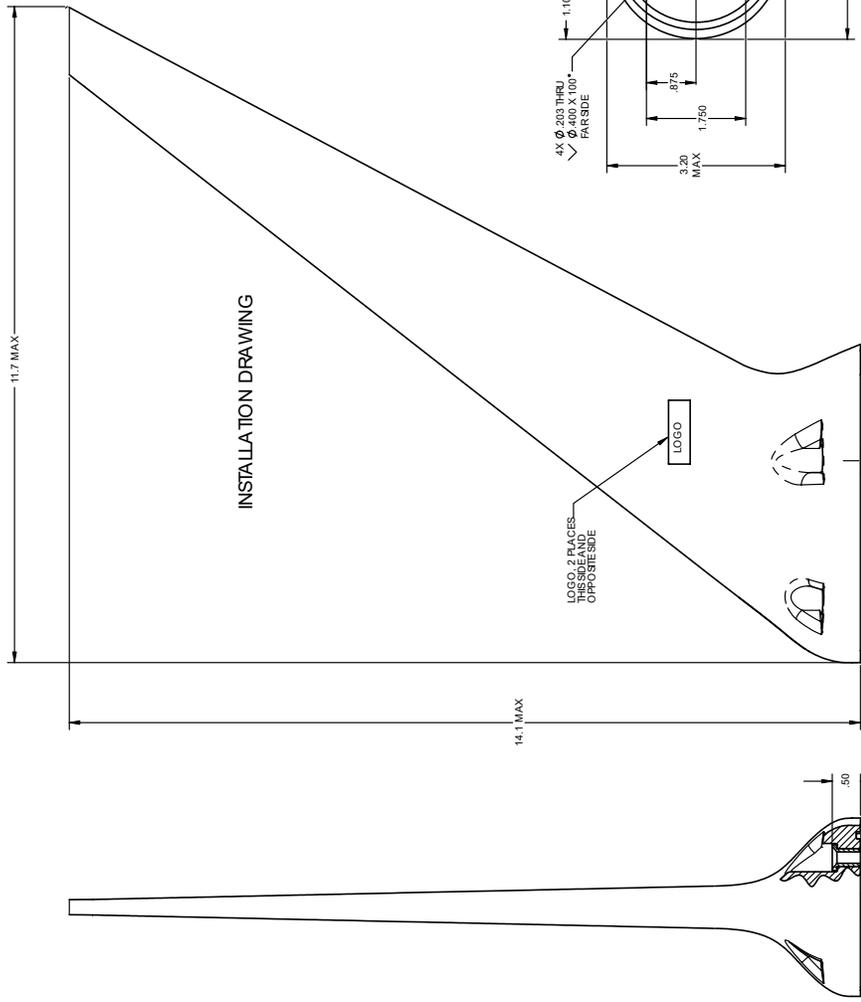


REVISIONS		DATE	APPROVAL
A.	RELEASED DRAWING	12/20/04	DAVIDSON
B.	REF ECN 08-055	12/08/05	DAVIDSON

**ANTENNA NOTES AND SPECIFICATIONS**

- 1.0 VHF ANTENNA CHARACTERISTICS (T<sub>a</sub> = 20°C ± 5°C)
  - 1.1 RF CHARACTERISTICS - VHF COMM
    - FREQUENCY \_\_\_\_\_ 118 - 137 MHz
    - VSWR \_\_\_\_\_ 2.8:1 MAX.
    - RL \_\_\_\_\_ -6.25 dB
  - POLARIZATION \_\_\_\_\_ VERTICAL
  - RADIATION PATTERN \_\_\_\_\_ OMNIDIRECTIONAL
  - POWER RATING \_\_\_\_\_ 50 WATTS
  - IMPEDANCE \_\_\_\_\_ 50 OHMS
- 2.0 ANTENNA WEIGHT \_\_\_\_\_ 1.25 LB. MAX.
- 3.0 TSO C175, C184
- 4.0 SHELL CONSTRUCTION MATERIAL - 60% GLASS-FILLED NYLON
- 5.0 FINISH - GLOSSY WHITE POLYURETHANE PAINT
- 6.0 MOUNTING SURFACE, CONNECTORS AND MOUNTING HOLES ARE FREE OF PAINT.
- 7.0 A268073 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.



**ASSEMBLY DRAWING NO. D268015**

REV	DATE	PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATIONS
D	5/13/01			

UNLESS OTHERWISE SPECIFIED		CONTRACT NO.	
TOLERANCES UNLESS NOTED	XX ±.00	XXX ±.010	
APPROVALS	DATE	APPROVALS	DATE
DESIGNED BY _____	12/20/04	DRAWN BY _____	12/20/04
CHECKED BY _____	12/20/04	ENGINEER BY _____	12/20/04
APPROVED BY _____	12/20/04	APPD BY _____	12/20/04

PARTS LIST		MATERIAL SPECIFICATIONS	
Comant Industries, Inc.			
<b>VHF ANTENNA</b>			
REV	DATE	REV	DATE
D	5/13/01	B	5/13/01
SCALE	1:1	SHEET	1 OF 1