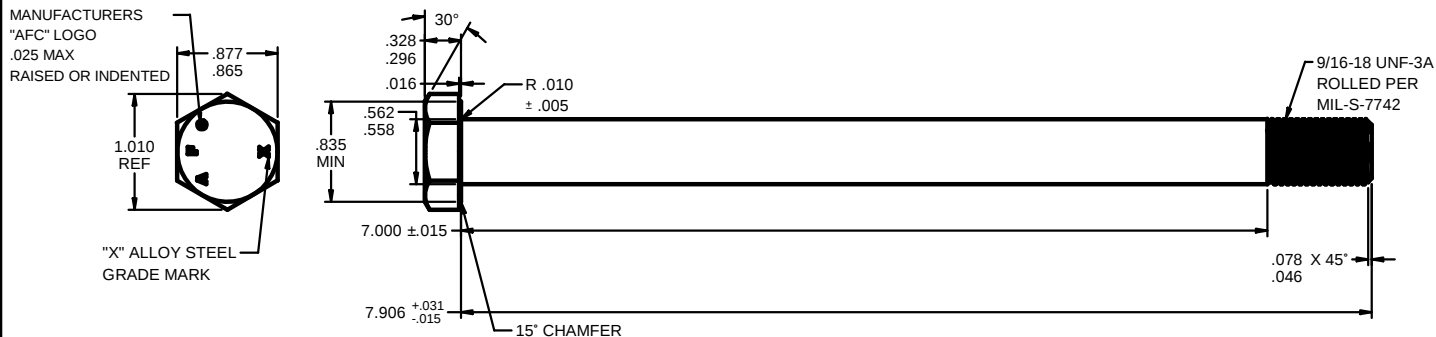




SCALE: 0.6X

DESIGN NOTES: AN9-76A AIRFRAME BOLT

1. LENGTH 7-29/32" (7.906"), GRIP 7" (7.000"), 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.



.5X ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 9-76 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 9-76 C1- CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 9-76 TDC THERMAL DIFFUSION COATED ASTM A1059
↑ FINISH
↑ LENGTH 7.906"
↑ BODY SIZE & THREAD .563-18 UNF-3A
↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN9-76A

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	DATE	PART NUMBER:	AN9-76A_AFC9-76C2	REV
ANGLES ±5°	DRAWN M.B.	11/17/14	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .593 / EACH LBS. [269.2 g]
XX ±.03"	CHECKED T.W.	11/17/14	SCALE: 0.6X	DRAWING NUMBER: AN9-76A_AFC9-76C2	SHEET 1 OF 1
XXX ±.010"	ENG APPR B.E.	11/17/14			
XXXX ±.001"	MGR APPR D.D.	11/17/14			