

SCALE: 2X

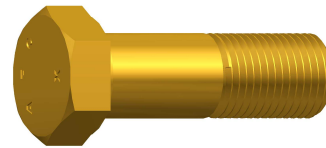
**DESIGN NOTES: AN7-12A AIRFRAME BOLT**

1. LENGTH 1-11/32" (1.343"), GRIP 11/16" (.687"), THREAD 7/16-20 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 7/16-20 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 13,600 LBS. [60,495 N] MIN.
8. YIELD 10,430 LBS. [46,394 N] MIN.
9. SINGLE SHEAR 11,250 LBS. [50,042 N] MIN. SHORT LENGTH N/A.

EXAMPLE PART NUMBER

AFC 7-12 C2- CADMIUM TYPE 2 YELLOW PLATING  
AFC 7-12 C1- CADMIUM TYPE 1 PLAIN WHITE PLATING  
AFC 7-12 TDC- THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
↑ LENGTH 1.343"  
↑ BODY SIZE & THREAD .437-20 UNF-3A  
↑ MANUFACTURER AIRFASCO



ACTUAL SIZE

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
PART NUMBER: AN7-12A

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		DATE	PART NUMBER: AN7-12A_AFC7-12C2
ANGLES	±5°	DRAWN M.B.	4/11/14	REV
.XX	±.03"	CHECKED T.W.	4/11/14	SIZE A
.XXX	±.010"	ENG APPR B.E.	4/11/14	MATERIAL: 4037 / 8740 OR AS NOTED
.XXXX	±.001"	MGR APPR D.D.	4/11/14	EST. WEIGHT: .076 / EACH LBS. [34.6 g]
SCALE: 2X		DRAWING NUMBER: AN7-12A_AFC7-12C2		SHEET 1 OF 1