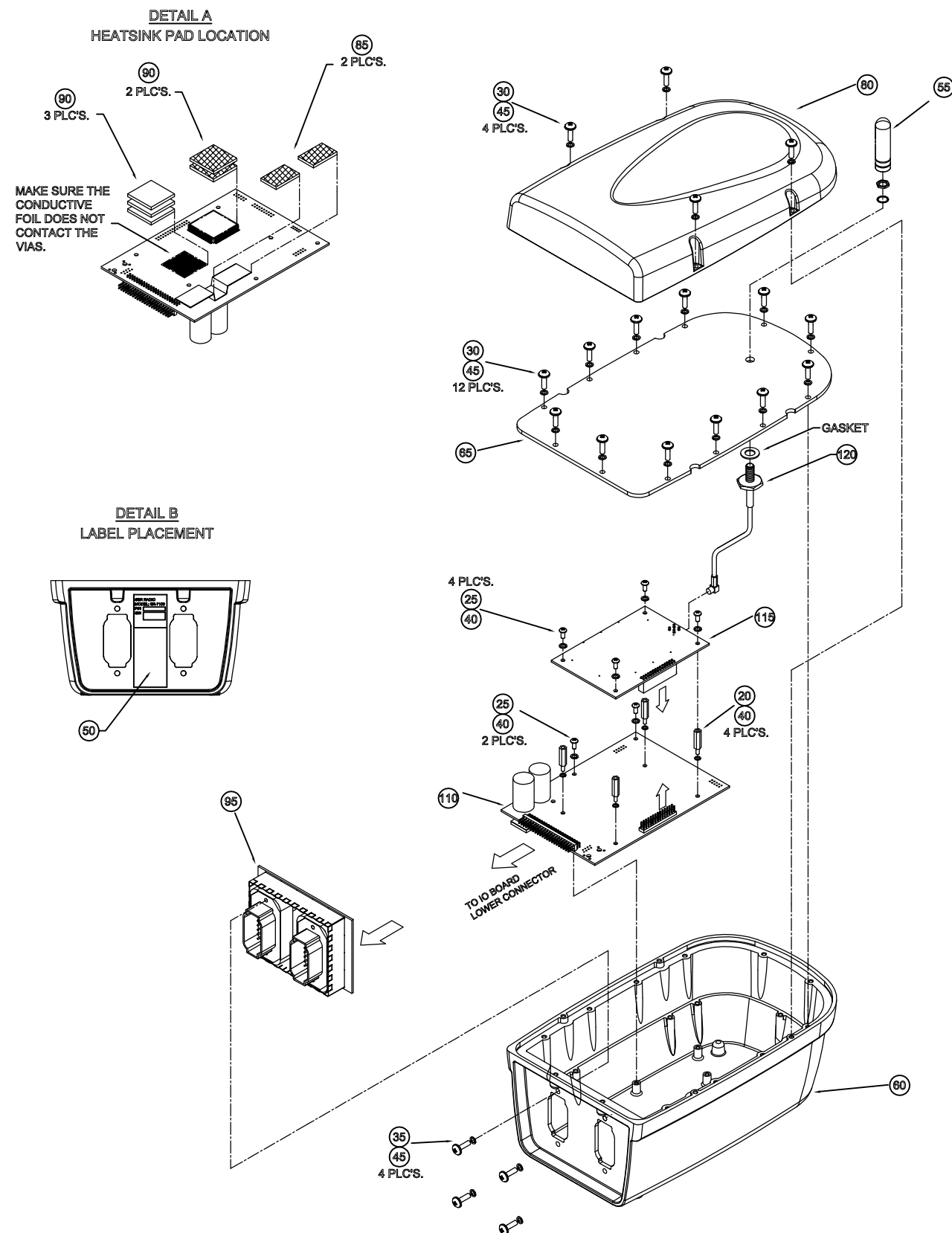


REVISIONS			
LTR	DESCRIPTION	APPROVED	DATE
1	ENGINEERING RELEASE		



NOTES: UNLESS OTHERWISE SPECIFIED.

TORQUE SPECIFICATIONS:

#2 SCREWS:	2-2.5 INCH-POUNDS
#4 SCREWS:	5 INCH-POUNDS
#6 SCREWS:	9.5-10 INCH-POUNDS
RF CONNECTOR BULKHEAD MOUNTING NUT:	15 INCH-POUNDS

- 1- INSTALL THE SSR IO BOARD (95) TO THE HOUSING (60) USING 4 SELF TAPPING SCREWS (35) WITH WASHERS (45).
- 2- INSTALL HEATSINK PADS TO THE SOLDER SIDE OF THE DIGITAL BOARD (110). EACH PAD HAS CONDUCTIVE FOIL ON ONE SIDE. REFER TO DETAIL A.
 - a) 2 PADS (90) ARE STACKED ON U43.
 - b) 3 PADS (90) ARE STACKED OVER THE VIAS ON THE OPPOSITE SIDE OF U9. MAKE SURE THE CONDUCTIVE SIDE DOES NOT CONTACT THE VIAS.
 - c) 1 PAD (85) IS APPLIED TO EACH FIN OF THE BRASS HEATSINK INSTALLED UNDER U32.
- 3- INSERT THE DIGITAL BOARD INTO THE LOWER SSR IO BOARD CONNECTOR. SECURE THE BOARD TO THE ENCLOSURE USING 2 SCREWS (25) WITH WASHERS (40) AND 4 M/F STANDOFFS (20).
- 4- INSERT MAIN RF CABLE (120) INTO THE RF BOARD CONNECTOR.
- 5- INSERT THE RF BOARD INTO THE DIGITAL BOARD CONNECTOR AND SECURE WITH 4 SCREWS (25) WITH WASHERS (40).
- 6- ATTACH MAIN RF CABLE (120) TO THE COVER (65) WITH GASKET, LOCKWASHER AND NUT.
- 7- ATTACH ANTENNA (55) TO MAIN RF CONNECTOR ON THE COVER.
- 8- INSTALL COVER USING 12 SCREWS (30) WITH WASHERS (45).
- 9- INSTALL RADOME (80) USING 4 SCREWS (30) WITH WASHERS (45).
- 10- APPLY FCC/PRODUCT ID LABEL (50) TO THE CONNECTOR END OF THE HOUSING. REFER TO DETAIL B.



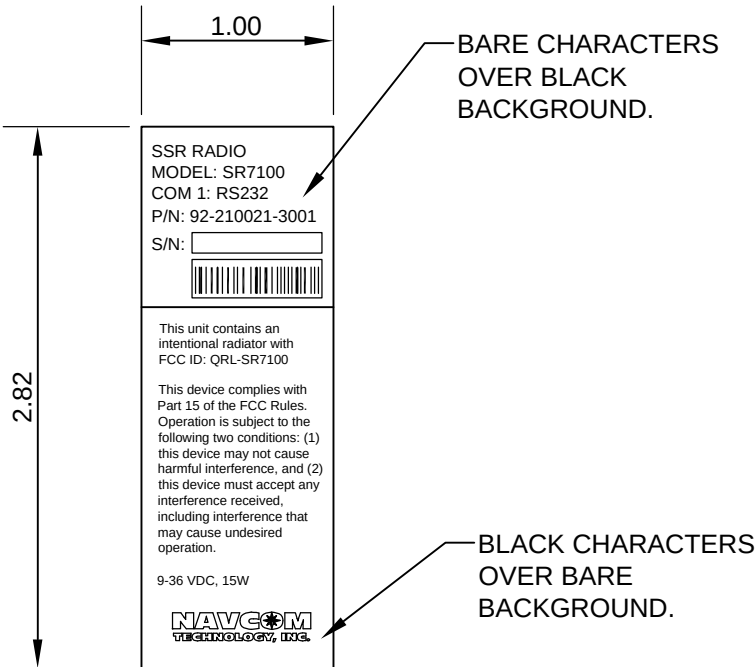
-2001

COM1: RS232

DO NOT SCALE THIS DRAWING				ORIGINATOR		PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NAVCOM TECHNOLOGY, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NAVCOM TECHNOLOGY, INC. IS PROHIBITED.		NAVCOM TECHNOLOGY, INC. www.navcomtech.com		
				CHECKER						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES SURFACE FINISH: 63 ✓ BREAK SHARP EDGES .015 MAX				PROJECT ENGINEER		TITLE ASSY DWG, SSR RADIO NCU/REMOTE				
				PRODUCT ENGINEER						
				DOCUMENT CONTROL						
TOLERANCES				NEXT ASSY						
FRACT ±1/64	XX ±.010	XXX ±.005	ANGLES ±0°30'			SIZE B		DWG NO. 92-210021		REV 1
MAT'L SEE BOM: 92-210021-2001										
FINISH						SCALE: NONE		WEIGHT		SHEET 1/2

REVISIONS			
LTR	DESCRIPTION	APPROVED	DATE
A	PRODUCTION RELEASE		

-3001 SHOWN



CONFIGURATION CHART	
DASH NO.	ARTWORK P/N
-3001	AW-75-130002-3001
-3002	AW-75-130002-3002
-3003	AW-75-130002-3003
-3004	AW-75-130002-3004
-3005	AW-75-130002-3005
-3006	AW-75-130002-3006
-3XXX	AW-75-130002-3XXX

5



NOTES: UNLESS OTHERWISE SPECIFIED

- 1- LABELS ARE TO BE SERIALIZED PER PURCHASE ORDER INSTRUCTIONS.
- 2- BAR CODE MUST INDICATE SERIAL NUMBER INFORMATION.
- 3- SERIAL NUMBER AND BAR CODE TO BE PRINTED USING BLACK CHARACTERS OVER BARE ALUMINUM WINDOWS.
- 4- LABELS SHALL BE FABRICATED PER ARTWORK AW-75-130002-3XXX WHERE THE -3XXX SHALL MATCH WITH THAT OF 75-130002-3XXX.
- 5- ADDITIONAL CONFIGURATIONS MAY BE ADDED. ARTWORK PART NUMBER SHALL FOLLOW SAME SEQUENCE.
- 6- INK USED FOR THE PRINTING PROCESS MUST BE PERMANENT.
- 7- LABELS ARE TO BE ORDERED SEQUENTIALLY BY SERIAL NUMBER. PACKAGING TO IDENTIFY BEGINNING AND ENDING SERIAL NUMBERS, AND NAVCOM PART NUMBERS.

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES SURFACE FINISH: 63 ✓ BREAK SHARP EDGES .015 MAX				CHECKER				
				PROJECT ENGINEER				
				PRODUCT ENGINEER				
TOLERANCES				DOCUMENT CONTROL	TITLE PRODUCT LABEL, SSR, FCC ID & S/N			
FRACT ±1/64	.XX ±.010	.XXX ±.005	ANGLES ±0°30'	NEXT ASSY				
MAT'L ALUMINUM ALLOY 1100-H14-020 0.005" THICK WITH 9472LE 3M ADHESIVE 0.005"THICK.					SIZE A	SSR	DWG NO. 75-130002	REV A
FINISH SATIN SURFACE					SCALE: 1/1		WEIGHT	SHEET 1 OF 1