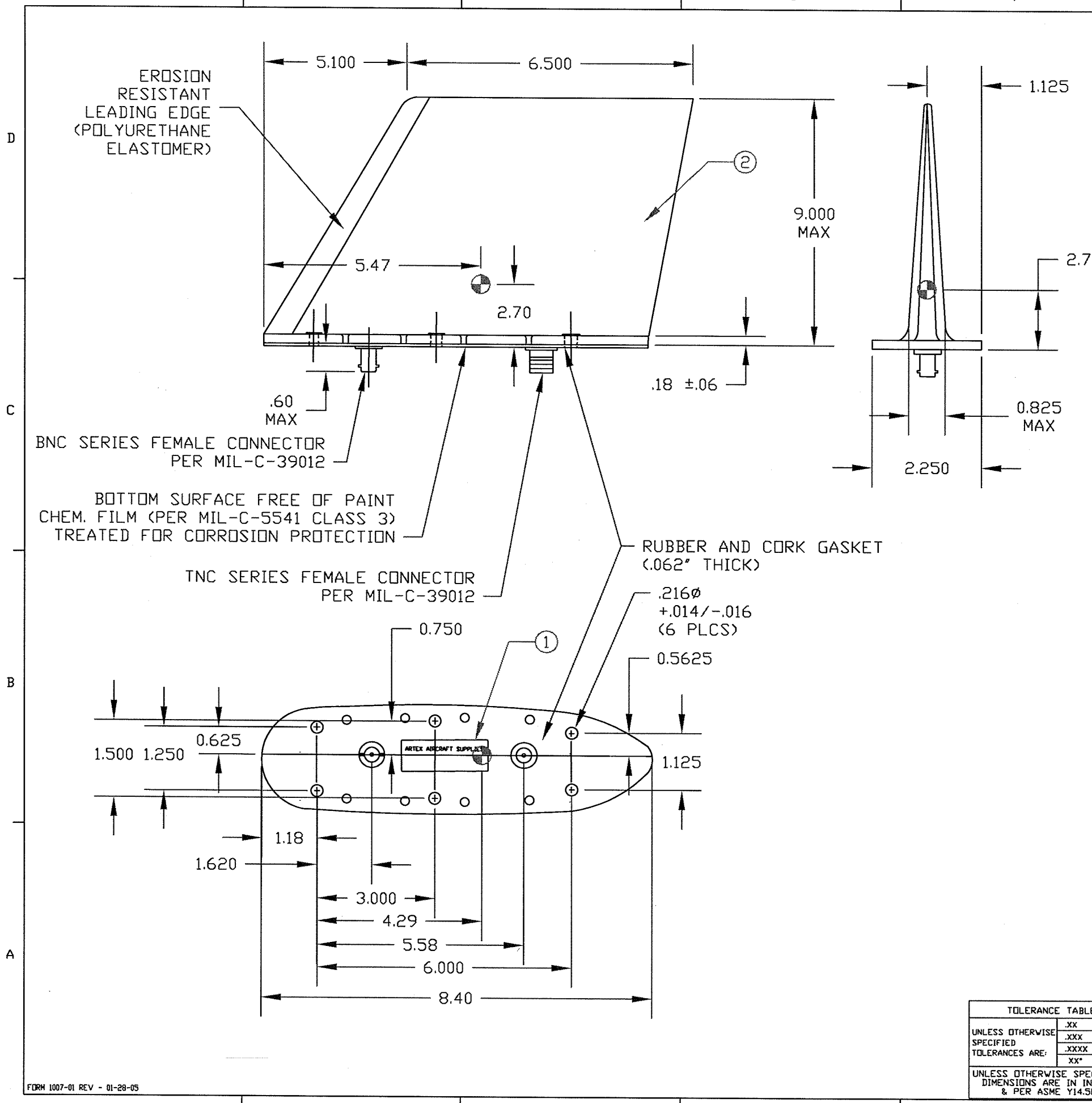


DATE	SYM	REVISION RECORD	AUTH	DR	CK
10-05-99	B	ECO-1243	DQ	JB	JP
03-29-00	B	ECO-1365	DQ	DF	HB
04-26-05	B	DCN 2581		<i>DF</i>	<i>DE</i>



NOTES:

- RF CHARACTERISTICS
 - 1.1 FREQUENCIES: 121.5 MHz, 243MHz AND 406 MHz
 - 1.2 VSWR: 2.0:1 OR BETTER @ 121.5/243.0MHz
1.5:1 OR BETTER @ 406 MHz
 - 1.3 IMPEDANCE: 50 OHMS NOMINAL
 - 1.4 POLARIZATION: VERTICAL
 - 1.5 RADIATION PATTERN: OMNI-DIRECTIONAL
- FINISH: WHITE POLYURETHANE PAINT.
- WEIGHT: 1.2 LBS (1 LB, 3.2 OZ) MAX.
- ANTENNA SIDE LOAD STRENGTH: 8 LBS PER SQUARE INCH.
- AIR SPEED RATING: 600 KNOTS TAS
- CONNECTOR: BNC(F) FOR 121.5, 243 MHz
TNC(F) FOR 406 MHz
- MOUNTING GASKET IS PART OF ITEM #2 (PART NO. 870-2028-01).
- TEMPERATURE SPECIFICATION: STORAGE: -55° TO +85°C
OPERATING: -20° TO +55°C
- APPLY LABEL (ITEM 1) OVER MANUFACTURER'S ID PLATE. ENSURE SERIAL NUMBER ON LABEL MATCHES MANUFACTURER'S SERIAL NUMBER.

INSTALLATION INSTRUCTIONS:

- MOUNT ANTENNA USING 100° COUNTERSUNK HEAD #10-32 STAINLESS STEEL MACHINE SCREWS AND ASSOCIATED HARDWARE AND TORQUE TO 23 IN-POUNDS (MAX).
- PROVIDE A .625" (5/8") DIAMETER HOLE FOR BNC CONNECTOR AND A .703" (45/64") DIAMETER HOLE FOR THE TNC CONNECTOR.
- THE CORK GASKET ADHERED TO THE BOTTOM OF THE ANTENNA IS FOR SEALING PURPOSES ONLY AND MAY BE REMOVED. IF THE GASKET IS REMOVED, A LAYER OF ANTI-CORROSION BONDING GREASE SHOULD BE APPLIED BETWEEN THE AIRCRAFT AND THE ANTENNA.

ITEM	PART NO.	REV	DESCRIPTION	QTY
2	870-2028-01	A	ANTENNA, DUAL ELEMENT BLADE (720047-1)	1
1	591-3370-01	B	LABEL "406 BLADE ANTENNA"	1

ARTEX AIRCRAFT SUPPLIES, INC.
14405 KEIL ROAD NE, AURORA, OR. 97002

SCALE: NONE	APPROVED BY: <i>[Signature]</i>	REVISED BY: CL
ORG. DR. BY: DF		REV. DATE: 04-26-05
ORG. DATE: 05-24-94		

ANTENNA, 406 BLADE		
SIZE: B	SHEET 1 OF 1	DRAWING NUMBER: 110-328-01
		REV. B

TOLERANCE TABLE	
UNLESS OTHERWISE SPECIFIED	.XX ±.03
	.XXX ±.010
TOLERANCES ARE:	.XXXX ±.0050
	XX* ±1*
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES & PER ASME Y14.5M	

REVISION HISTORY ON SHEET 1

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