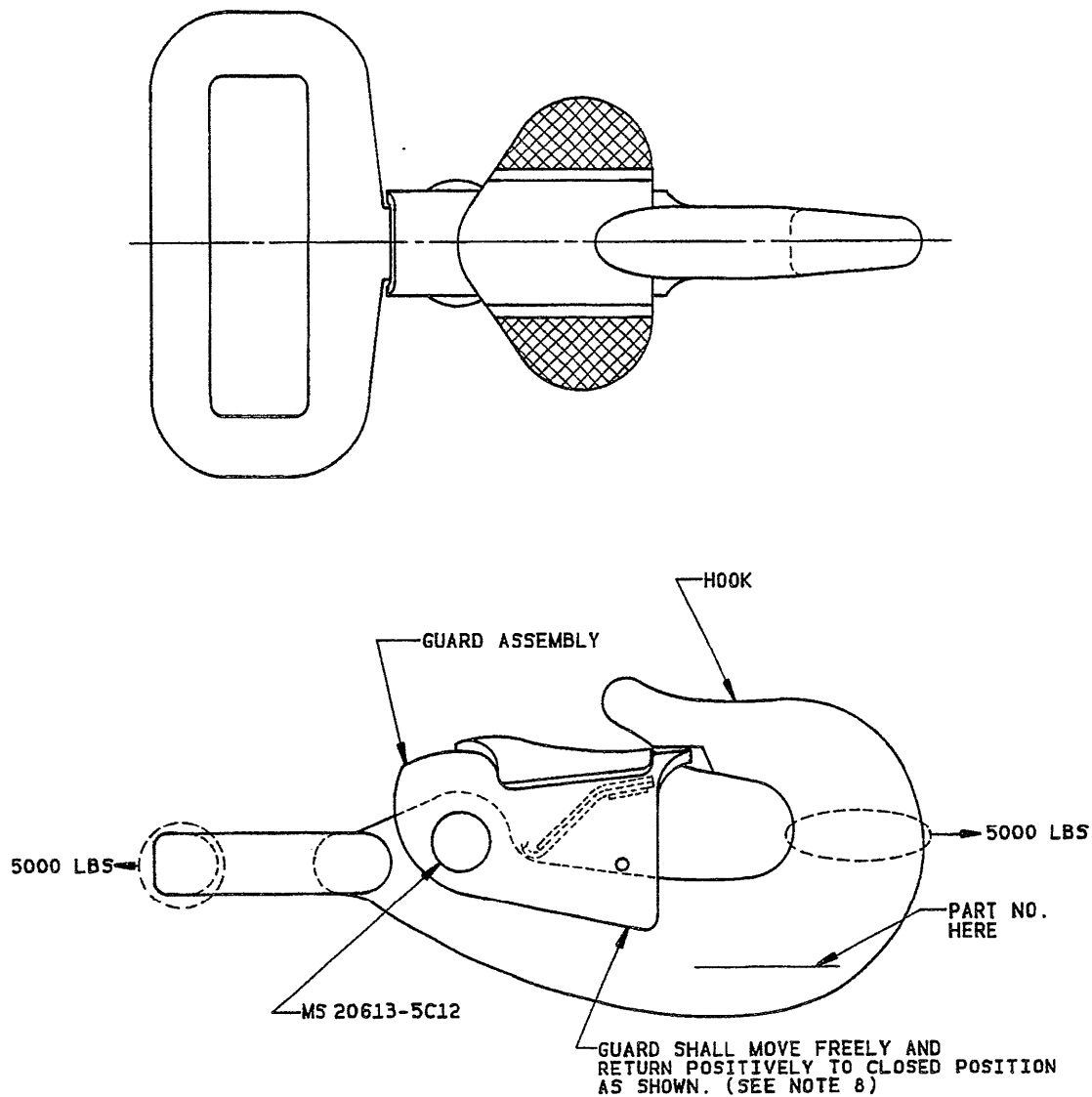


FED. SUP CLASS  
1670ARMY-AV  
NAVY-MC  
USER ACTIVITIES:USAF-82  
REVIEWER ACTIVITIES:AMSC N/A  
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## SNAP ASSEMBLY

MS PART NO.	DESCRIPTION
MS 70121-1	WITH EAR ON GUARD (AS SHOWN)
MS 70121-2	WITHOUT EAR ON GUARD

© REDRAWN; REVISED: "MS PART NO." IN TABLE, WAS "MS DASH NO.", NOTE 3.  
ADDED: SHEET 5.

P. A. ARMY-GL Other Cust NAVY-AS USAF-99	INTERNATIONAL INTEREST	TITLE SNAP, CONNECTOR - PARACHUTE CHEST TYPE PACK	MILITARY STANDARD MS 70121
PROCUREMENT SPECIFICATION MIL-H-7195	SUPERSEDES: MS 70121-1 SUPERSEDES USAF 47D3138 MS 70121-2 SUPERSEDES USAF 47D3138-1	SHEET 1 OF 5	

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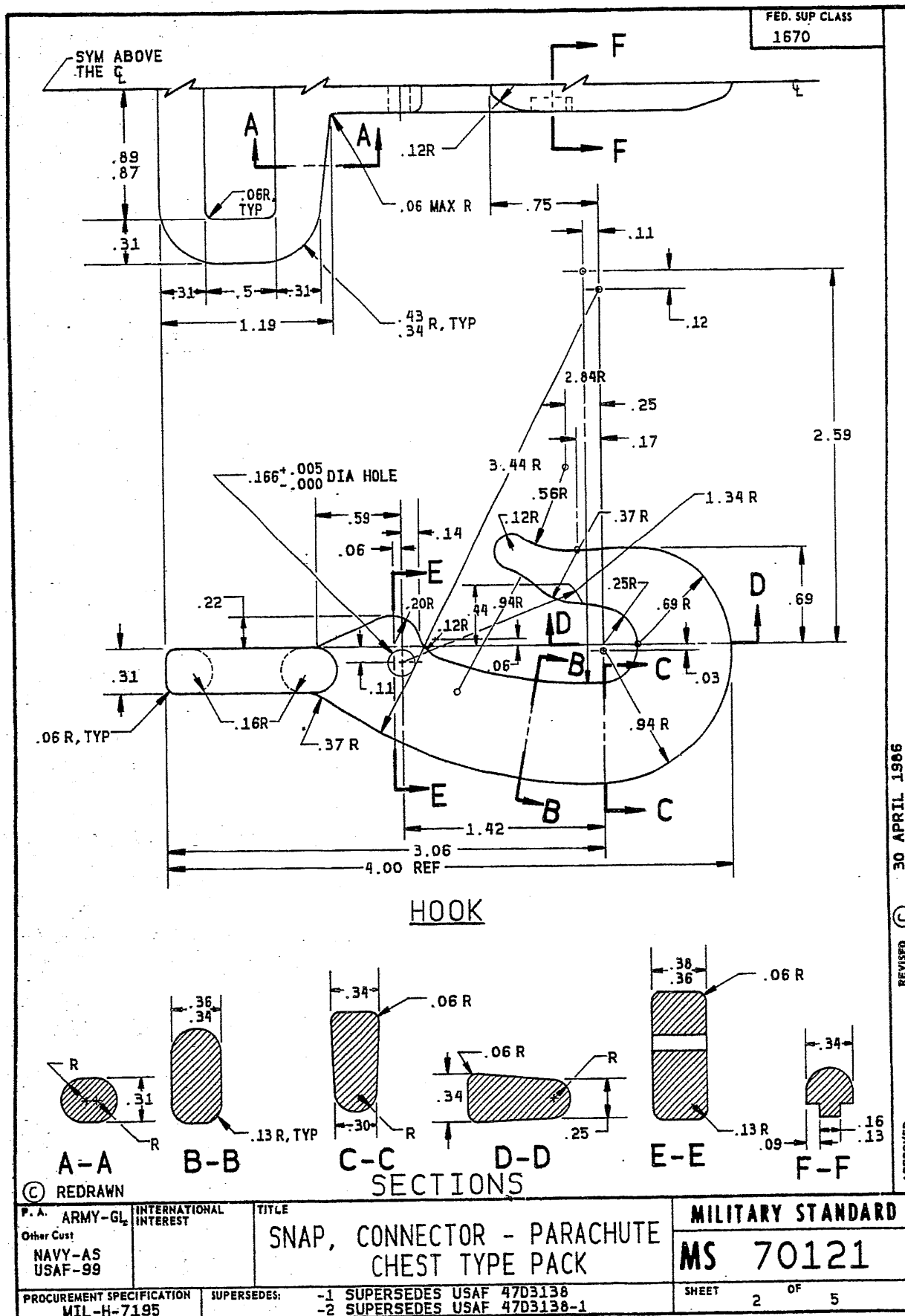
PROJECT NO. 1670-0716

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REVISED  
30 APRIL 1986

ARMY-AV  
NAVY-MC  
USER ACTIVITIES

REVIEWER ACTIVITIES: USAF-82

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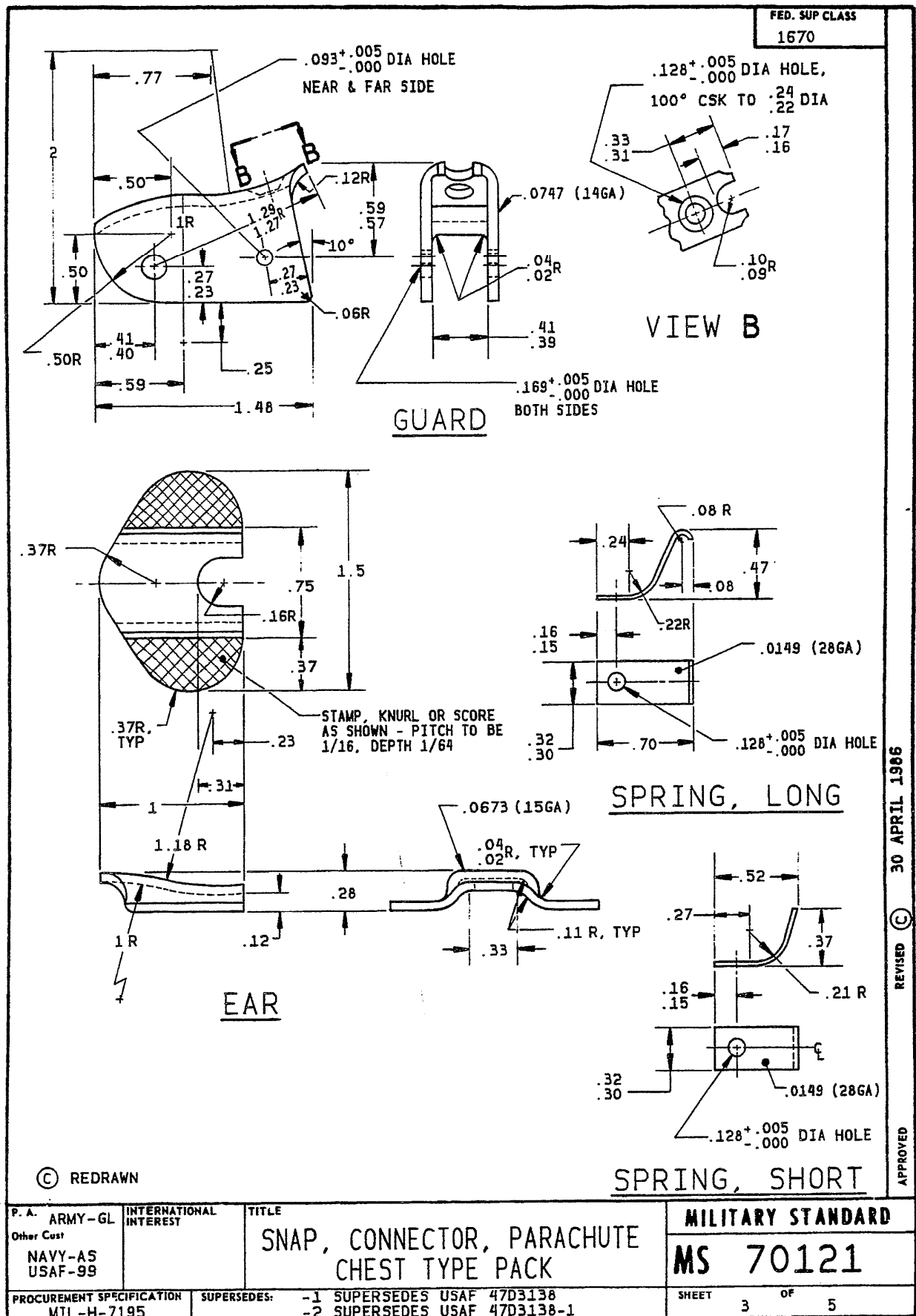
REVISED

APPROVED

USER ACTIVITIES: ARMY-AV  
NAVY-MC

REVIEWER ACTIVITIES: USAF-82

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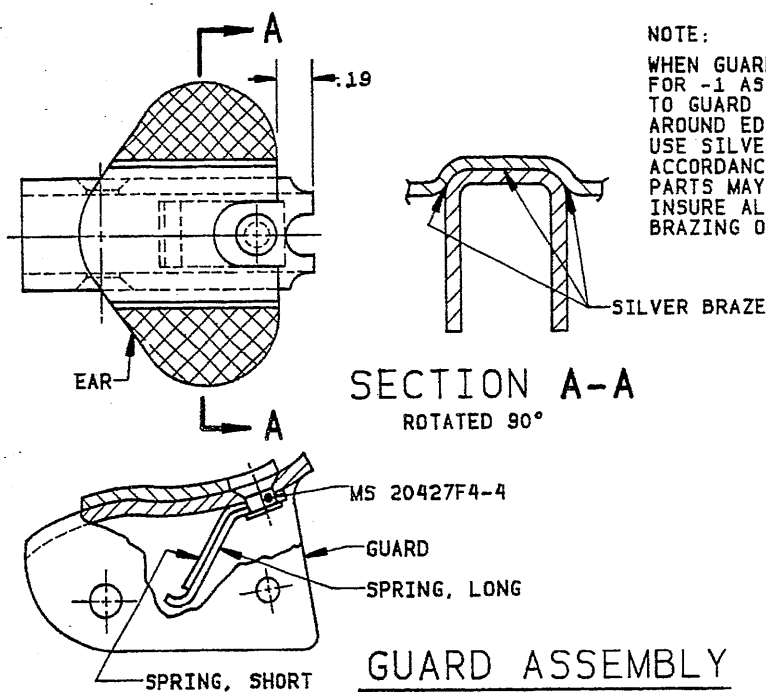


ARMY-AV  
NAVY-MC  
USAF-82

REVIEWER ACTIVITIES: USAF-82

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1670



NOTE:

WHEN GUARD WITH EAR IS REQUIRED FOR -1 ASSEMBLY, SILVER BRAZE EAR TO GUARD TO CLOSE ALL OPENINGS AROUND EDGES OF JOINT BETWEEN PARTS. USE SILVER BRAZING ALLOY IN ACCORDANCE WITH MIL-B-7883. PARTS MAY BE SPOT WELDED TO INSURE ALIGNMENT DURING BRAZING OPERATION.

SECTION A-A  
ROTATED 90°

GUARD ASSEMBLY

(SHOWN WITH EAR)

NOTES:

1. MATERIAL: HOOK - STEEL, MIL-S-5626; OPTIONAL - MIL-S-6049, MIL-S-6050.  
GUARD AND EAR - STEEL, QQ-S-698, TEMPER AND FINISH OPTIONAL.  
SPRINGS, SHORT AND LONG - STEEL, 1095 PER MIL-S-7947 OR CRES TYPE 301 OR 302.  
RIVET - CORROSION-RESISTANT STEEL, MS 20427F4-4.  
CORROSION-RESISTANT STEEL, MS 20613-SC12.  
CARBON STEEL, MS 20427-SC10.
2. HEAT TREATMENT: HOOK - HEAT TREAT TO 160,000 TO 180,000 LBS/SQ. IN. TENSILE STRENGTH PER MIL-H-6875.  
SPRINGS, SHORT AND LONG - HT 1095 TO SPRING TEMPER PER MIL-H-6875 AFTER FORMING PRETEMPER CRES PER AMS 5546.
3. FINISH: HOOK, GUARD ASSEMBLY - CADMIUM PLATE, QQ-P-416 CLASS 1, TYPE I OR IMMERSION ZINC FLAKE/CHROMATE DISPERSION COATING PER MIL-C-87115, CLASS 3.
4. SURFACE ROUGHNESS:  $\sqrt{125}$  MAX, IN ACCORDANCE WITH AMERICAN NATIONAL STANDARD, ANSI B46.1.
5. DIMENSIONS: DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED HEREIN.  
TOLERANCES: DECIMALS  $\pm .03$ , ANGLES  $\pm 2^\circ$ .
6. REMOVE ALL BURRS AND SHARP EDGES.
7. PROOFLOAD: SNAP ASSEMBLY SHALL BE SUBJECTED TO THE PROOFLOAD SPECIFIED AND INDICATED BY ARROWS IN ACCORDANCE WITH THE PROCUREMENT SPECIFICATION.
8. GUARD ASSEMBLY SHALL PASS A .359 DIA. ROUND INTO HOOK.
9. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
10. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

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P. A. ARMY-GL Other Cust NAVY-AS USAF-99	INTERNATIONAL INTEREST	TITLE SNAP, CONNECTOR, PARACHUTE CHEST TYPE PACK	MILITARY STANDARD MS 70121
PROCUREMENT SPECIFICATION MIL-H-7195	SUPERSEDES: -1 SUPERSEDES USAF 47D3138 -2 SUPERSEDES USAF 47D3138-1	SHEET 4 OF 5	

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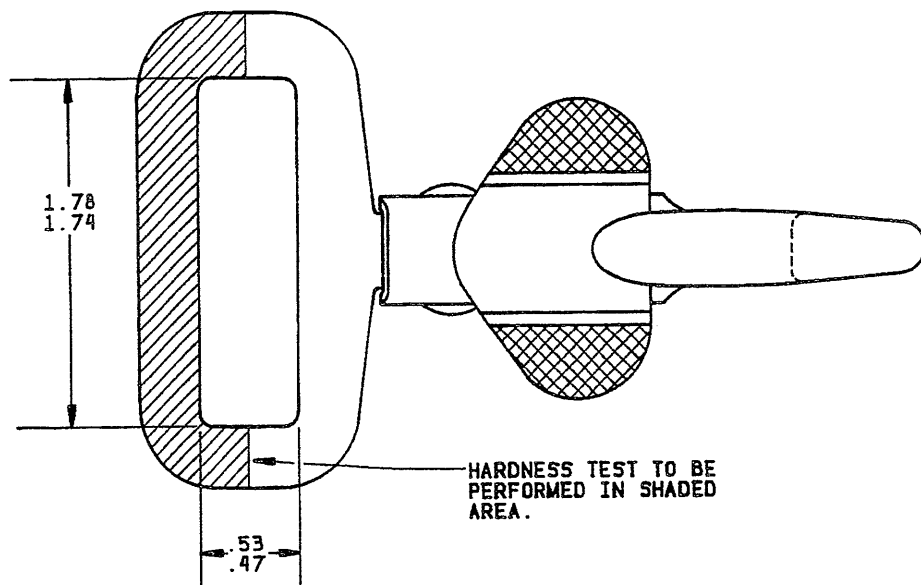
1670

# END ITEM EXAMINATION DIMENSION - FUNCTION TEST

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CRITICAL DIMENSIONS: AS SHOWN

CRITICAL FUNCTIONAL TESTS: SNAP HOOK ASSEMBLY SHALL PASS FREELY OVER A .359 DIA. BAR.

© THIS SHEET ADDED.

P. A. ARMY-GL Other Cost NAVY-AS USAF-99	INTERNATIONAL INTEREST	TITLE SNAP, CONNECTOR, PARACHUTE CHEST TYPE PACK	MILITARY STANDARD	
			MS	70121
PROCUREMENT SPECIFICATION MIL-H-7195	SUPERSEDES:	-1 SUPERSEDES USAF 47D3138 -2 SUPERSEDES USAF 47D3138-1	SHEET	5 OF 5

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