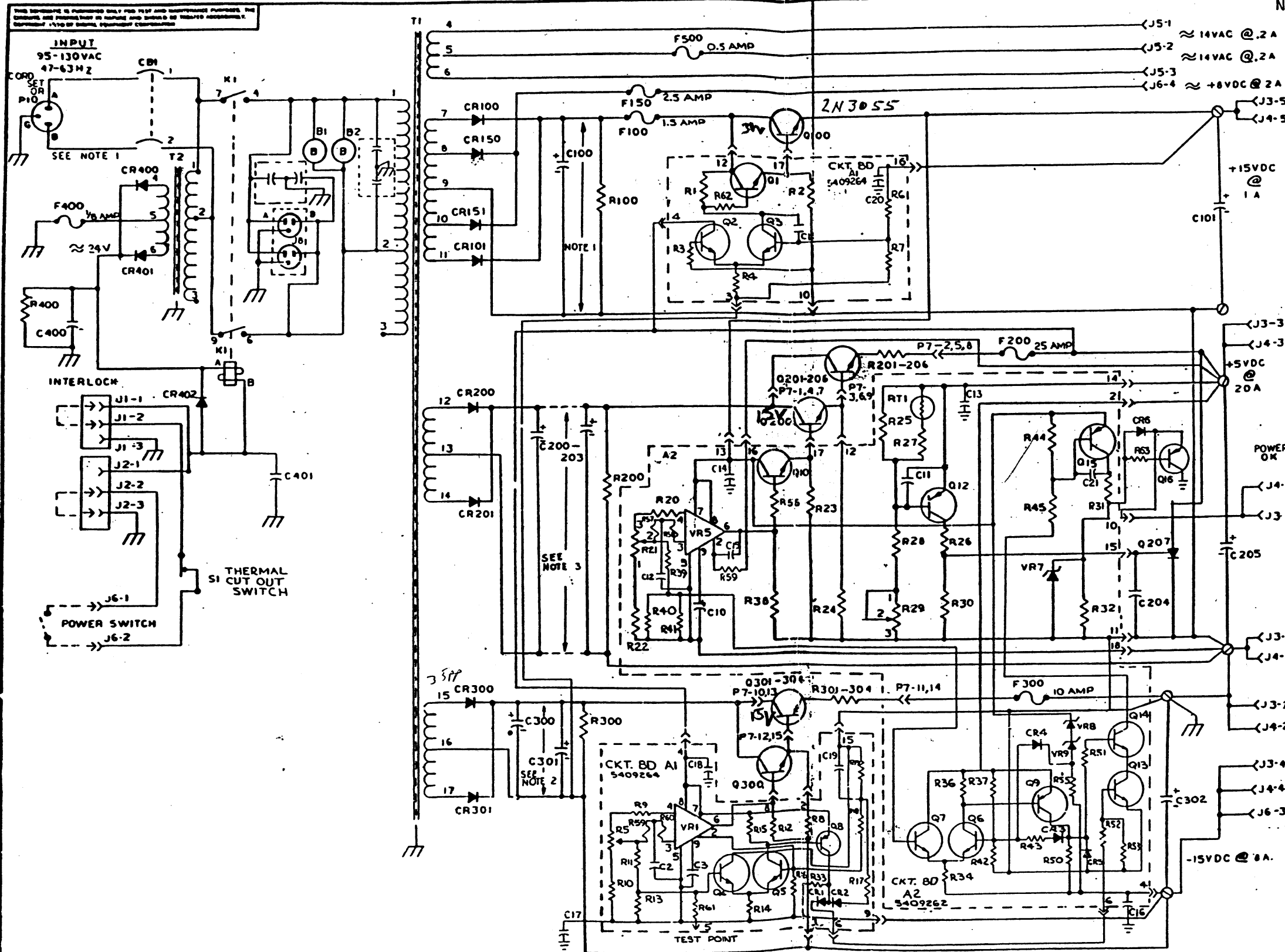


H724

DP S/E POWER SUPPLY

NOTES:

- 1. FOR POWER SUPPLIES MADE BY NORTH ELECTRIC CO. AC INPUT WILL BE THRU P10 INLET FOR POWER SUPPLIES MADE BY DEC, AC INPUT WILL BE THROUGH CORD SET DEC PART #700006-15
- 2. +18VDC MINIMUM
+36VDC MAXIMUM
- 3. +8.6VDC MINIMUM
+18VDC MAXIMUM



REF DES	DESCRIPTION	PART NO.
FILTER ASSEMBLY		
A1	CONTROL BOARD A1	5409264
A2	CONTROL BOARD A2	5409262
Q100	2N3055 TO-41 CASE	1510008
Q300-304	2N3055 TO-41 CASE	1510008
Q200-206	2N3055 TO-41 CASE	1510008
R100R300	RES 300Ω 10W 5%	130088-0
R200	RES 100Ω 25W 5%	1302888
R201-206	RES .1485W 1%	1301819
R301-304	RES .2583W 1%	1302119
R400	RES 3.9K 1/2 W 5%	1300443
S1	SWITCH THERMSTAT	1210199-0
T1	TRANSFORMER	116018-C
T2	TRANSFORMER	116017-0
J8	OUTLET AM #10103 OR EQWV	1203351
P10	MALE INLET AM #5278 OR EQWV	1203351
CR400A02	DIODE 1N645	1105319
F400	FUSE 1/8 SLO BLO	9000627
C401	CAP .01 MFD @ 200V DC	1001610
C400	CAP 270 MFD @ 50V DC	101092-0
Q1	MOVASBY	7002007
B1, 2	BLOWER	1209403
Q207	SCR PRV 100 IEC 85A	110183-0
C100	CAP 6000 MFD @ 40V DC	1010186
C101, 302	CAP 10,800 MFD @ 20V DC	1010185-0
C200-203	CAP 30,000 MFD @ 25V DC	1010184-0
C204	CAP 10 MFD @ 35V DC	1001776
C205	CAP 18,000 MFD @ 10V DC	1010187-0
C300, 301	CAP 14,000 MFD @ 40V DC	1010187-0
Q300-304	2N3055 TO-41 CASE	1510008
CB1	CKT. BRK. 10AMP	12 091-C
CR100, 101	DIODE 1N4721	110182-0
CR150, 151	DIODE 1N4721	110182-0
CR200, 201	DIODE 1N1185A	1109979
CR300, 301	DIODE 1N1201A	1100006
F500	FUSE .5A AGC	900720E
F100	FUSE 1.5 AGC	9008380
F150	FUSE 2.5A ABC	9008367
F200	FUSE 25A ABC	9008386
F300	FUSE 10A AB	9008390
K1	RELAY	121098-0
REF DES	DESCRIPTION	PART NO.

TRANSISTOR & DIODE CONVERSION CHART

TYPE	MANUFACTURER	PART NO.	DESCRIPTION
Q100	2N3055	TO-41 CASE	1510008
Q300-304	2N3055	TO-41 CASE	1510008
Q200-206	2N3055	TO-41 CASE	1510008

H724 SCHEMATIC

EQUIPMENT CORPORATION

DATE: 11/1/68

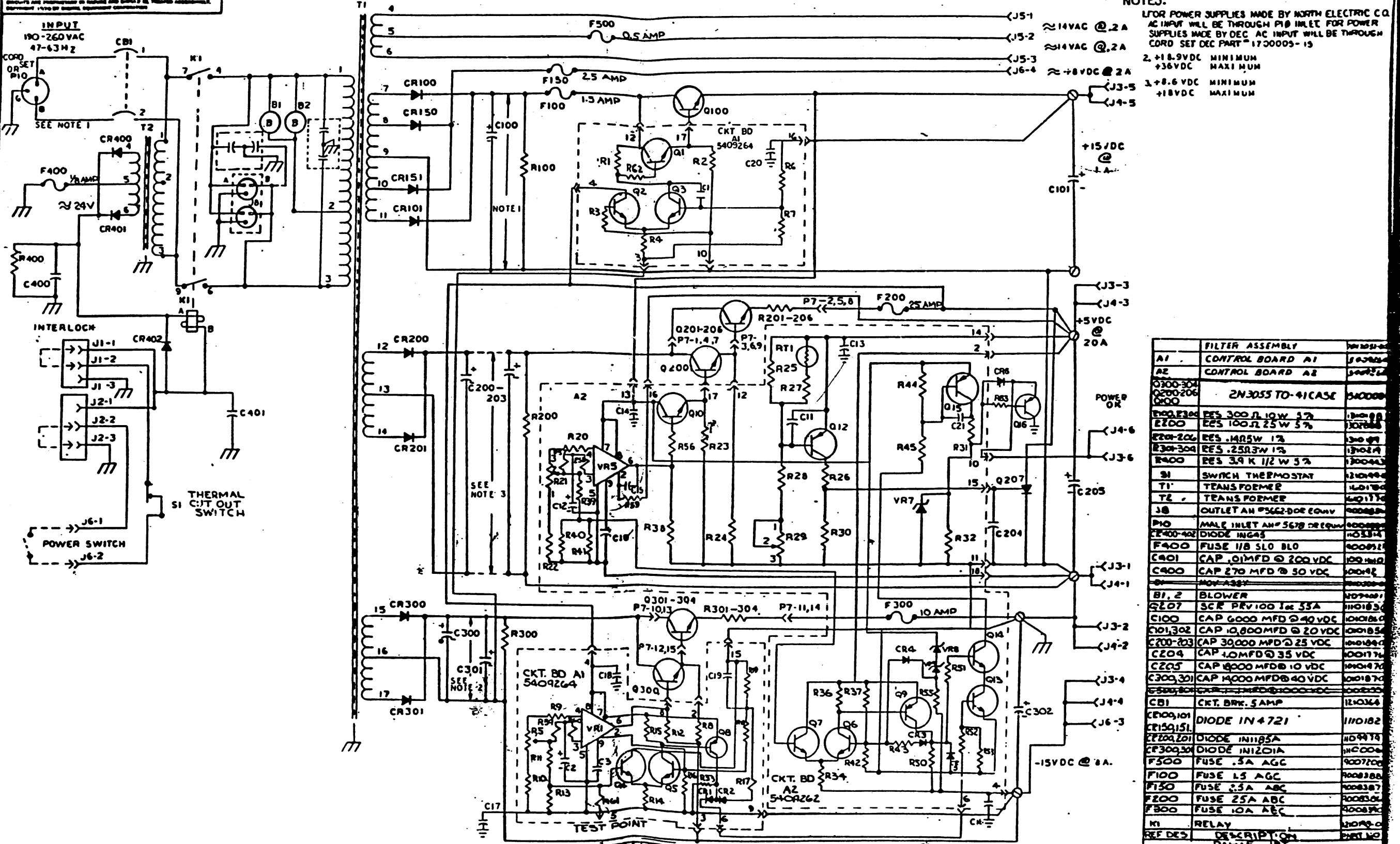
DESIGNER: [Signature]

CHECKED: [Signature]

APPROVED: [Signature]

THIS SCHEMATIC IS FORWARDED ONLY FOR INFORMATION PURPOSES. THE PRODUCTS ARE FORWARDED TO THE USER AND NOT TO THE ADDRESS. DEPARTMENT 1470 BY SIGNAL EQUIPMENT CORPORATION

H724-A-1



NOTES:
 1. FOR POWER SUPPLIES MADE BY NORTH ELECTRIC CO. AC INPUT WILL BE THROUGH P10 INLET FOR POWER SUPPLIES MADE BY DEC AC INPUT WILL BE THROUGH CORD SET DEC PART 1730003-15
 2. +18.9VDC MINIMUM
 +36VDC MAXIMUM
 3. +8.6 VDC MINIMUM
 +18VDC MAXIMUM

REF DES	DESCRIPTION	QTY
FILTER ASSEMBLY		
A1	CONTROL BOARD A1	1
A2	CONTROL BOARD A2	1
Q100-Q101	2N3055 TO-18 CASE	2
R100-R101	RES 300 Ω 10W 5%	2
R200	RES 100 Ω 25W 5%	1
R201-206	RES .14R5W 1%	6
R301-304	RES .25R3W 1%	4
R400	RES 3.9 K 1/2 W 5%	1
S1	SWITCH THERMOSTAT	1
T1	TRANS FORMER	1
T2	TRANS FORMER	1
J8	OUTLET AMP #3662-DOE COMV	1
P10	MALE INLET AMP #5678 OR EQUIV	1
F400	FUSE 1/8 SLO BLO	1
C401	CAP .01MFD @ 200 VDC	1
C400	CAP 270 MFD @ 50 VDC	1
B1, 2	BLOWER	2
Q207	SCR PRV 100 I _{AV} 35A	1
C100	CAP 6000 MFD @ 40 VDC	1
C101, 302	CAP 10,000 MFD @ 20 VDC	2
C200-203	CAP 30,000 MFD @ 25 VDC	3
C204	CAP 1.0MFD @ 35 VDC	1
C205	CAP 1000 MFD @ 10 VDC	1
C300, 301	CAP 14000 MFD @ 40 VDC	2
F500, 801	FUSE 1/2 SLO BLO	2
CBI	CKT. BRK. 5 AMP	1
CR100, 101	DIODE 1N 4721	2
CR150, 151	DIODE 1N1185A	2
CR200, 201	DIODE 1N1201A	2
CR300, 301	DIODE 1N1201A	2
F500	FUSE .5A AGC	1
F100	FUSE 1.5 AGC	1
F150	FUSE 2.5A ABC	1
F200	FUSE 25A ABC	1
F300	FUSE 10A ABC	1
K1	RELAY	1
REF DES	DESCRIPTION	QTY

TRANSFORMER & DIODE CONNECTION CHART

WIRE	TO	WIRE	TO
1	2	1	2
3	4	3	4
5	6	5	6
7	8	7	8
9	10	9	10
11	12	11	12
13	14	13	14
15	16	15	16
17	18	17	18
19	20	19	20
21	22	21	22
23	24	23	24
25	26	25	26
27	28	27	28
29	30	29	30
31	32	31	32
33	34	33	34
35	36	35	36
37	38	37	38
39	40	39	40
41	42	41	42
43	44	43	44
45	46	45	46
47	48	47	48
49	50	49	50
51	52	51	52
53	54	53	54
55	56	55	56
57	58	57	58
59	60	59	60
61	62	61	62
63	64	63	64
65	66	65	66
67	68	67	68
69	70	69	70
71	72	71	72
73	74	73	74
75	76	75	76
77	78	77	78
79	80	79	80
81	82	81	82
83	84	83	84
85	86	85	86
87	88	87	88
89	90	89	90
91	92	91	92
93	94	93	94
95	96	95	96
97	98	97	98
99	100	99	100

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