



SCALE: 0.7X

DESIGN NOTES: AN9-56A AIRFRAME BOLT

1. LENGTH 5-29/32" (5.906"), GRIP 5" (5.000"), THREAD 9/16-18 UNF-3A.
2. PROCUREMENT SPECIFICATION NASM6812.
3. MATERIAL ALLOY STEEL PER PROCUREMENT SPECIFICATION.
 UNS G40370 AMS6300 DFAR EXEMPT
 UNS G87400 AMS6322 DFAR APPLIES
 UNS G41400 AMS6382 DFAR APPLIES
 UNS G41300 AMS-S-6758 DFAR APPLIES
4. HEAT TREAT AMS-2759 HRC 26-32.
5. FINISH CADMIUM PLATED PER AMS-QQ-P-416, TYPE 2 (YELLOW), CLASS 2.
6. THREADS 9/16-18 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 23,600 LBS. [104,978 N] MIN.
8. YIELD 18,100 LBS. [80,512 N] MIN.
9. SINGLE SHEAR 18,700 LBS. [83,181 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 9-56 C2 CADMIUM TYPE 2 YELLOW PLATING
 AFC 9-56 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
 AFC 9-56 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
 ↑ LENGTH 5.906"
 ↑ BODY SIZE & THREAD .563-18 UNF-3A
 ↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
 PART NUMBER: AN9-56A

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| DIMENSIONS ARE IN INCHES AND TOLERANCES ARE AS SHOWN BELOW. DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982 | PROPRIETARY PARTS SHOWN IN THIS DRAWING ARE THE SUBJECT OF ISSUED UNITED STATES AND FOREIGN PATENTS AND PATENTS PENDING. UNAUTHORIZED REPRODUCTION AND/OR DISTRIBUTION OF THIS DRAWING IS STRICTLY PROHIBITED. | | AIRFASCO.com 2655 HARRISON AVE SW, CANTON, OHIO 44706 USA | |
| | APPROVALS DRAWN M.B. CHECKED T.W. ENG APPR B.E. MGR APPR D.D. | | PART NUMBER: AN9-56A_AFC9-56C2 SIZE A MATERIAL: 4037 / 8740 OR AS NOTED SCALE: 0.7X | |
| ANGLES ±5° .XX ±.03" .XXX ±.010" .XXXX ±.001" | DATE 11/17/14 11/17/14 11/17/14 | | REV EST. WEIGHT: .470 / EACH LBS. [213.2 g] DRAWING NUMBER: AN9-56A_AFC9-56C2 SHEET 1 OF 1 | |