

**UNITED STATES AIR FORCE ACADEMY**  
**SPECIFICATION 490**  
**CAP, SERVICE, BLUE, ELASTIQUE, USAFA CADET**  
**AND**  
**CAP, PARADE, WHITE, USAFA CADET**  
**1 NOVEMBER 2017**

**CHANGES FROM PRIOR SPECIFICATION:**

- 1. This is the first edition of USAFA CU 490, combining formerly four specifications into one specification in an effort to simplify production. The changes highlighted on this list are changes from the formerly separate specifications.**
- 2. Date change, reformatting.**
- 3. Alternate materials allowed for the visor trim, under visor and crown protector.**
- 4. Schedule of sizes expanded**



































































TABLE V - GENERAL AND DETAILED DEFECTS TABLE			
DESCRIPTION	CLASSIFICATION		
	MAJOR	MINOR	
		A	B
a. One or both securely locked to inner-body band.	X		
b. Brass washers not used to secure the posts to the inner-body band.		X	
INNER-BODY BAND:			
a. Not overlapped and properly stitched.	X		
b. Twin wire omitted or stitched to outside of inner- body band	X		
c. Lining omitted or improperly stitched, twisted or puckered.	X		
QUARTERS LINING:			
a. Tight or twisted affecting smoothness of outside quarters.	X		
b. Any measurement exceeding the maximum or less than the minimum specified.	X		
FRONT QUARTERS STIFFENER:			
a. Haircloth stiffener omitted or top edge not vinyl taped.	X		
b. Buckram strip on top edge omitted or not caught in crown seam stitching.	X		

4.8 Finished Measurement Defects. Any finished measurement deviation from the finished measurements specified in the finished measurement table shall be classified as a defect. Sleeve lengths uneven by 1/2" or more shall be classified as a defect.

4.9. Examination of Preparation for Delivery Requirements. An examination shall be made to determine if packaging, packing, and marking requirements have been met. The sample unit shall be one shipping container fully packed and selected just prior to the closing operation. The lot size shall be the number of containers in the inspection lot. The inspection level shall be S-3 of ANSI Z1.4, and the acceptable quality level shall be 4.0 defects per 100 units. Shipping containers full prepared for delivery shall be examined for defects of closure and scored as follows:

PACKAGING AND SHIPPING DEFECTS	
EXAMINE	DEFECT
Marking	Omitted; incorrect, illegible or improper size, location, sequence, or method of application.
Materials	Any component missing. Any component damaged, affecting serviceability.



Workmanship	Inadequate application of component such as: incomplete closure of case liners or inadequate stapling. Bulging or distortion of containers.
Content	Number of intermediate packages is more or less than required.

## 5. PREPARATION FOR DELIVERY

5.1. Shipping Protection. The caps shall be packaged in a manner that shall afford adequate protection against deterioration and damage during shipment to the USAF Academy for immediate use.

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

## 6. NOTES

6.1 Intended Use. The cap covered by this specification is intended for use as a component of the Dress Uniform worn by cadets of the United States Air Force Academy.

6.2. Ordering Data. Procurement documents should specify:

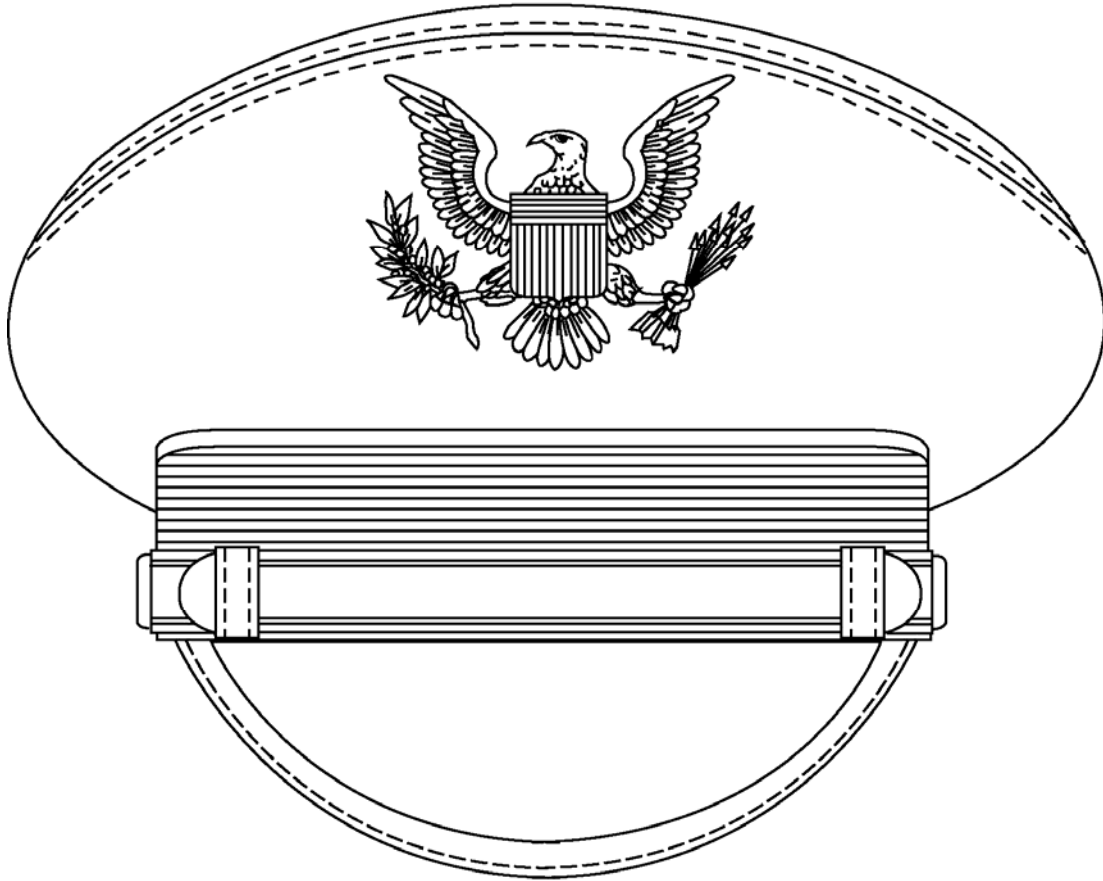
- a. Title, number and date of this specification.
- b. Classification required (see 1.2).
- c. Quantity required by size (See 1.4)
- d. Availability of sample (see 3.1)
- e. Requirements for Bid Sample (see 3.2.1).
- f. Requirements for First Article (see 3.2.2).
- g. Government furnished basic fabric (see 3.7.1).
- h. Any special markings required (see 5.2.)
- i. Selection of applicable packaging, packing and marking requirements specified herein (See 5.1, and 5.2).

6.3 Color Shade Samples. Sample USAFA color shades may be obtained from the procuring activity or as directed by the contracting officer.

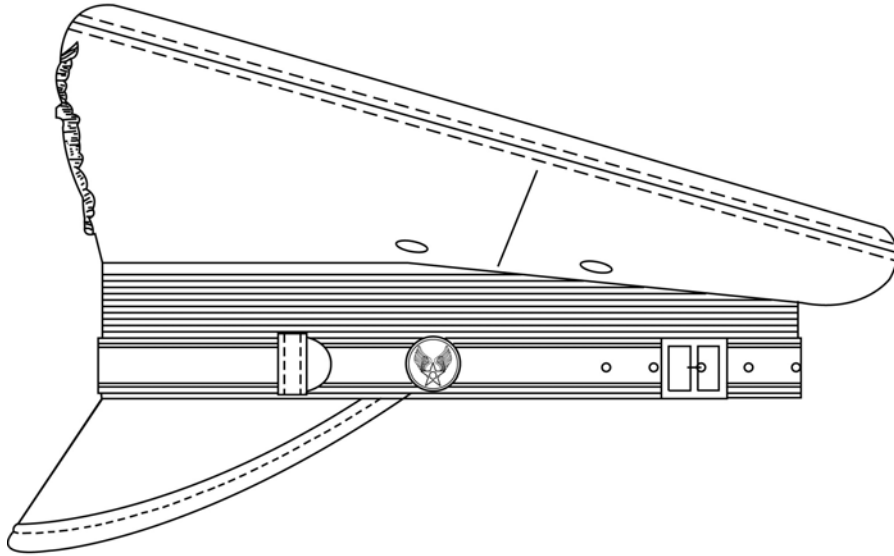
Custodian:  
USAF Academy  
Colorado Springs CO 80840

Preparing Activity:  
Cadet Uniforms Section (10 LRS/LGRCU)  
USAF Academy, CO 80840-8210

Reviewing Activity:  
Cadet Logistics Chief (10LRS/LGRC)  
USAF Academy, CO 80840-8210

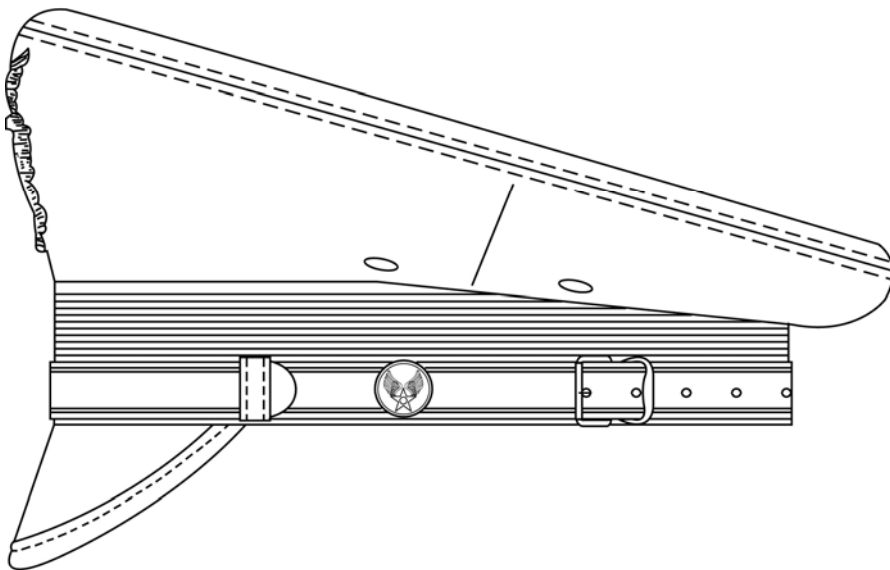


**FIGURE 1, FRONT VIEW**  
**USAFA CAP**



SIDE VIEW

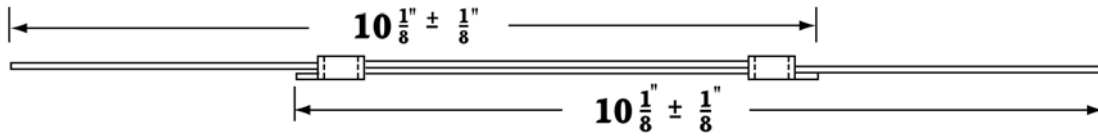
**FIGURE 2 - MEN'S CAP**



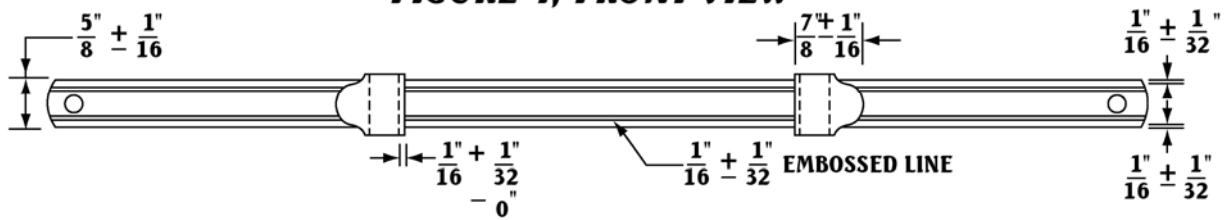
SIDE VIEW

**FIGURE 2A - WOMEN'S CAP**

**FIGURE 3, TOP VIEW**

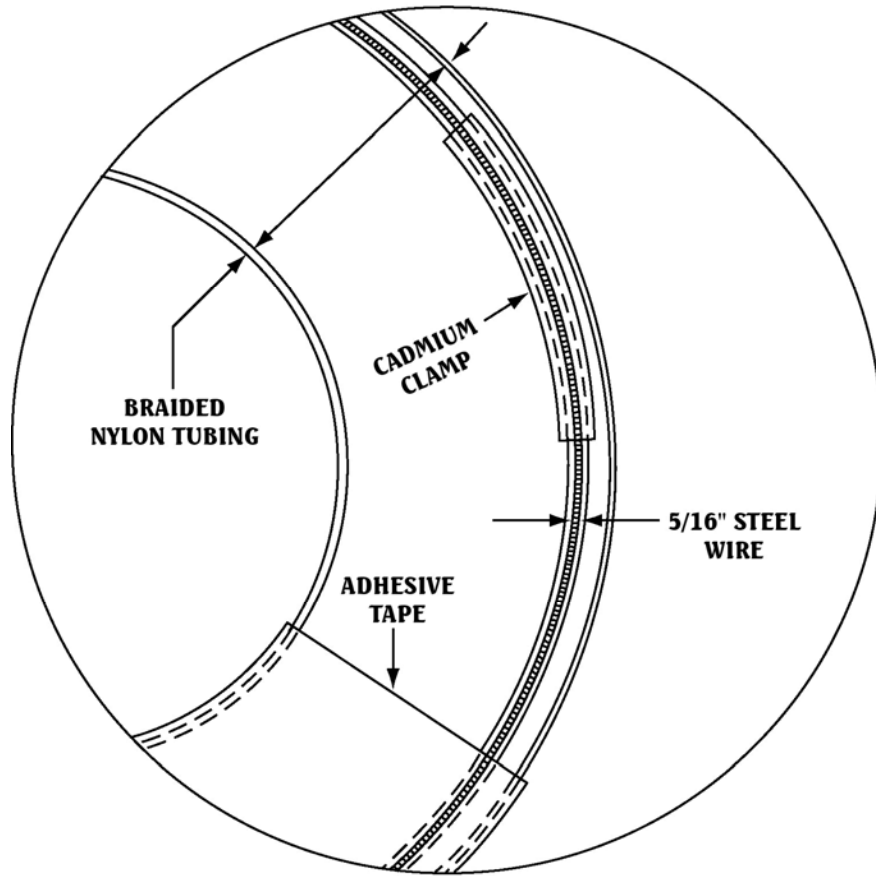


**FIGURE 4, FRONT VIEW**

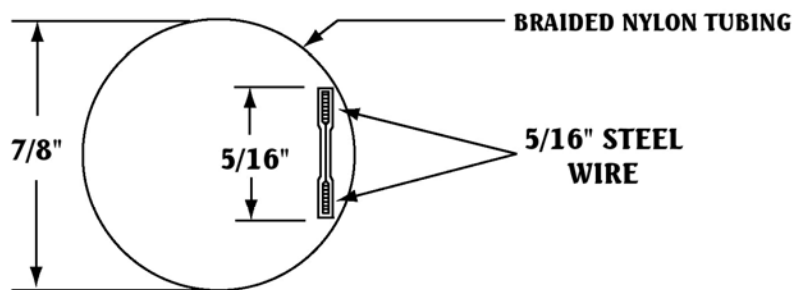


**FIGURE 5, BACK VIEW**



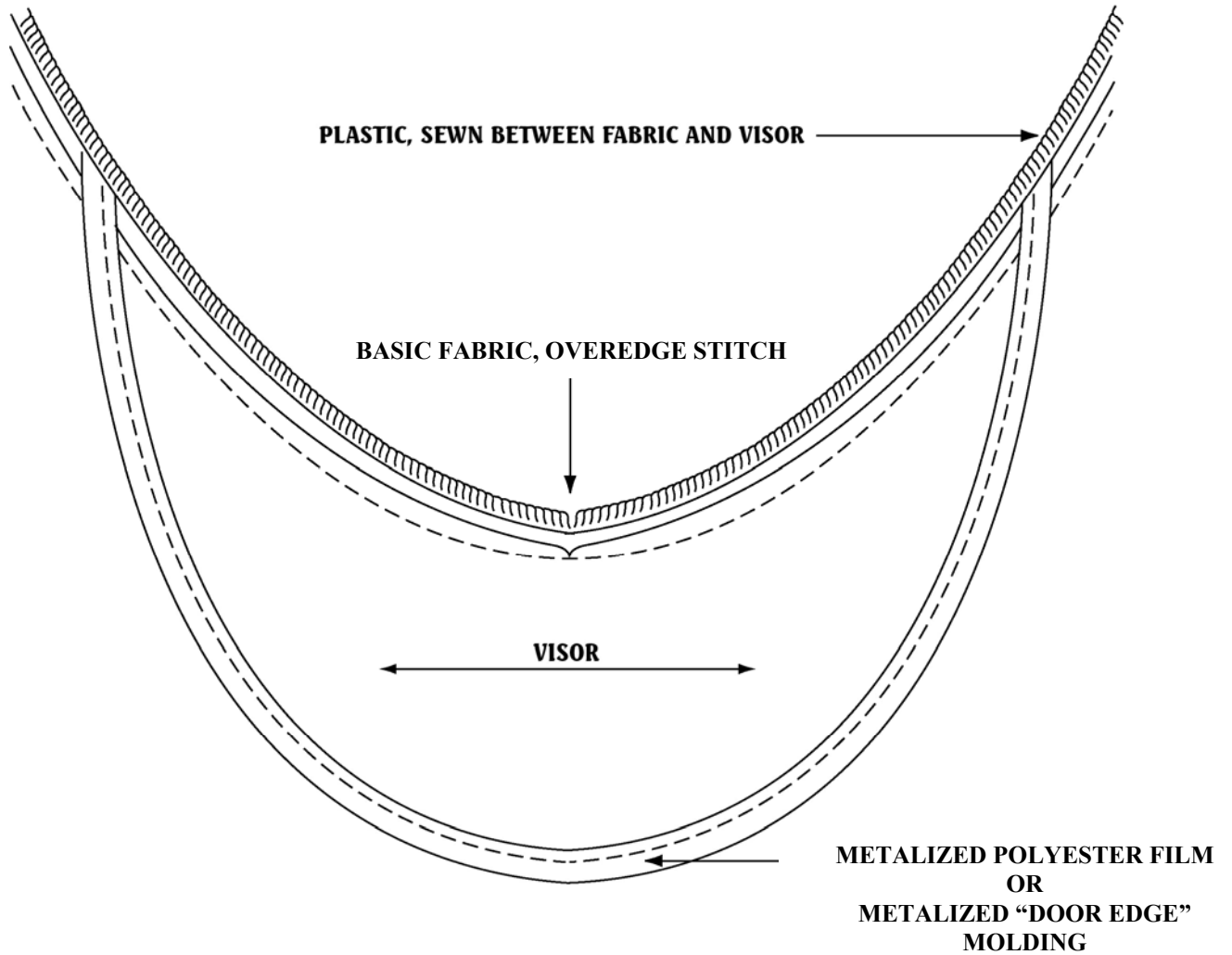


**FIGURE 6, TOP VIEW**



**FIGURE 7, CROSS SECTION**

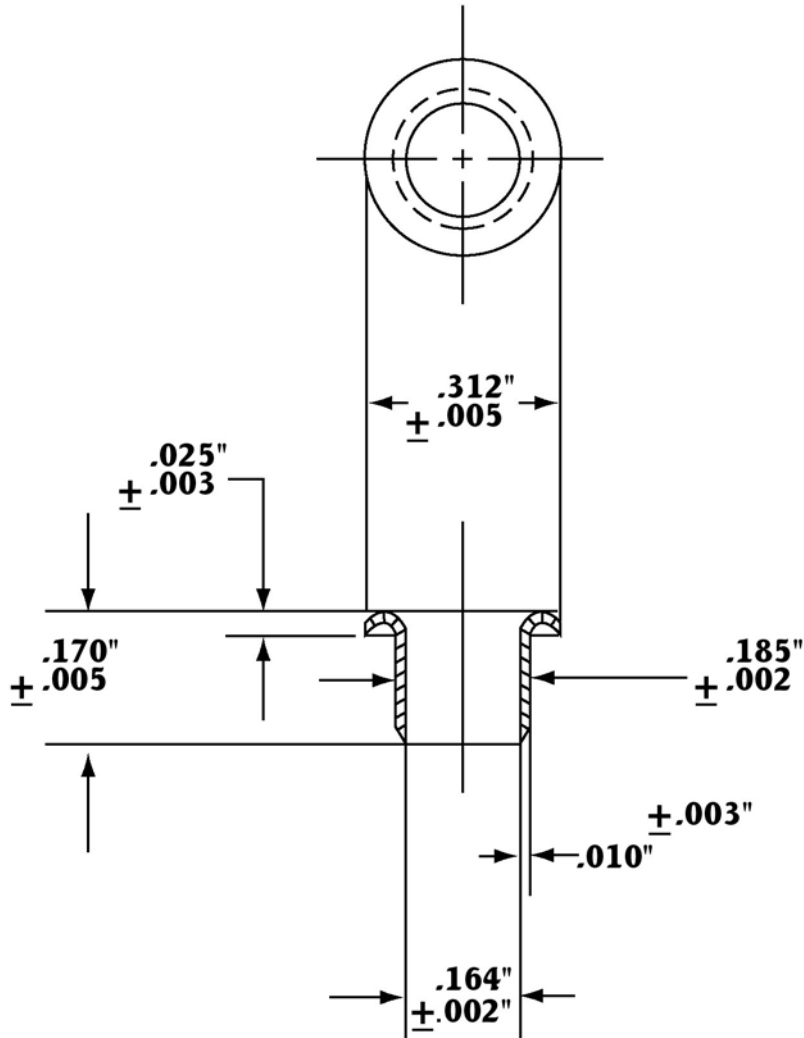
**GROMMET**  
**USAFA CAP**



**VISOR FRONT VIEW**

**FIGURE 8**

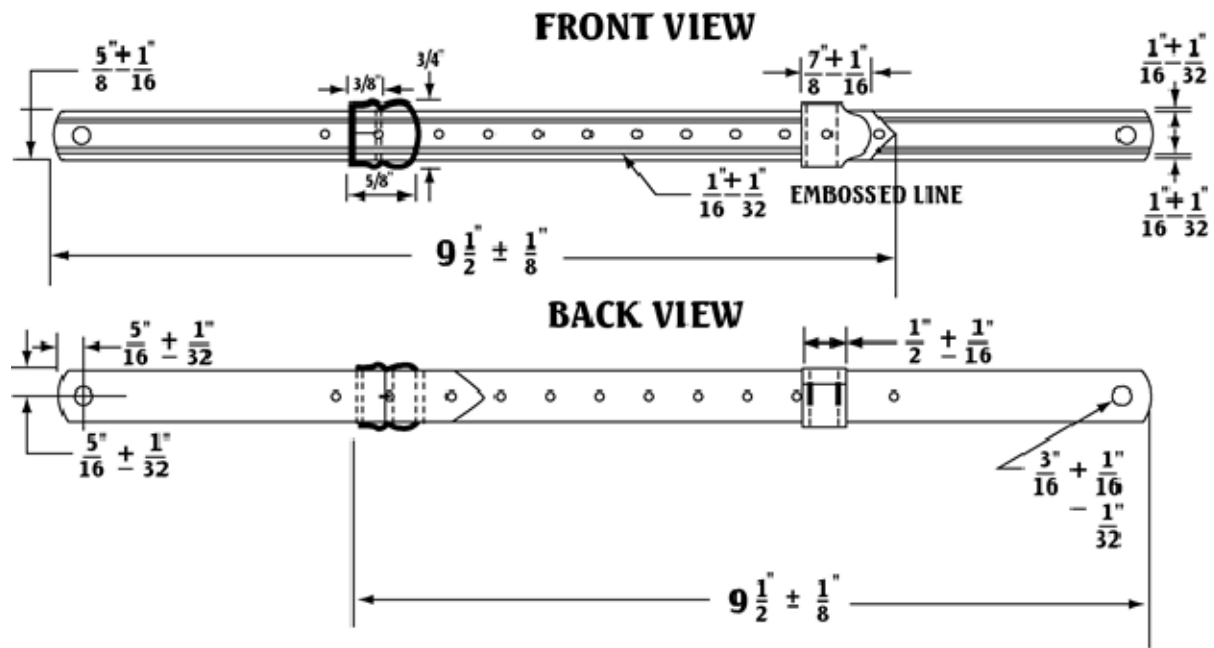
# FIGURE 9, TOP VIEW



## CROSS SECTION SIDE VIEW

EYELET

# USAFA CAP



CHIN - STRAP  
 USAFA CAP, PARADE, DRESS, WHITE  
 AND  
 CAP, SERVICE, BLUE, ELASTIQUE

FIGURE 10



<b>STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL</b>	
<p><b>INSTRUCTIONS:</b> The purpose of this form is to solicit beneficial comments which will help achieve procurement of suitable products at reasonable cost and minimum delay, or will otherwise enhance use of the document. USAFA contractors, government activities, or manufacturers/vendors who are prospective suppliers of the product are invited to submit comments to the government. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements. Attach any pertinent data which may be of use in improving this document. If there are additional papers, attach to form and place both in an envelope addressed to Cadet Uniform Section, 10LGRCU 2348 Sijan Dr., Suite 2B1, USAF Academy, CO 80840-8210.</p>	
<b>DOCUMENT IDENTIFIER AND TITLE</b>	
<b>NAME OF ORGANIATION AND ADDRESS</b>	<b>CONTRACT NUMBER</b> <hr/> <b>MATERIAL PROCURED UNDER A</b> <hr/> Direct Government Contract <hr/> Subcontract
<p>1. HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT?</p> <p style="padding-left: 40px;">A. Give paragraph number and wording.</p> <p style="padding-left: 40px;">B. Recommendations for correcting deficiencies.</p>	
2. COMMENTS ON ANY DOCUMENT REQUIREMENT CONSIDERED TO RIGID	
3. IS THE DOCUMENT RESTRICTIVE?	
4. REMARKS	
SUBMITTED BY(Printed or typed name and address - Optional)	TELEPHONE NO.
	DATE