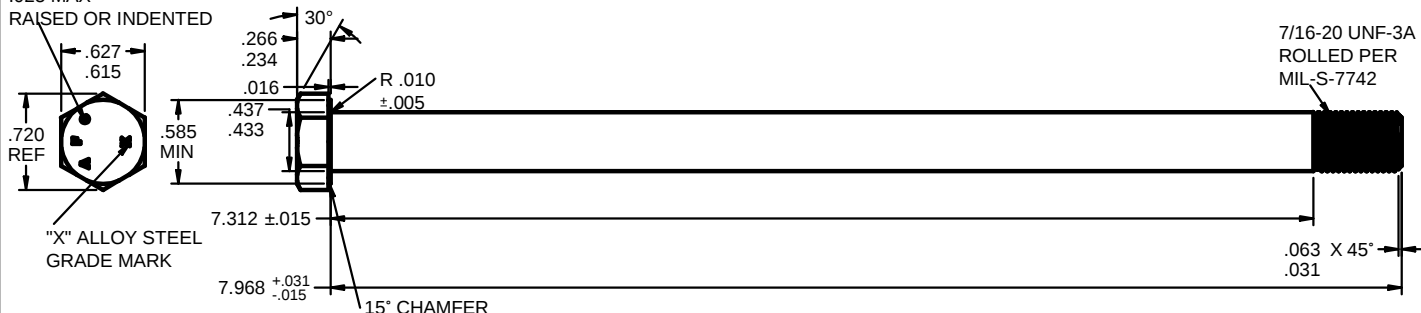


MANUFACTURERS

"AFC" LOGO

.025 MAX

RAISED OR INDENTED



SCALE: 0.70X

DESIGN NOTES: AN7-77A AIRFRAME BOLT

1. LENGTH 7-31/32" (7.968"), GRIP 7-5/16" (7.312"), 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.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 7-77 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 7-77 CI- CADMIUM TYPE I PLAIN WHITE PLATING
AFC 7-77 TDG THERMAL DIFFUSION COATED ASTM A1059

FINISH

LENGTH 7.968"

BODY SIZE & THREAD .437-20 UNF-3A

MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN7-77A

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: AN7-77A_AFC7-77C2		REV
ANGLES	±5°	DRAWN M.B.	4/11/14		
XX	±.03"	CHECKED T.W.	4/11/14		
XXX	±.010"	ENG APPR B.E.	4/11/14		
XXXX	±.001"	MGR APPR D.D.	4/11/14		
SCALE: 0.70X		DRAWING NUMBER: AN7-77A_AFC7-77C2		SHEET 1 OF 1	