l</u> / fine filling bar	х	
Cut, hole or tear	Any.	х	
Distortion or slippage of threads	Any distortion or slippage of warp or filling threads that cannot readily be reset by hand.	х	
Edge cut, broken torn or scalloped	Any cut, broken torn or scalloped edge.	х	
Edge beaded corded	Noticeable $\underline{1}$ / increase in edge thickness or misformed edge.		x
Edge folded or rolled	(see "crease or wrinkle")		
Edge stringy or loopy	Any stringy or loopy edge projecting more than 1/8 inch. More than 3 inches of continuous stringy of loopy edge projecting 1/8 inch or less Three inches or less of continuous stringy or loopy edge projecting 1/8 inch or less.	x x	x
Floats or skips	Any multiple float more than 3/16 inch in either warp or filling direction. Single floats more than 1/4 inch in length. Pin floats, sequence of more than 1 inch (continuous) in length. Two or more multiple floats (in any linear yard) more than 1/8 inch in either warp or filling direction. Single floats more than 1/8 inch but not more than 1/4 inch in length. NOTE: Single floats 1/8 inch or less shall not be considered as defects.	x x x	x x

TABLE IV. Classification of Defects (Cont'd)

Defect	Description	Major	Minor
Heavy filling bar or heavy place	Clearly visible. 1/	x	
Hitch-back (warp catch)	Resulting in a thin place 3/8 inch or more in combined warp and filling direction.	x	·
Jerked in filling or slough-off	Two or more additional yarns in the shed. One additional yarn in the shed. NOTE: One-half inch or less shall not be considered a defect.	x	х
Loops, kinks, or snarls (except edge)	Any more than 1/8 inch in length. Three or more (in any linear yard) 1/8 inch or less in length. One or two (in any linear yard) 1/8 inch or less in length.	x x	x
Knots	More than 2 knots in any 9 inches. Single knot with untrimmed ends extending more than 1/16 inch from surface.	x	x
Mispick or double pick	Two or more additional picks in the shed. One additional pick in the shed.	х	х
Pick out mark	Resulting in a clearly noticeable thin or light place. $\underline{1}$ /	х	
Slack end	Two or more in the same length, jerked in between picks, or forming clearly noticeable 1/loops on the surface. Single jerked in between picks, or forming clearly noticeable 1/loops on	Х	
Club on also rout	surface.	х	ļ
Slub or slug gout	More than twice the thickness of the yarn (or ply, if plied).		х
Smash	Any smash.	х	
Spot, stain, or streak (not applicable to dye streaks)	Any clearly noticeable <u>l</u> / dirt, rust, grease, oil spots, stain or streak.		x
Strip back	More than 5 per linear yard over 1/4 inch in length. Up to 5 per linear yard over 1/4 inch in length.	х	x

TABLE IV. Classification of Defects (Cont'd)

<u> </u>		· · · · · ·	
Defect	Description	Major	Minor
Thin, or light place, light set mark	Any clearly noticeable reduction in filling texture. $\underline{1}$ /	x	
Tight end	Clearly noticeable. $\underline{1}/$.x	
Tight pick or tight filling	Resulting in rolling of tape (see also "Edge cut, broken, torn or scalloped" and "Edge tight").	X	
Undrawn filling yarn (caused by uneven filling shrinkage)	Resulting in clearly noticeable pucker. $\underline{1}/$	х	
Weak places	Any weak place.	х	
Wrong draw	Resulting in a clearly noticeable warp wise streak more than 18 inches in length. 1/	. x	
Width	Beyond tolerance		х

^{1/} Clearly visible at normal examination distance of 3 feet.

4.2.2.2.2 Overall examination. The unit of product for overall examination shall be one piece. The pieces to be examined will be those selected for the yard-by-yard examination. Each piece shall be carefully examined, and should any piece contain any of the following defects, the lot represented shall be rejected:

- a. Objectionable odor.
- b. Uncleanliness throughout.
- c. Uneven dyeing, shadiness, spottiness, poor penetration of dye.
- d. Uneven weaving.

4.2.2.2.3 Examination for length of spool. The spools from which sample pieces for yard-by-yard examination are selected shall be examined for gross length. Any gross length found to be less than the specified minimum length, or any gross length more than 2 yards below the gross length marked on the piece ticket, or label, shall be a defect with respect to length. When multiple piece spools are allowed (see 6.2), a spool will be defective if it contains more than 3 pieces or if any individual piece measures less than 40 yards in length.

4.2.3 Testing of the end item. The methods of testing specified in FED-STD-191, wherever applicable, as listed in Table V and as specified in 4.2.3.1 through 4.2.3.3 shall be followed. The physical and chemical values specified in Section 3 apply to the average of the determinations made on a unit of product for test purposes as specified in the applicable test methods. An inspection lot shall consist of finished tape of one type and class, made under essentially the same conditions, and presented for inspection at the same time. Unit of product shall be 1 linear yard of tape, and the lot size shall be determined as the number of units of product in the lot. The test samples shall consist of a continuous 10-yard piece of tape, full width, randomly selected from a separate spool making up the inspection lot. The sample unit for testing class E, Types II, III, IV, V and VI shall be 25 yards. The sample size shall be in the list below. The lot shall be unacceptable if one or more units of product fail to meet any test requirement specified.

Lot Size (Yards)	Sample Size (No	o. of Units or Produ	uct)
0		_	
800 or less		2	
801 to 22,000		3	
22,001 and up	•	5	

- * 4.2.3.1 Resistance to heat and light. Three sets of five warp and five filling test specimens shall be selected for determining resistance to heat and to light. Each of the warp specimens shall contain identical warp yarn and each of the filling specimens shall contain identical filling yarn. One set of warp and filling specimens shall be tested for breaking strength in accordance with Methods 5104 and 4108.1 of FED-STD-191 without any exposure. Another set of warp and filling specimens shall be tested as specified in 4.2.3.1.1. The third set of warp and filling specimens shall be tested as specified in 4.2.3.1.2. (See 3.3.3)
- * 4.2.3.1.1 Resistance to light. Five warp and five filling specimens shall be exposed in the accelerated weathering unit as specified in Method 5804 of FED-STD-191 except the water spray nozzle shall be off. The specimens shall be placed side by side on the rack using no backing in such a manner that the specimen shall be exposed uniformly. The exposure time shall be 50 hours. Relative humidity of 55 percent at 155°F shall be maintained during the entire exposure period. At the end of the exposure period, the specimens shall be brought to equilibrium under standard conditions defined in FED-STD-191. The specimen shall then be tested for breaking strength in accordance with Methods 5104 and 4108.1 of FED-STD-191, and the percent of breaking strength (B.S.) lost shall be computed as follows:

Percent of B.S. lost = original B.S. - B.S. after aging = 100 original B.S.

TABLE V. Test Methods

Characteristic	Requirement paragraph	Test method	Results reported as
Weave	3.2	Visual	Pass or fail
Weight (min)	Table I	5040	In yds/lb to nearest 0.1 yd
Number ends (min): Total Selvage	Table I		Actual count Actual count
Picks per inch	Table I	5050	Nearest whole number
Breaking strength and elongation (grab) 1/ (min) Class D and E 2/	Table I Table I	5100 5100 4108.1	Nearest 1.0 lb Nearest 1.0 percent Nearest 1.0 lb Nearest 1.0 percent
Breaking strength and elongation (ravel) 3/ (min)	Table I Table I	5104 5104	Nearest 1.0 lb Nearest 1.0 percent
Air permeability 4/	Table I	5450	Nearest 0.1 cubic foot
Colorfastness to: Light 5/ Crocking	3.3.2.2 3.3.2.2	5660 5651	Good, fair, or poor Good, fair, or poor
Acidity-alkalinity (pH)	3-3-1	2811	Nearest 0.2 pH.

- Except that the breaking strength determination shall be made on the full width of the tape. The grab jaws shall measure 1 inch by 3 inches and shall be padded with a cushioning material in order to protect the raised selvages. Not applicable for class B, type VI. The following exceptions to method 5100 are optional.
 - (a) Split-drum type jaws.
 - (b) No-load rate of separation at 4 inches per minute maximum.
 - (c) Distance between the drum centers shall be 10 ±1/16 inch.
- 2/ Four inch gage marks shall be placed at the center of the sample under nominal tension (1 percent minimum breaking strength). The elongation shall be taken by measuring the separation of the gage marks at the specified minimum breaking strength.
- 3/ Applicable for class B, type VI, only. One inch by 3 inch grab jaws shall be used.
- 4/ Except that the fabric orifice shall have an area of 1 square inch.
- 5/ Except that the time of exposure shall be 20 standard fading hours.

- * 4.2.3.1.2 Resistance to heat. Five warp and five filling specimens shall be suspended in a circulating air oven at a temperature of 180° ±3°C (356° ±5°F) for 1 hour. After removal from the oven, the specimens shall be brought to equilibrium under the standard conditions defined in FED-STD-191. The specimens shall then be tested for breaking strength in accordance with Methods 5104 and 4108.1 of FED-STD-191, and the percent of breaking strength lost shall be calculated as specified in 4.2.3.1.1.
- 4.2.3.2 Age. The supplier shall furnish a certificate of compliance indicating that the cloth delivered is not more than 2 years old from the date of manufacture (see 3.5).
- 4.2.3.3 <u>Bleaching</u>. The supplier shall furnish a certificate of compliance indicating that neither the yarn nor the tape has been bleached in any manner or process.
 - * 4.3 Preparation for delivery requirements inspection. The inspection of the preservation, packaging, and packing of tape shall be in accordance with MIL-W-43334. Marking shall be inspected for conformance with Section 5.
 - 5. PREPARATION FOR DELIVERY
 - * 5.1 <u>Preserving</u>, packaging, racking, and marking. Shipments shall be preserved, packaged, packed, and marked in accordance with the applicable level of MIL-W-43334, as specified (see 6.2). The shipment marking nomenclature shall include the following:

TAPE, TEXTILE: WEBBING TEXTILE Type 1/Class 1/Length of roll 1/Color 1/

1/ Applicable data to be inserted by the supplier.

- 6. NOTES
- 6.1 Intended use. The tape is intended for use in the fabrication of parachutes of tape-type construction known as "ribbon parachutes."
- * 6.2 Ordering data. Procurement documents should specify:
 - a. Title, number, and date of this specification.
 - b. Class and type required (see Table I).
 - c. Quantity desired.
 - d. Color required (see 3.3.2).
 - e. Whether standard sample is available for color matching (see 3.3.2.1).
 - f. Whether standard sample is available for colorfastness test (see 3.3.2.2).

- g. Length of spool (see 3.4).
- h. Number of pieces allowed per spool (see 3.4 and 4.2.2.2.3).
- i. Levels of preservation, packaging, and packing required (see 5.1).
- * 6.3 <u>Dyes.</u> Premetallized dyes have proven satisfactory in dyeing the tape. The requirements for light and heat resistance are based on the use of this class of dye.
- * 6.4 The margins of this specification are 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.

Custodians: Navy - AS Air Force - 82

mainst No. 8305 0105

Preparing ACtivity:

Air Force - 82

Review Activities: Navy - AS Air Force - 82 Project No. 8305-0105

 Downloaded from http://www.everyspec.com

SPECIFICATION ANALYSIS SH	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 sultable 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 sctivity. 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						
ORG ANIZ A TION		•				
CITY AND STATE	CONTRACT NUMBER					
MATERIAL PROCURED UNDER A DIRECT GOVERNMENT CONTRACT SUBC						
1. HAS ANY PART OF THE SPECIFICATION CREATED PR MENT USE! A. GIVE PARAGRAPH NUMBER AND WORDING.	OBLEMS OR REQUIRED INT	ERPRETATION IN PROCURE				
B. RECOMMENDATIONS FOR CORRECTING THE DEFIC	PENCIES	·				
	······································					
2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CO	NSIDERED TOO RIGID					
3. IS THE SPECIFICATION RESTRICTIVE?						
YES NO (Il "Iyes", in what way?)						
4. REMARKS (Attach any pertinent data which may be of use in attach to form and place both in an envelope addressed to pe	improving this specification eparing activity)	. Il there are edditional papers,				
SUBMITTED BY (Printed or typed name and activity - Optional)	D	PATE				

DD. FORM. 1426

REPLACES EDITION OF 1 OCT 64 WHICH MAY BE USED

FOLD

POSTAGE AND FEES PAID
DEPARTMENT OF THE AIR FORCE

OFFICIAL BUSINESS

SAN ANTONIO AIR MATERIEL AREA SERVICE ENGINEERING DIVISION (MMEOB) KELLY AFB, TEXAS 78241

FOLD