



SCALE: 0.65X

**DESIGN NOTES: AN9-66A AIRFRAME BOLT**

1. LENGTH 6-29/32" (6.906"), GRIP 6" (6.000"), 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.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 9-66 C2 CADMIUM TYPE 2 YELLOW PLATING  
 AFC 9-66 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING  
 AFC 9-66 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
 ↑ LENGTH 6.906"  
 ↑ BODY SIZE & THREAD .563-18 UNF-3A  
 ↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
 PART NUMBER: AN9-66A

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.		<b>AIRFASCO.com</b> 2655 HARRISON AVE SW, CANTON, OHIO 44706 USA	
	APPROVALS DRAWN M.B. DATE 11/17/14		PART NUMBER: AN9-66A_AFC9-66C2 REV	
ANGLES ±5°	CHECKED T.W. DATE 11/17/14	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .531 / EACH LBS. [241.2 g]
.XX ±.03"	ENG APPR B.E. DATE 11/17/14	SCALE: 0.65X		DRAWING NUMBER: AN9-66A_AFC9-66C2 SHEET 1 OF 1
.XXX ±.010"	MGR APPR D.D. DATE 11/17/14			
.XXXX ±.001"				