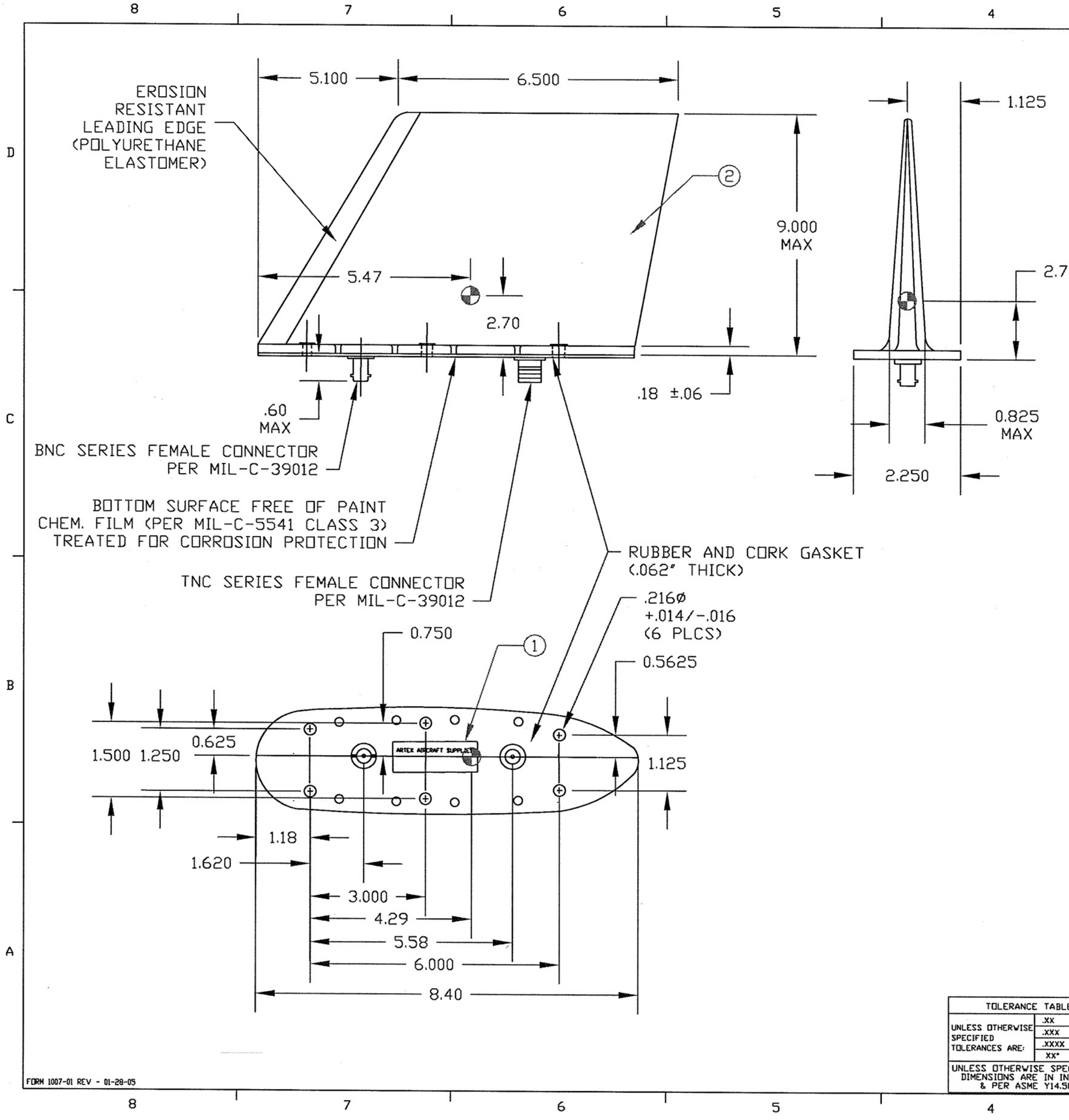


| DATE | SYM | REVISION RECORD | AUTH | DR | CK |
|----------|-----|-----------------|------|----|----|
| 10-05-99 | B | ECO-1243 | DQ | JB | JP |
| 03-29-00 | B | ECO-1365 | DQ | DF | HB |
| 04-26-05 | B | DCN 2581 | | DF | DE |



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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