



SCALE: 1X

DESIGN NOTES: AN3-55A AIRFRAME BOLT

1. LENGTH 5-21/32" (5.656"), GRIP 5-1/4" (5.250"), THREAD 10-32 UNF-3A.
2. PROCUREMENT SPECIFICATION NASM6812.
3. PREFERRED 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 10-32 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 2,210 LBS. [9,830 N] MIN.
8. YIELD 1,690 LBS. [7,517 N] MIN.
9. SINGLE SHEAR 2,125 LBS. [9,415 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 3-55 C2 CADMIUM TYPE 2 YELLOW PLATING
 AFC 3-55 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
 AFC 3-55 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
 ↑ LENGTH 5.656"
 ↑ BODY SIZE & THREAD .190-32 UNF-3A
 ↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
 PART NUMBER: AN3-55A

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 C.D. CHECKED T.W. ENG APPR B.E. MGR APPR D.D.		PART NUMBER: AN3-55A_AFC3-55C2 SIZE A MATERIAL: 4037 / 8740 OR AS NOTED EST. WEIGHT: .048 / EACH LBS. [22.2 g]	
ANGLES ±5° .XX ±.03" .XXX ±.010" .XXXX ±.001"	DATE 6/10/13 6/10/13 6/10/13		REV SCALE: 1X DRAWING NUMBER: AN3-55A_AFC3-55C2 SHEET 1 OF 1	