



SCALE: 2X

**DESIGN NOTES: AN3H3A AIRFRAME BOLT**

1. LENGTH 15/32" (.469"), GRIP 1/16" (.062"), THREAD 10-32 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 MIL-S-6758 DFAR APPLIES
4. HEAT TREAT MIL-H-6875 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.

EXAMPLE PART NUMBER

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



ACTUAL SIZE

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20 REV 2  
 PART NUMBER: AN3H3

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.		<b>AIRFASCO.com</b> 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: AN3H3A_AFC3-3DHC2 SIZE A MATERIAL: 4037 / 8740 OR AS NOTED EST. WEIGHT: .007 / EACH LBS. [3.17 g]	
ANGLES ±1° .XX ±.03" .XXX ±.010" .XXXX ±.001"	DATE 6/10/13 6/10/13 6/10/13		REV SCALE: 2X DRAWING NUMBER: AN3H3A_AFC3-3DHC2 SHEET 1 OF 1	