



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

LTR	DESCRIPTION	DATE	APPROVED
A	RELEASED DRAWING	06/29/04	DH 06/30/04
B	REF ECN 08-095	MN 1/22/09	DH 1/22/09
C	REF ECN 14-113	MN 10/07/14	DH 10/07/14
D	REF ECN 20-067	RM 9/25/20	DH 10/20/20

ITEM NO	PART NUMBER	DESCRIPTION	MATERIAL / SPECIFICATIONS
PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
DIMENSIONS TO SURF UNLESS NOTED OTHERWISE			
DECIMALS: XX.XX ± .03 XXX ± .010			
FRACTIONS: 1/16 ANGLES: ± 1°			
MACHINING TOLERANCES PER ANSI-B46.1			
MACHINE SURF FINISH: RA 32			
SHARP EDGES: .015 MAX			
MEET DIMENSIONS BEFORE PLATING			
DIMENSIONS ARE PER ASME Y14.5M			
MATERIAL:			
DO NOT SCALE DRAWING	APPD	D HOLLOWAY	SCALE: 1/1 CAD FILE: --

QTY	RECD	CONTRACT NO.	APPROVALS	DATE
			DRAWN J FRANKS	06/29/04
			CHECK J GOMEZ	06/29/04
			ENGR D HOLLOWAY	06/29/04
			OC S ADAMS	06/29/04
			APPD D HOLLOWAY	06/29/04

ASSY DWG. D11014

INSTALLATION DRAWING

COMANT INDUSTRIES, INC.
**DME / TRANSPONDER
 ATCRBS / MODE S ANTENNA**

CODE IDENT: **C 51351** DWG. NO: **CI 110-41-30** REV: **D**

SCALE: 1/1 OF 1

SPECIFICATION NOTES:

- RF CHARACTERISTICS:
 FREQUENCY 960 - 1220 MHz
 VSWR 1.5:1 MAX
 POWER PEAK 3KW
 AVERAGE 100W
 IMPEDANCE RF 50 OHMS
 POLARIZATION DC SHORT CIRCUIT
 GAIN VERTICAL
 RADIATION PATTERN AVERAGE AT HORIZONTAL: 0 dB
 OMNI DIRECTIONAL,
 EQUIVALENT OF A QUARTER WAVE STUB
- FINISH: GLOSS WHITE POLYURETHANE ENAMEL PAINT.
- MOUNTING SURFACE: CHEM FILM CLASS 3 CLEAR PER MIL-C-5541
- SIDE LOAD: WILL WITHSTAND 175 LBS.
- APPROVAL: TSO C74c (ATC TRANSPONDER)
 TSO C66c (DME)
 RTCA DO-160D ENV. CAT. :F2XKAB(S)UJ(F)T(C)C1(R)J
 XRFDXSXXXXXX[XXXXXX]TAXX.
- WEIGHT: .25 LB
- AT1018 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.