RELEASED
Date Rev Init
2859 NC

LTR	ZONE	REVISION	DATE	EQUIP TYPE	APPROVAL

10. CHANGE ASSY P/N FROM SEG38114936-001 TO SEG38114936-301.

9. INSTALL CONNECTORS P1 (ITEM 8). AND P2 (ITEM 9). ON COMPONENT SIDE OF BOARD AND SOLDER INTO PLACE; BEING CAREFUL NOT TO BEND CONNECTORS OR CIRCUIT BOARD.

8. SOLDER TP1-TP4. INTO COMPONENT SIDE OF CIRCUIT BOARD.

7. CUT HEADER USING DIKES TO A LENGTH CONTAINING 2 ROWS OF 9 PINS EACH. SOLDER INTO COMPONENT SIDE OF BAORD.

6. DOW CORNING. MIDLAND. MI.

5. AIRBORN. ADDISON. TX.

4. BERG ELECTRONICS. NEW CUMBERLAND. PA.

3. INTERCONNECTION PRODUCTS INC. SANTA ANA. CA. M39029/64-369 MAY BE SUBSTITUTED FOR TERMINALS (ITEM 10).

2. PERMANENT INK MARK ASSY DASH NO.. S/N AND REV. IN .12 HIGH CHARACTERS WITH 73X WHITE INK PER JSCM-SPEC-1:-1. PARA 3.7.8. SERIAL NUMBERS SHALL BE ASSIGNED BY EDCC IN ACCORDANCE WITH EDS MANUAL JPG 8500.4. PARA 3.1.2.

1. INDEPENDENT INK INC.. GARDENA. CA.

NOTES:

-301	PART NUMBER	DESCRIPTION	REFERENCE DESIGNATOR	SPECIFICATION	ITEM
4	160-1512-02-01	TERMINAL	TP1-TP4	3	10
1	RM372-206-441-5500	CONNECTOR. 206 PIN	P2	5	9
1	RM372-206-341-5500	CONNECTOR. 206 PIN	P1	5	8
1	68602-172	HEADER. BREAKAWAY. 2x9 DUAL ROW	J1	4	7
AR	3145	ADHESIVE. RTV		6	6
					5
AR	73X	INK. MARKING. WHITE		1	4
AR	63/37.025P3REL15	SOLDER		QQ-S-571	3
					2
1	SDG38114935-001	PWB. ICBM EXTENDER			1
REF	SIG38114934	SCHEMATIC. ICBM EXTENDER			
-	-301	PWBA.			

8. THIS ASSEMBLY CONTAINS SOME COMPONENTS THAT ARE ESD SENSITIVE; HANDLE PER NASA-STD-8739.7.
7. THIS ASSEMBLY CONTAINS NO FRACTURE CRITICAL ELEMENTS.
6. CLEANLINESS REQUIREMENTS PER SN-C-0005 GC LEVEL.
5. APPLY DC3140 CONFORMAL COATING TO BOTH SIDES OF PRINTED WIRING BOARD .003 - .009 THICK PER NHB 5300.4 (3J-1). CONNECTOR PINS AND .2 MINIMUM FROM EDGE OF MOUNTING HOLES SHALL BE FREE OF CONFORMAL COATING.
4. TORQUE NO. 6 FASTENERS TO 3-5 IN. LBS. ABOVE RUNNING TORQUE.
3. TORQUE NO. 2 FASTENERS TO 2-3 IN. LBS. ABOVE RUNNING TORQUE.
2. SOLDER PER NASA-STD-8739.3.
1. INTERPRET PER EDS MANUAL JPG 8500.4.

NOTES: UNLESS OTHERWISE SPECIFIED.

DIMENSIONAL TOLERANCE UNLESS NOTED OTHERWISE
.0 ± .1 .000 ± .010
.00 ± .03 ANGULAR ± .5 DEG.

SURFACE FINISH 63 MICROINCHES RMS UNLESS NOTED

MATL SPEC N/A

SIGNATURES		DATE
DR	Z. PALMER	06/13/96
ENG	Ron Bennett	10-13-96
CH	Ron Cancemi	10/2/96
APP	J. Sauer	1-29-98
RE	[illegible]	1/29/98
PASTL	Tony Rao	11/1/98
STRESS	Dougan	1/19/98
AUTH		

NATIONAL AERONAUTICS & SPACE ADMINISTRATION
LYNDON B. JOHNSON SPACE CENTER HOUSTON, TEXAS

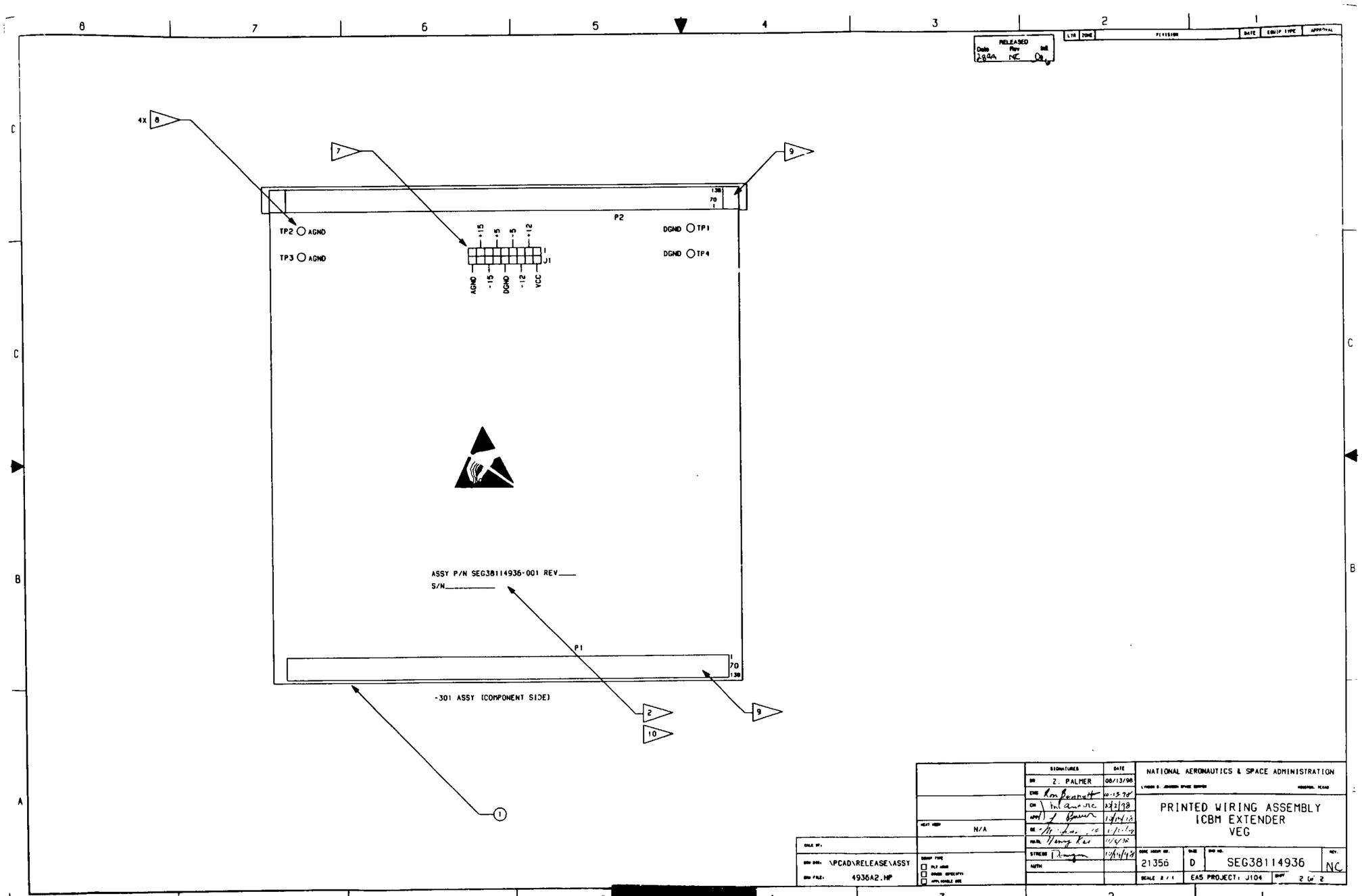
PRINTED WIRING ASSEMBLY
ICBM EXTENDER
VEG

CODE IDENT NO.	SIZE	DWG NO.	REV.
21356	D	SEG38114936	NC

SCALE 2/1 EAS PROJECT: J104 SHEET 1 OF 2

DWG SYS. \PCAD\RELEAE\ASSY
DWG FILE: 4936A1.HP

478


RELEASED
Date Rev Init
P2
TP2 AGND
TP3 AGND
DGND TP1
DGND TP4
+15 +5 -5 +12
J1
AGND -15 DGND -12 VCC
ASSY P/N SEG38114936-001 REV____
S/N_____
P1
-301 ASSY (COMPONENT SIDE)
4X 8
7
9
2
10
1
N/A
\PCAD\RELEASE\ASSY
4936A2.HP
SIGNATURES
DATE
Z. PALMER
08/13/98
NATIONAL AERONAUTICS & SPACE ADMINISTRATION
PRINTED WIRING ASSEMBLY
ICBM EXTENDER
VEG
21356
D
SEG38114936
NC
SCALE 2/1
EAS PROJECT: J104
SHEET 2 OF 2