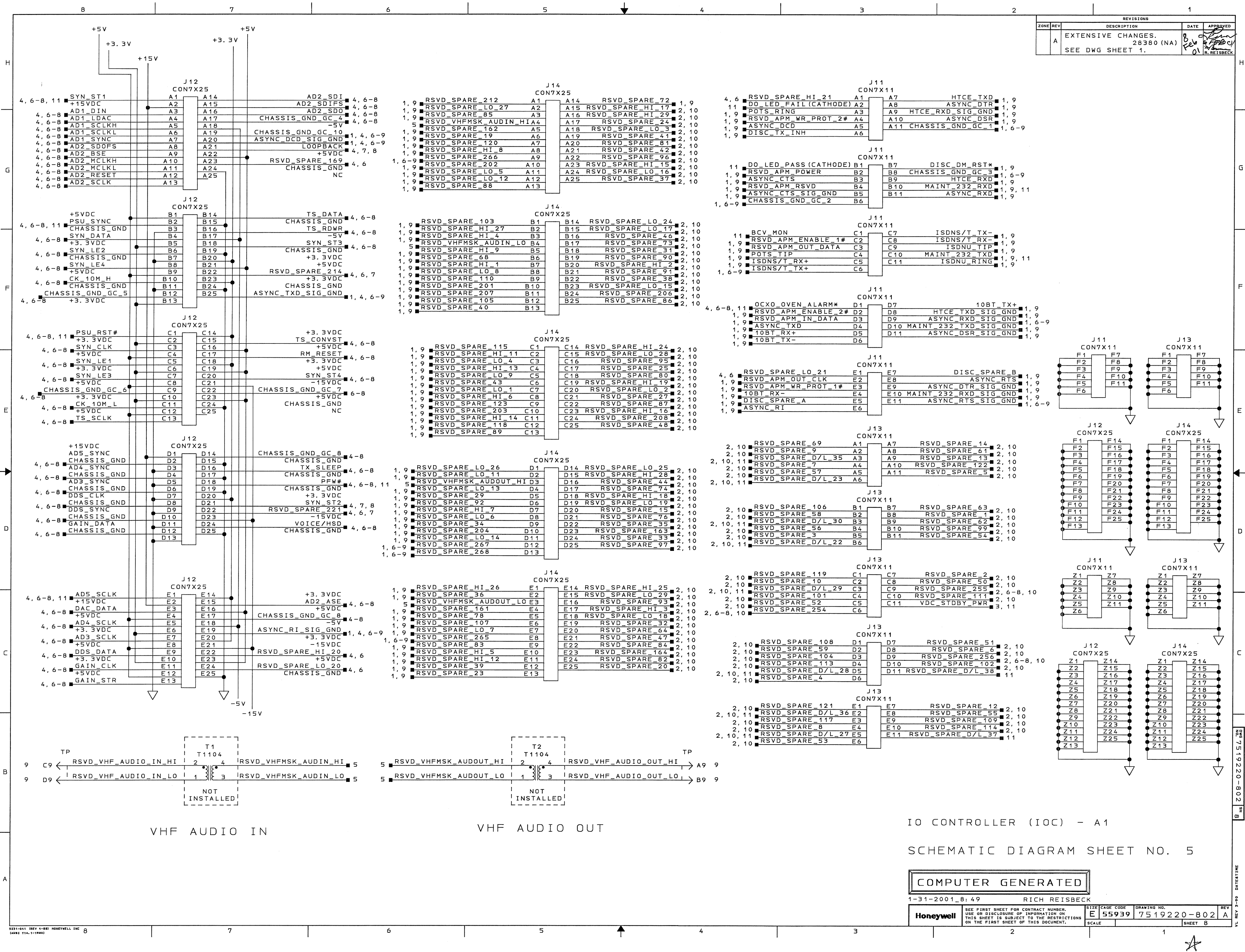


REVISIONS			
ZONE	REV	DESCRIPTION	DATE
A	1	EXTENSIVE CHANGES. SEE DWG SHEET 1.	28380 (NA)



COMPUTER GENERATED

1-31-2001_8:49 RICH REISBECK

Honeywell		SIZE/CAGE CODE	DRAWING NO.	REV
		E 55939	7519220-802	A
		SCALE	SHEET 8	

DWG NO	7519220-802	SH C
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5231-041 (REV 4-88) HONEYWELL INC 8
(ANSI Y14.1-1980)

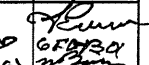


DWG NO.	7519220-802	SH 10
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SHEET 10

DWG 7E40330-903	SH
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
A	8	EXTENSIVE CHANGES.	8 Feb 03	 R. REISBECK
		28380 (NA) SEE DWG SHEET 1.		

TOP PLUG ARINC 600 CONNECTOR

1, 5	RSVD_APM_POWER	1A
1, 5	RSVD_APM_WR_PROT_2#	2A
1, 5	DISC_SPARE_A	3A
1, 5	CHASSIS_GND_GC_10	4A
1, 4-8	DISC_SPARE_B	5A
1, 5-8	ASYNC_RXD_SIG_GND	6A
1, 5	ASYNC_RXD	7A
1, 5	RSVD_SPARE_LO_26	8A
1, 5	RSVD_VHF_AUDIO_OUT_HI	9A
1, 5	RSVD_SPARE_29	10A
1, 5	RSVD_SPARE_HI_7	11A
1, 5-8	RSVD_SPARE_266	12A
1, 5	RSVD_SPARE_HI_5	13A
1, 5	RSVD_SPARE_39	14A
1, 5	RSVD_SPARE_177	15A

1, 5	RSVD_APM_GND	1B
1, 5	RSVD_APM_RSVD	2B
1, 5	DISC_TX_INH	3B
1, 4-8	ASYNC_RI_SIG_GND	4B
1, 5	ASYNC_DTR	5B
1, 5	ASYNC_DTR_SIG_GND	6B
1, 5	ISDNU_RING	7B
1, 5	RSVD_SPARE_HI_26	8B
1, 5	RSVD_VHF_AUDIO_OUT_LO	9B
1, 5	RSVD_SPARE_78	10B
1, 5	RSVD_SPARE_LO_7	11B
1, 5	RSVD_SPARE_110	12B
1, 5	RSVD_SPARE_LO_5	13B
1, 5	RSVD_SPARE_88	14B
1, 5	RSVD_SPARE_178	15B

1, 5	RSVD_APM_ENABLE_1#	1C
1, 5	POTS_TIP	2C
1, 5	RSVD_SPARE_D/L_18	3C
1, 6, 11	ASYNC_DCD_SIG_GND	4C
1, 4-8	CHASSIS_GND_GC_3	5C
1, 5-8	ASYNC_DSR	6C
1, 5	ISDNU_RING	7C
1, 5	ASYNC_DSR_SIG_GND	8C
1, 5	RSVD_SPARE_LO_27	9C
1, 5	RSVD_VHF_AUDIO_IN_HI	10C
1, 5	RSVD_SPARE_19	11C
1, 5	RSVD_SPARE_197	12C
1, 5	RSVD_SPARE_123	13C
1, 5	RSVD_SPARE_207	14C
1, 5	RSVD_SPARE_40	15C
1, 5	RSVD_SPARE_179	16C

1, 5	RSVD_APM_ENABLE_2#	1D
1, 5	ASYNC_TXD	2D
1, 5	RSVD_SPARE_D/L_17	3D
1, 6, 11	ASYNC_TXD_SIG_GND	4D
1, 4-8	ISDNU_RING	5D
1, 5	RSVD_SPARE_176	6D
1, 5	ASYNC_RTS_SIG_GND	7D
1, 5-8	RSVD_SPARE_HI_27	8D
1, 5	RSVD_VHF_AUDIO_IN_LO	9D
1, 5	RSVD_SPARE_68	10D
1, 5	CHASSIS_GND	11D
1, 5	RSVD_SPARE_34	12D
1, 5	RSVD_SPARE_HI_14	13D
1, 5	RSVD_SPARE_89	14D
1, 5	RSVD_SPARE_180	15D

1, 5	RSVD_APM_OUT_CLK	1E
1, 5	10BT_RX-	2E
1, 5	RSVD_SPARE_D/L_16	3E
1, 6, 11	10BT_TX-	4E
1, 5	HTCE_TXD_SIG_GND	5E
1, 5	RSVD_SPARE_175	6E
1, 6	RSVD_SPARE_199	7E
1, 5	RSVD_SPARE_HI_11	8E
1, 5	RSVD_SPARE_HI_13	9E
1, 5	RSVD_SPARE_43	10E
1, 5	RSVD_SPARE_HI_8	11E
1, 5	RSVD_SPARE_83	12E
1, 5	RSVD_SPARE_LO_14	13E
1, 5	RSVD_SPARE_195	14E
1, 5	RSVD_SPARE_181	15E

1, 5	POTS_RING	1F
1, 5	ASYNC_DCD	2F
1, 5	RSVD_SPARE_D/L_15	3F
1, 6, 11	ASYNC_RI	4F
1, 5	ASYNC_RTS	5F
1, 5	MAINT_232_RXD	6F
1, 5, 11	RSVD_SPARE_212	7F
1, 5	RSVD_SPARE_LO_11	8F
1, 5	RSVD_SPARE_LO_13	9F
1, 5	RSVD_SPARE_92	10F
1, 5	RSVD_SPARE_LO_8	11F
1, 5	RSVD_SPARE_202	12F
1, 5	RSVD_SPARE_HI_12	13F
1, 5	RSVD_SPARE_196	14F
1, 5	RSVD_SPARE_182	15F

1, 5	ASYNC_CTS	1G
1, 5	ASYNC_CTS_SIG_GND	2G
1, 5	RSVD_SPARE_174	3G
1, 6	HTCE_TXD	4G
1, 5	HTCE_RXD_SIG_GND	5G
1, 5	MAINT_232_TXD	6G
1, 5, 11	RSVD_SPARE_103	7G
1, 5	RSVD_SPARE_36	8G
1, 5	RSVD_SPARE_161	9G
1, 5	RSVD_SPARE_107	10G
1, 5	RSVD_SPARE_HI_6	11G
1, 5	RSVD_SPARE_201	12G
1, 5	RSVD_SPARE_LO_12	13G
1, 5	RSVD_SPARE_268	14G
1, 5-8	RSVD_SPARE_183	15G

1, 5	RSVD_APM_OUT_DATA	1H
1, 5	ISDNU/T_RX+	2H
1, 5	RSVD_SPARE_258	3H
1, 7, 8	DISC_DM_RST*	4H
1, 5	HTCE_RXD	5H
1, 5	MAINT_232_TXD_SIG_GND	6H
1, 5	RSVD_SPARE_115	7H
1, 5	RSVD_SPARE_85	8H
1, 5	RSVD_SPARE_162	9H
1, 5	RSVD_SPARE_120	10H
1, 5	RSVD_SPARE_LO_6	11H
1, 5	RSVD_SPARE_203	12H
1, 5	RSVD_SPARE_105	13H
1, 5	RSVD_SPARE_23	14H
1, 5	RSVD_SPARE_184	15H

1, 5	RSVD_APM_IN_DATA	1J
1, 5	10BT_RX+	2J
1, 5	CHASSIS_GND_GC_2	3J
1, 5-8	ISDNU/T_TX-	4J
1, 5	RSVD_SPARE_198	5J
1, 6	MAINT_232_RXD_SIG_GND	6J
1, 5	CHASSIS_GND	7J
1, 5	RSVD_SPARE_HI_4	8J
1, 5	RSVD_SPARE_HI_9	9J
1, 5	RSVD_SPARE_HI_1	10J
1, 5	RSVD_SPARE_265	11J
1, 5-8	RSVD_SPARE_204	12J
1, 5	RSVD_SPARE_118	13J
1, 5	RSVD_SPARE_72	14J
1, 5	RSVD_SPARE_185	15J

1, 5	RSVD_APM_WR_PROT_1#	1K
1, 5	RSVD_SPARE_257_GND	2K
1, 7, 8	ISDNU/T_TX+	3K
1, 5-8	10BT_TX+	4K
1, 5	ISDNU_TIP	5K
1, 5	CHASSIS_GND_GC_1	6K
1, 5-8	RSVD_VHF_KEY_LINE_GND	7K
1, 5	RSVD_SPARE_LO_4	8K
1, 5	RSVD_SPARE_LO_9	9K
1, 5	RSVD_SPARE_LO_1	10K
1, 5	CHASSIS_GND	11K
1, 5	CHASSIS_GND	12K
1, 5	RSVD_SPARE_267	13K
1, 5-8	RSVD_SPARE_186	14K
1, 6	CHASSIS_GND	15K

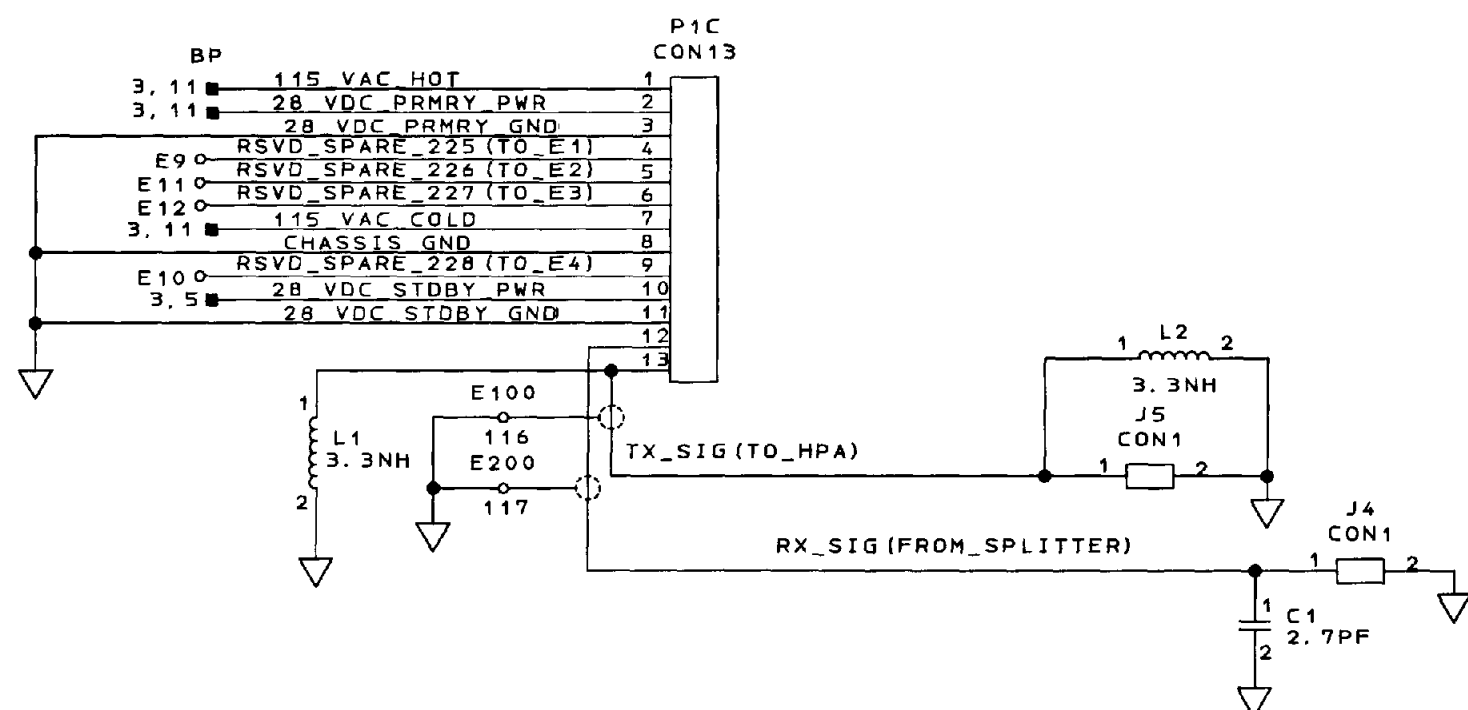
TOP PLUG (TP) ARINC 600 CONNECTOR
SCHEMATIC DIAGRAM SHEET NO. 9

COMPUTER GENERATED

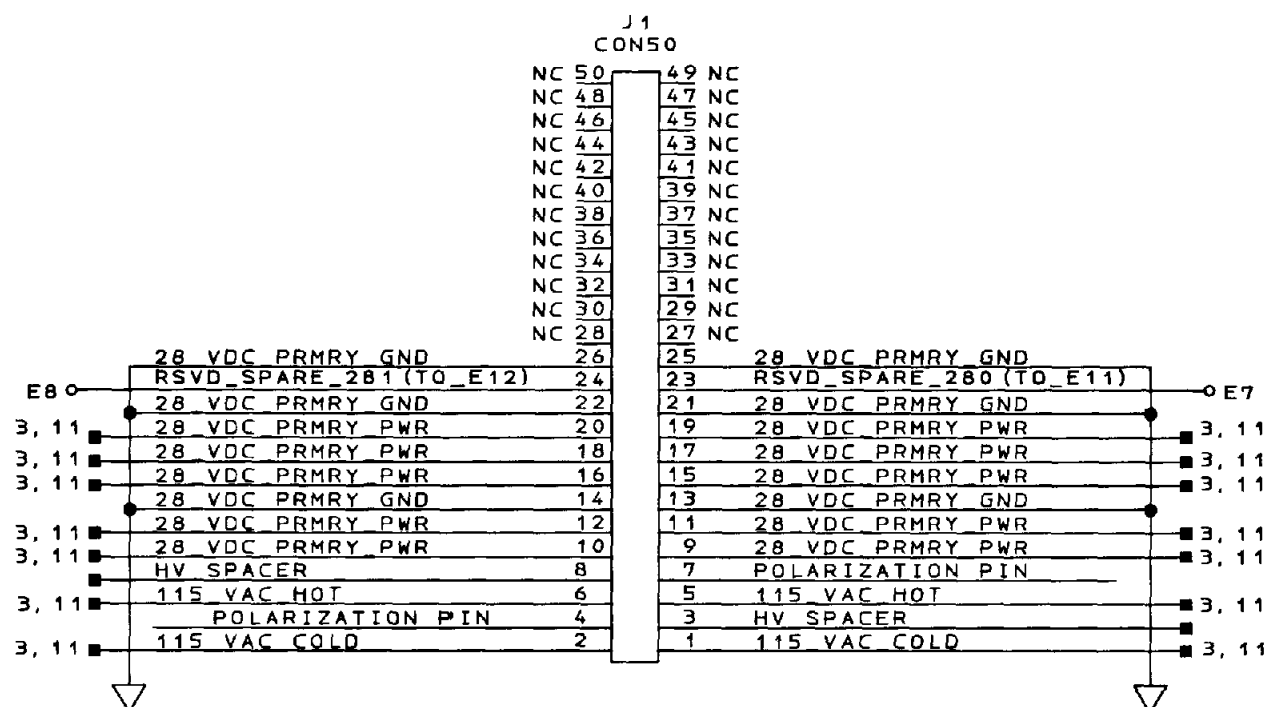
1-31-2001_8:49	RICH REISBECK	SIZE	E 55939	DRAWING NO.	7519220-802	REV	A
Honeywell		SEE FIRST SHEET FOR CONTRACT NUMBER, USE OR DISCLOSURE OF INFORMATION ON THIS SHEET IS SUBJECT TO THE RESTRICTIONS ON THE FIRST SHEET OF THIS DOCUMENT.		SCALE		SHEET	12

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
A	EXTENSIVE CHANGES. 28380 (NA)	8 FEB 01	T. EUROPA H. BROWN R. REISBECK
B	UDTD SCHEM: ADD REF DES C1, L1 AND L3. 24514 (M)	11/23/01	R. RICHARDS

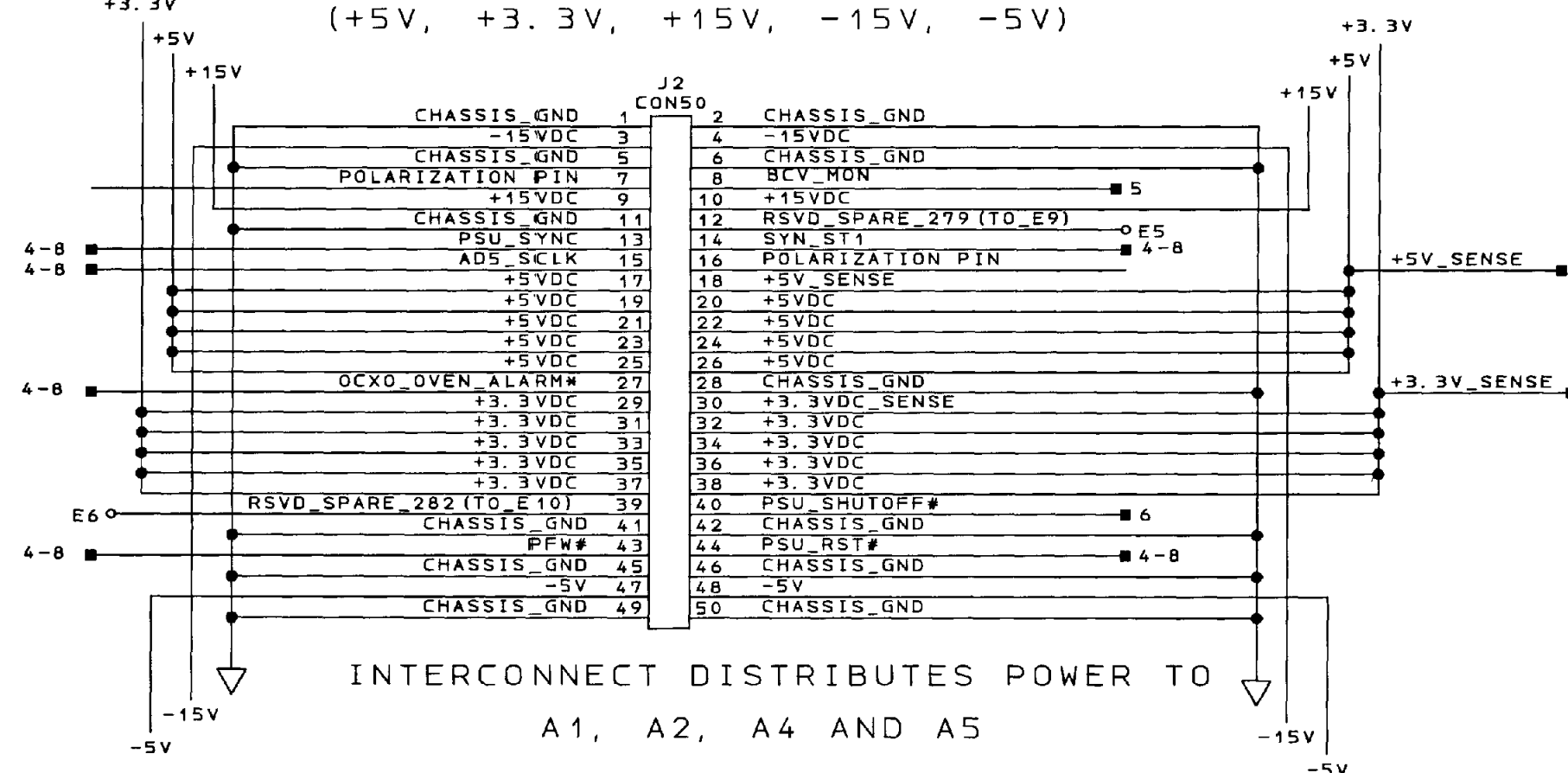
BOTTOM PLUG ARINC 600 CONNECTOR



MAIN INPUT POWER FROM BOTTOM PLUG
ARINC 600 CONNECTOR TO POWER SUPPLY (A3)



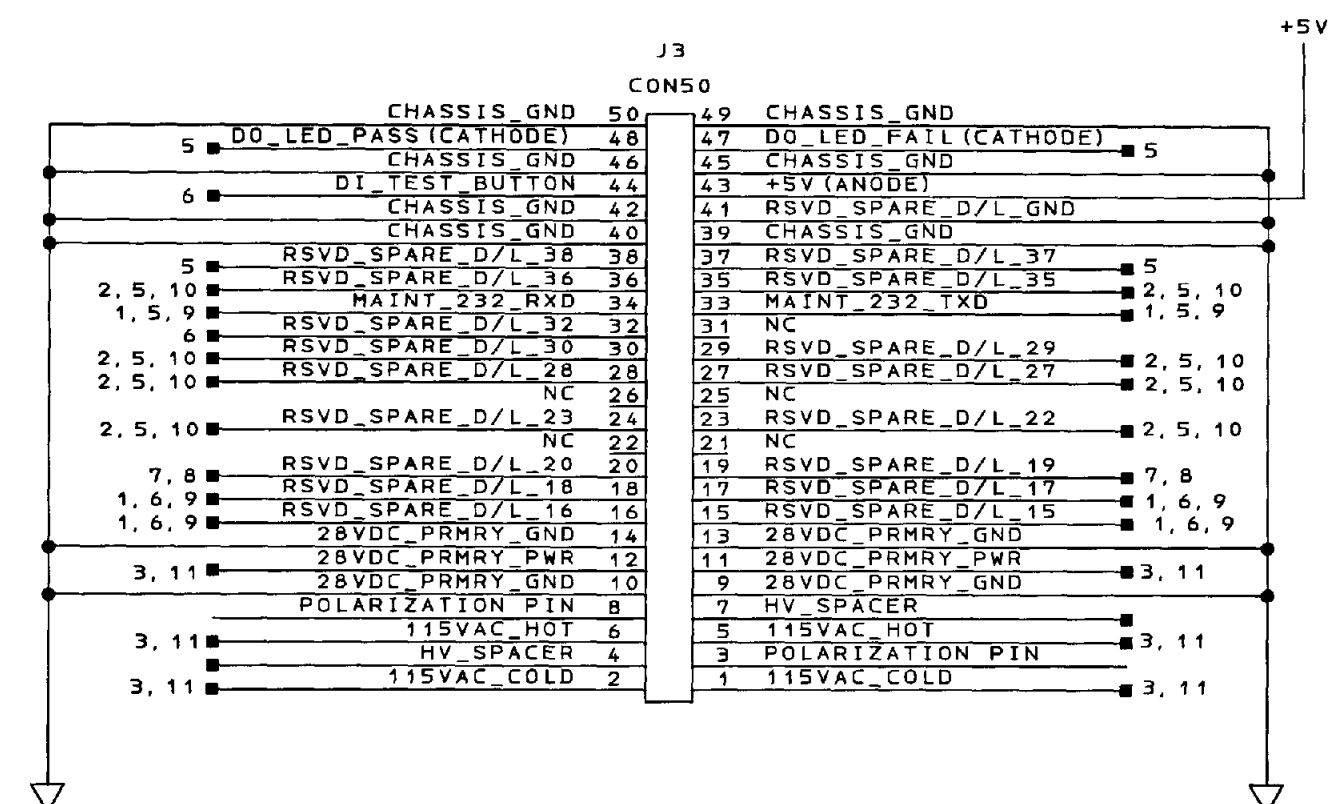
POWER SUPPLIES
(+5V, +3.3V, +15V, -15V, -5V)



INTERCONNECT DISTRIBUTES POWER TO
A1, A2, A4 AND A5

E POINT	NET NAME
E1	RSVD SPARE 225 (A4, A5)
E2	RSVD SPARE 226 (A4, A5)
E3	RSVD SPARE 227 (A4, A5)
E4	RSVD SPARE 228 (A4, A5)
E5	RSVD SPARE 275
E6	RSVD SPARE 276
E7	RSVD SPARE 277
E8	RSVD SPARE 278
E9	RSVD SPARE 279
E10	RSVD SPARE 282
E11	RSVD SPARE 280
E12	RSVD SPARE 281

FRONT CONNECTOR DATA LOADER



POWER SUPPLY CONNECTORS
AND DATA LOADER CONNECTOR

SCHEMATIC DIAGRAM SHEET NO. 11

COMPUTER GENERATED

6-5-2001_10:32 RICH REISBECK

Honeywell

SEE FIRST SHEET FOR CONTRACT NUMBER.
USE OR DISCLOSURE OF INFORMATION ON
THIS SHEET IS SUBJECT TO THE RESTRICTIONS
ON THE FIRST SHEET OF THIS DOCUMENT.

SIZE CAGE CODE
E 55939
DRAWING NO.
7519220-802
REV
14