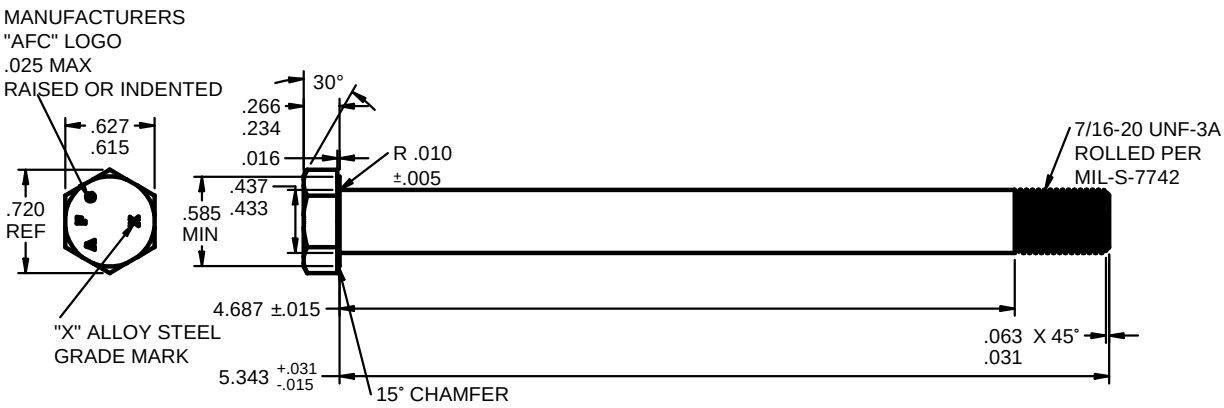

SCALE: 0.75X

DESIGN NOTES: AN7-52A AIRFRAME BOLT

1. LENGTH 5-11/32" (5.343"), GRIP 4-11/16" (4.687"), 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.

ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 7-52 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 7-52 CI - CADMIUM TYPE I PLAIN WHITE PLATING
AFC 7-52 TDC THERMAL DIFFUSION COATED ASTM A1059

- FINISH
- LENGTH 5.343"
- BODY SIZE & THREAD .437-20 UNF-3A
- MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN7-52A

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: AN7-52A_AFC7-52C2	REV
ANGLES ±5°	DRAWN M.B. 4/11/14		
.XX ±.03"	CHECKED T.W. 4/11/14	SIZE A / MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .243 / EACH LBS. [110.6 g]
.XXX ±010"	ENG APPR B.E. 4/11/14		
.XXXX ±.001"	MGR APPR D.D. 4/11/14	SCALE: 0.75X / DRAWING NUMBER: AN7-52A_AFC7-52C2	SHEET 1 OF 1