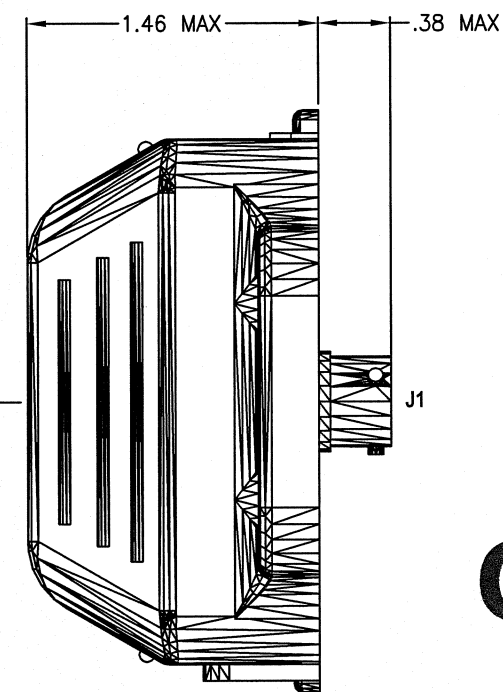
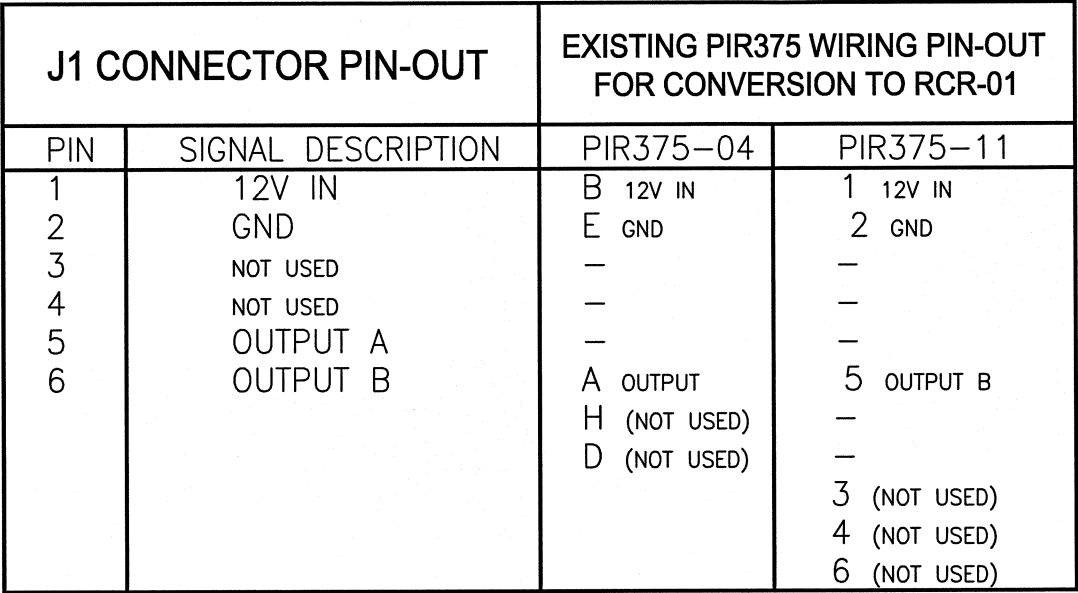


REVISION HISTORY				
REV	ECO NO.	DESCRIPTION	DATE	APVD
-	---	INITIAL RELEASE	041112	JT
A	041201-1	ADDED FCC COMPLIANCE STATEMENT ON SHEET 2	041207	ATC



ORIGINAL

OUTLINE DETAILS

AUTOCAD R14 DOCUMENT

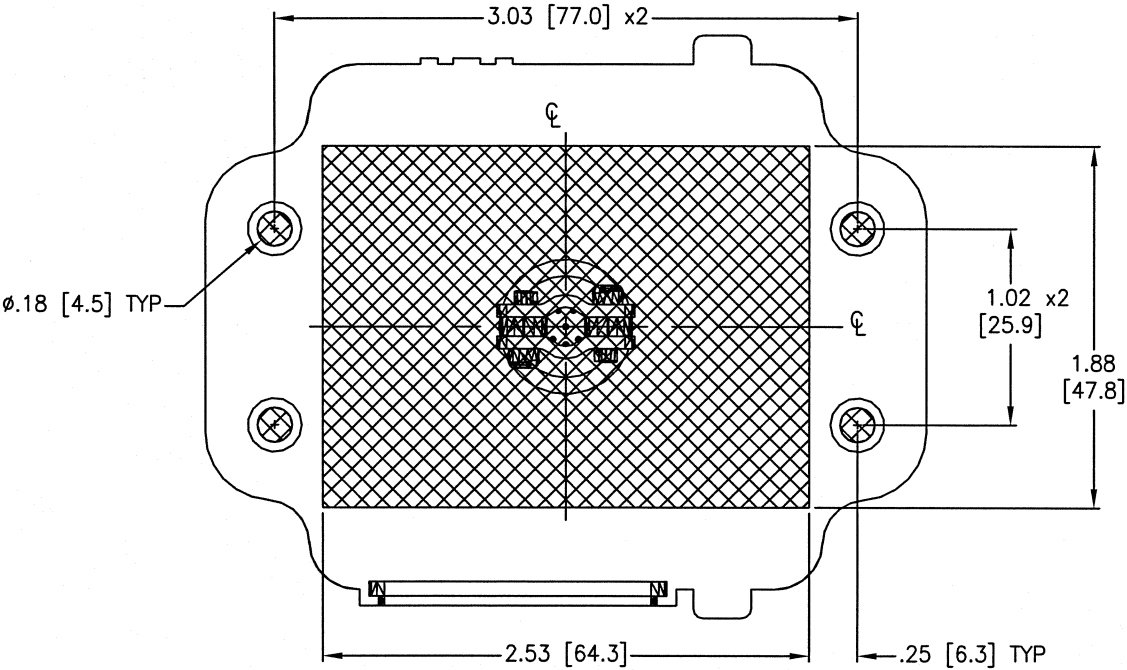
- | | | | | | | | | | |
|--|--|---|--|--------------------------|--|-------------------------|--|--|--|
| <div> <div>NA</div> <div>RCR-01</div> </div> | | UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES [MM]
TOLERANCES | | DRAWN BY
B.VINOGRADOV | | DATE
041112 | |  <div> securaplane
 TECHNOLOGIES INC </div> <div> 10800 N Mavinee Dr.
 Tucson, AZ 85737 </div> | |
| | | DECIMALS ANGULAR
.XX ± .010 X ± 1°
.XXX ± .005 X ± .5°
ALL SURFACES ^{ES} ✓
DO NOT SCALE DRAWING | | CHECKED BY | | 041112 | | | |
| | | TREATMENT
NONE | | P.THOMPSON | | 041112 | | | |
| | | FINISH
SEE NOTE 2 | | PROJECT ENG APPROVAL | | 041112 | | | |
| NEXT ASSY USED ON | | SIMILAR TO
NA | | ACT WT
NA | | CALC WT
NA | | TITLE
<div>RCR-01 OUTLINE</div> <div>(RANGE CONTROLLED RADAR)</div> | |
| FIRST APPLICATION | | D.LUKSO | | ENG DIVISION APPROVAL | | 041112 | | SIZE
B | |
| | | A.LUYK | | MFG APPROVAL | | 041112 | | CAGE CODE
0TMJ9 | |
| | | D.COLE | | QA APPROVAL | | 041112 | | DWG NO.
100-2418-01 | |
| | | K.STUCKY | | SCALE
1:1 | | TOP ASSY
101-2418-01 | | SHEET
1 OF 2 | |

RCR-01 RANGE ADJUSTMENT

NOTE: RCR-01 MUST BE INSTALLED AND WIRING CONTINUITY VERIFIED.
NOTE: RCR-01 IS SHIPPED WITH RANGE SET TO 2 FEET.

1. APPLY 12VDC TO RCR-01 USING SEPARATE POWER SUPPLY OR BY ARMING SYSTEM.
 2. PUT RCR-01 INTO SETUP MODE BY PLACING A SMALL MAGNET AT THE MAGNET TARGET POINT (APPROXIMATELY 5 SECONDS). THE LED's WILL FLASH, THE NUMBER OF FLASHES INDICATING THE CURRENT RANGE SETTING (IN FEET). REMOVE THE MAGNET.
 3. PERFORM AREA/RANGE COVERAGE TESTING BY MOVING HANDS OR OTHER OBJECTS AROUND THE INTENDED COVERAGE AREA.
- NOTE: THE RCR-01 FIELD WILL "SPILL" OUTSIDE THE WHEEL WELL OPENING. HOWEVER, THIS CONDITION IS ACCEPTABLE BECAUSE THE RCR-01 WILL NOT SENSE BEYOND THE SET RANGE. THE PIR375 WAS NOT RANGE LIMITED AND REQUIRED THE INFRARED VIEWING PATTERN BE CONTAINED WITHIN THE WHEEL WELL OPENING.
4. RANGE CAN BE INCREASED IN 1 FOOT INCREMENTS (UP TO 8 FEET) EACH TIME A MAGNET IS MOMENTARILY PLACED AT THE MAGNET TARGET POINT. ONCE IN THE 8 FOOT RANGE SETTING, AN ADDITIONAL MAGNET ACTIVATION RESTARTS RANGE SELECT SEQUENCE FROM THE 2 FOOT SETTING. WHEN THE MAGNET IS REMOVED THE LED's WILL FLASH THE CURRENT RANGE SETTING (IN FEET). SET THE RANGE TO LOWEST RANGE THAT, IN COMBINATION WITH THE OTHER RCR DETECTORS IN THE SAME WHELLWELL, PROVIDES FULL WHEEL WELL DETECTION.
- NOTE: IT IS IMPORTANT TO SECURE ANY "REMOVE BEFORE FLIGHT" FLAGS IN OR NEAR THE WHEEL WELLS AS RAPID MOVEMENT OF THE FLAG MAY FALSELY TRIGGER THE RCR-01 SENSOR. FLAGS MAY BE SECURED USING WEIGHTS, BUNGEE CORDS OR VELCRO FASTENERS.
5. ONCE THE RANGE IS ADJUSTED TO CREATE AN ACCEPTABLE COVERAGE AREA, EXIT THE SETUP MODE BY PLACING A MAGNET AT THE MAGNET TARGET POINT UNTIL THE LED's RAPIDLY FLASH 10 TIMES. REMOVE THE MAGNET. SET UP MODE WILL TERMINATE IF POWER IS REMOVED OR AFTER 5 MINUTES, ALWAYS RETAINING THE LAST SELECTED RANGE.

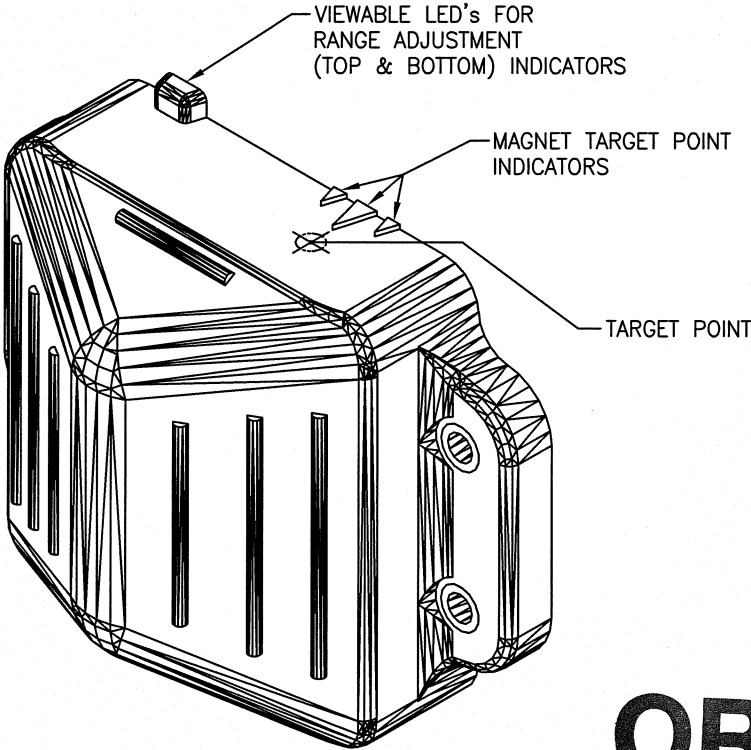
END OF RANGE SET UP



RCR/PIR MOUNTING CUTOUT (TYP)

FCC COMPLIANCE

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING THREE CONDITIONS: 1. THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE. 2. THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION. 3. CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.



ORIGINAL

INSTALLATION DETAILS

		securaplane TECHNOLOGIES INC		10800 N Mavinee Dr. Tucson, AZ 85737
SIZE	CAGE CODE	DWG NO.	REV	
B	0TMJ9	100-2418-01	A	
SCALE	1:1	SHEET		2 OF 2