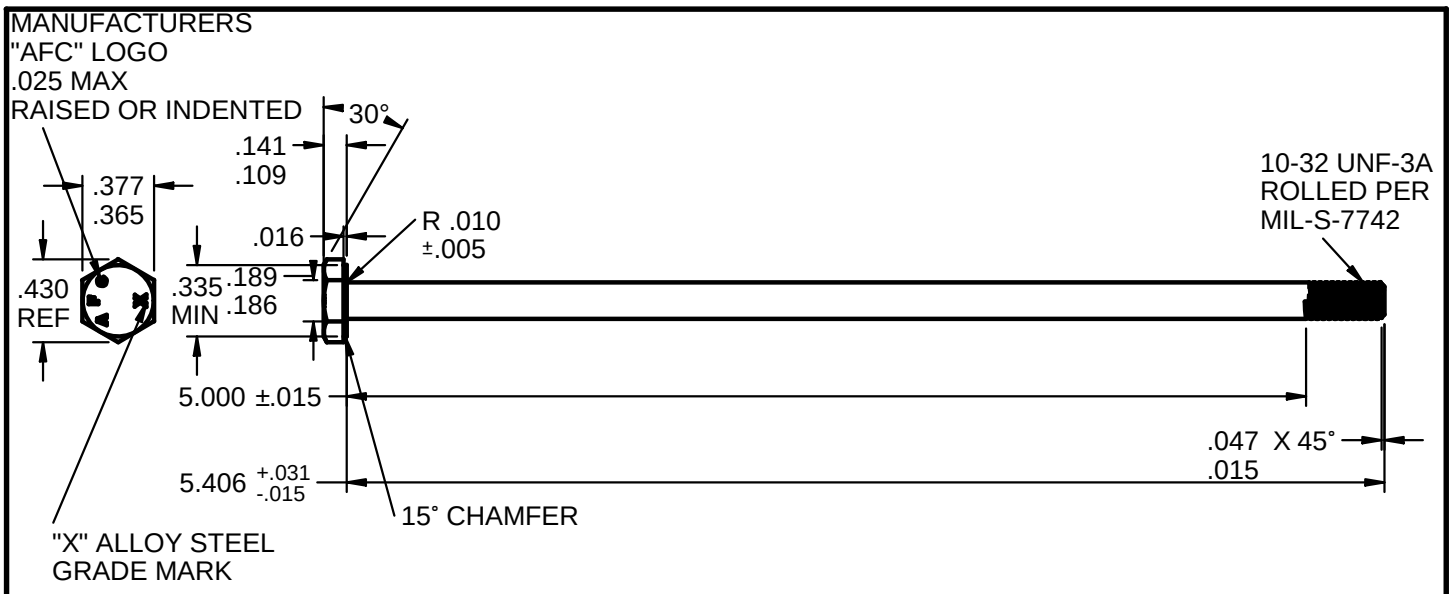

SCALE: 1X

DESIGN NOTES: AN3-53A AIRFRAME BOLT

1. LENGTH 5-13/32" (5.406"), GRIP 5" (5.000"), THREAD 10-32 UNF-3A.
2. PROCUREMENT SPECIFICATION NASM6812.
3. PREFERED 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 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.

ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 3-53 C2 - CADMIUM TYPE 2 YELLOW PLATING
AFC 3-53 C1 - CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 3-53 TDC - THERMAL DIFFUSION COATED ASTM A1059

FINISH
LENGTH 5.406"
BODY SIZE & THREAD .190-32 UNF-3A
MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN3-53A

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: AN3-53A_AFC3-53C2	REV
ANGLES	±5°	DRAWN C.D.	6/10/13		
.XX	±.03"	CHECKED T.W.	6/10/13	SIZE A / MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .045 / EACH LBS. [20.41 g]
.XXX	±010"	ENG APPR B.E.	6/10/13		
.XXXX	±.001"	MGR APPR D.D.	6/10/13	SCALE: 1X / DRAWING NUMBER: AN3-53A_AFC3-53C2	SHEET 1 OF 1