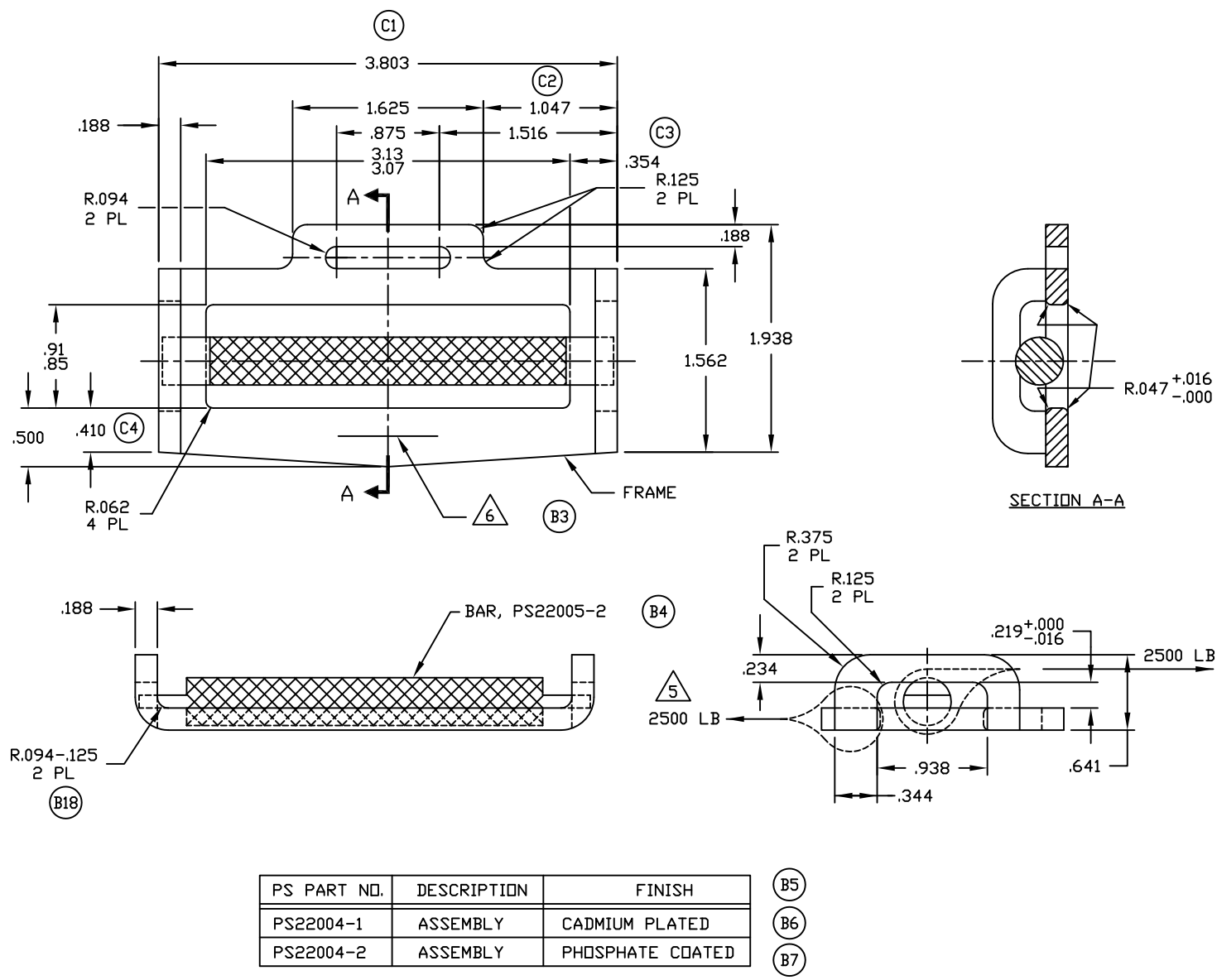


REVISED (A) 1/11/2005, REVISED (B) DATE 5/03/07, REVISED (C) 8/23/12. REAFFIRMED 8/19/16.



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Title
 ADJUSTER, LAP,
 AIRCRAFT SAFETY BELT

PIA Standard
 PS22004

Procurement Specification
 PIA-H-7195 (B2)

Adapted From:
 MS22004 (C) 1/11/05 (B20)

Documents
 Sheet 1 of 3

REVISED Ⓐ 1/11/2005, REVISED Ⓑ DATE 5/03/07, REVISED Ⓒ 8/23/12. REAFFIRMED 8/19/16.

NOTES:

1. MATERIAL: (B7)
FRAME - STEEL, 4140 PER AMS 6382 OR 4130 PER AMS 6350. (B8)
2. HEAT TREATMENT:
(A) HEAT TREAT TO 170,000 TO 190,000 PSI (RC 38-42) TENSILE STRENGTH (RC 38-42) PER AMS 2759. (B9)
HARDNESS TEST INSPECT TO LEVEL S-4 PER ANSI ASQ Z1.4, C=0.
3. FINISH: (B10)
(A) -1 CADMIUM PLATE PER AMS-QQ-P-416, CL I, TYPE I.
(B) -2 PHOSPHATE COATING PER MIL-DTL-16232, TYPE Z, CL 4 FOLLOWED BY WAX EMULSION. (B11)
PER MIL-DTL-3688.
4. UNLESS OTHERWISE SPECIFIED: (B12)
(A) ALL DIMENSIONS AFTER PLATING.
(B) REMOVE ALL BURRS AND SHARP EDGES WITH R.010 MIN.
(C) DIMENSIONS IN INCHES.
(D) TOLERANCES ±.030. (B19)
(E) ANGLES ±3°. 125 ✓
(F) SURFACE ROUGHNESS PER ANSI B46.1.
5. EACH ADJUSTER ASSEMBLY SHALL BE SUBJECTED TO 2500 LB PROOF LOAD IN DIRECTION AS INDICATED BY ARROWS.
6. MARKING: PERMANENTLY MARK METAL STAMP PART NO. (WITH APPROPRIATE DASH NUMBER), (B14) (B13)
MANUFACTURERS SYMBOL, MONTH AND YEAR OF MFG (LAST TWO DIGITS) USING .12 HIGH GOTHIC CHARACTERS PER MIL-STD-130.
7. END ITEM EXAMINATION: (B15)
CRITICAL FUNCTION TEST: BAR SHALL MOVE FREELY. (B16) (B17)

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		PS22004
Procurement Specification PIA-H-7195 (B2)	Adapted From: MS22004 Ⓒ 1/11/05 (B20)	 Documents Sheet 2 of 3 (B1)