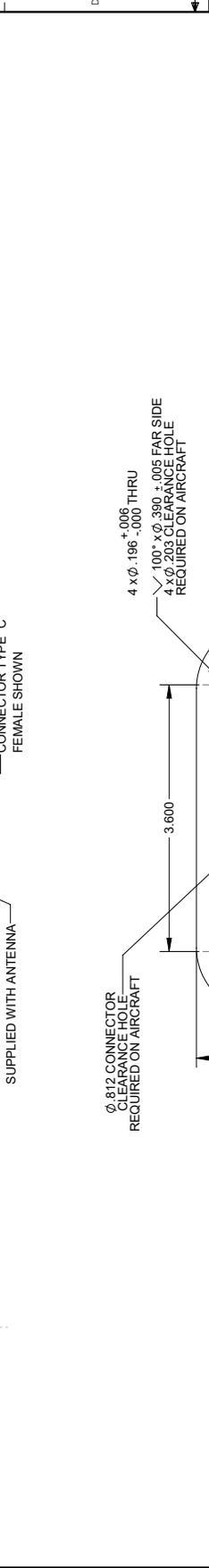
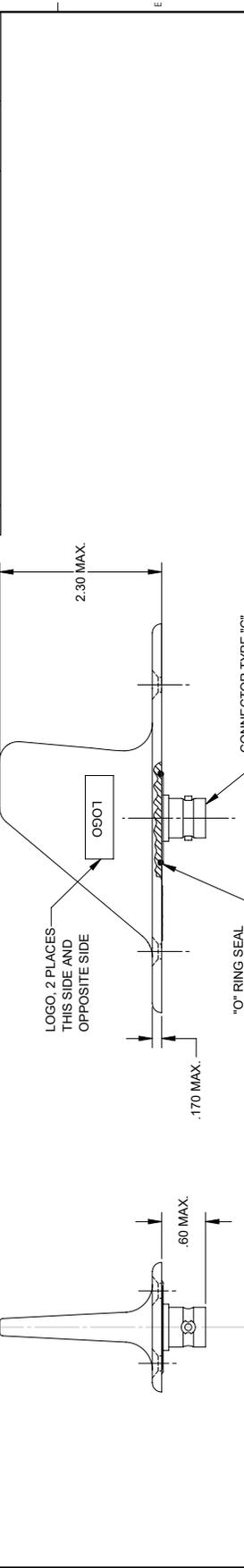


REVISIONS	
LTR	DESCRIPTION
A	RELEASED DRAWING
B	REF ECN 08-095
C	REF ECN 14-113
D	REF ECN 16-016
E	REF ECN 20-067



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL / SPECIFICATIONS
PARTS LIST			
UNLESS OTHERWISE SPECIFIED	CONTRACT NO.		
DIMENSIONS ARE IN INCHES	TOLERANCES ON		
DECIMALS .XX ± .03 .XXX ± .010	FRACTIONS 1/16 ANGLES ± 1°		
MACHINE FINISH 75°/PER ANSI-B46.1	DRAWN J. FRANKS		
REMOVE BURRS AND	CHECK J. GOMEZ		
SHARP EDGES 0.015 MAX.	ENGR D. HOLLOWAY		
SPRINGS ARE PER ASME Y14.5M	DATE 6/29/04		
DIMENSIONS ARE PER ASME Y14.5M	ENGR S. ADAMS		
MATERIAL :	OC		
DO NOT SCALE DRAWING	APPD D. HOLLOWAY		
DATE 6/29/04	SCALE: 1/1/1		
REV. 1	CAD FILE: ---		
REV. 1	SHEET: 1 OF 1		

INSTALLATION DRAWING

Comant Industries, Inc.

DME / TRANSPONDER

ATCRBS / MODE S ANTENNA

CODE IDENT: **C 51351** DWG. NO. **CI 110-40-30**

ASSY DWG. D11013

1. RF CHARACTERISTICS:
 FREQUENCY 960 - 1220 MHz
 VSWR 1.5:1 MAX
 POWER PEAK 3KW
 AVERAGE 100W
 IMPEDANCE RF 50 OHMS
 DC OPEN CIRCUIT
 POLARIZATION VERTICAL
 GAIN AVERAGE AT HORIZONTAL: 0 dB
 RADIATION PATTERN OMNI DIRECTIONAL.
 EQUIVALENT OF A QUARTER WAVE STUB

2. FINISH: GLOSS WHITE POLYURETHANE ENAMEL PAINT.
 3. MOUNTING SURFACE: CHEM FILM CLASS 3 CLEAR PER MIL-C-5541
 4. SIDE LOAD: WILL WITHSTAND 175 LBS.
 5. APPROVAL: TSO C74c (ATC TRANSPONDER)
 TSO C86c (DME)
 TSO C112 (ATCRBS / MODE S) CLASS 1A
 RTCA DO-160D ENV. CAT. : F2XACB(S)(U)(F)(I)(C)(I,R)
 XRFDXSXXXXXX[1]A[XX].

6. WEIGHT: .25 LB.
 7. A1-1017 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.