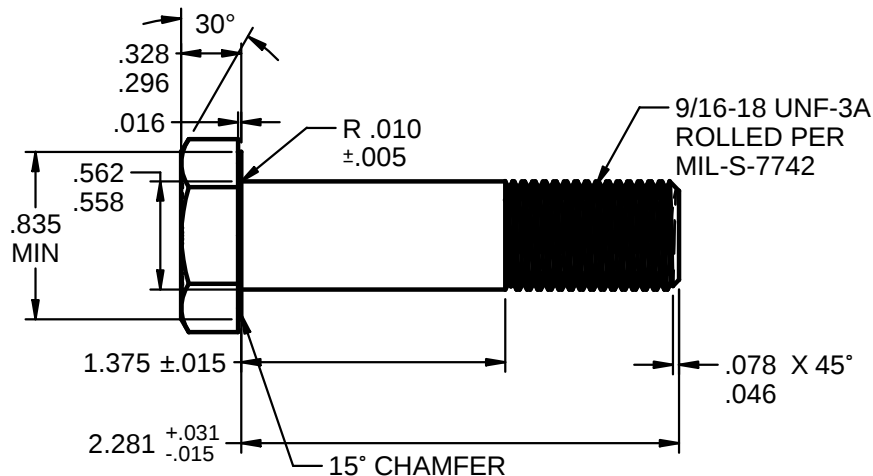
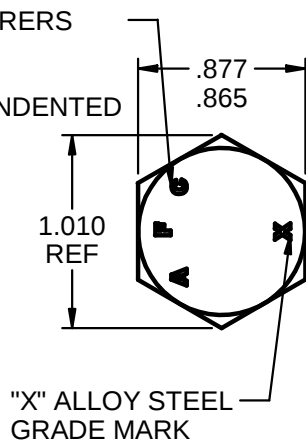


MANUFACTURERS  
"AFC" LOGO  
.025 MAX  
RAISED OR INDENTED



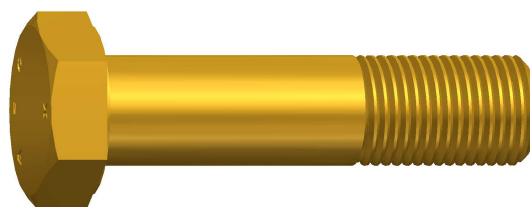
SCALE: 1.0X

#### DESIGN NOTES: AN9-21A AIRFRAME BOLT

1. LENGTH 2-9/32" (2.281"), GRIP 1-3/8" (1.375"), 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.

#### EXAMPLE PART NUMBER

AFC 9-21 C2 - CADMIUM TYPE 2 YELLOW PLATING  
AFC 9-21 C1 - CADMIUM TYPE 1 PLAIN WHITE PLATING  
AFC 9-21 TDC - THERMAL DIFFUSION COATED ASTM A1059  
↑ FINISH  
↑ LENGTH 2.281"  
↑ BODY SIZE & THREAD .563-18 UNF-3A  
↑ MANUFACTURER AIRFASCO



ACTUAL SIZE

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
PART NUMBER: AN9-21A

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.

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| APPROVALS   |        | DATE                              | PART NUMBER: AN9-21A_AFC9-21C2 |              | REV |
|-------------|--------|-----------------------------------|--------------------------------|--------------|-----|
| ANGLES      | ±5°    | DRAWN M.B.                        | 11/17/14                       |              |     |
| XX          | ±.03"  | CHECKED T.W.                      | 11/17/14                       |              |     |
| XXX         | ±.010" | ENG APPR B.E.                     | 11/17/14                       |              |     |
| XXXX        | ±.001" | MGR APPR D.D.                     | 11/17/14                       |              |     |
| SCALE: 1.0X |        | DRAWING NUMBER: AN9-21A_AFC9-21C2 |                                | SHEET 1 OF 1 |     |