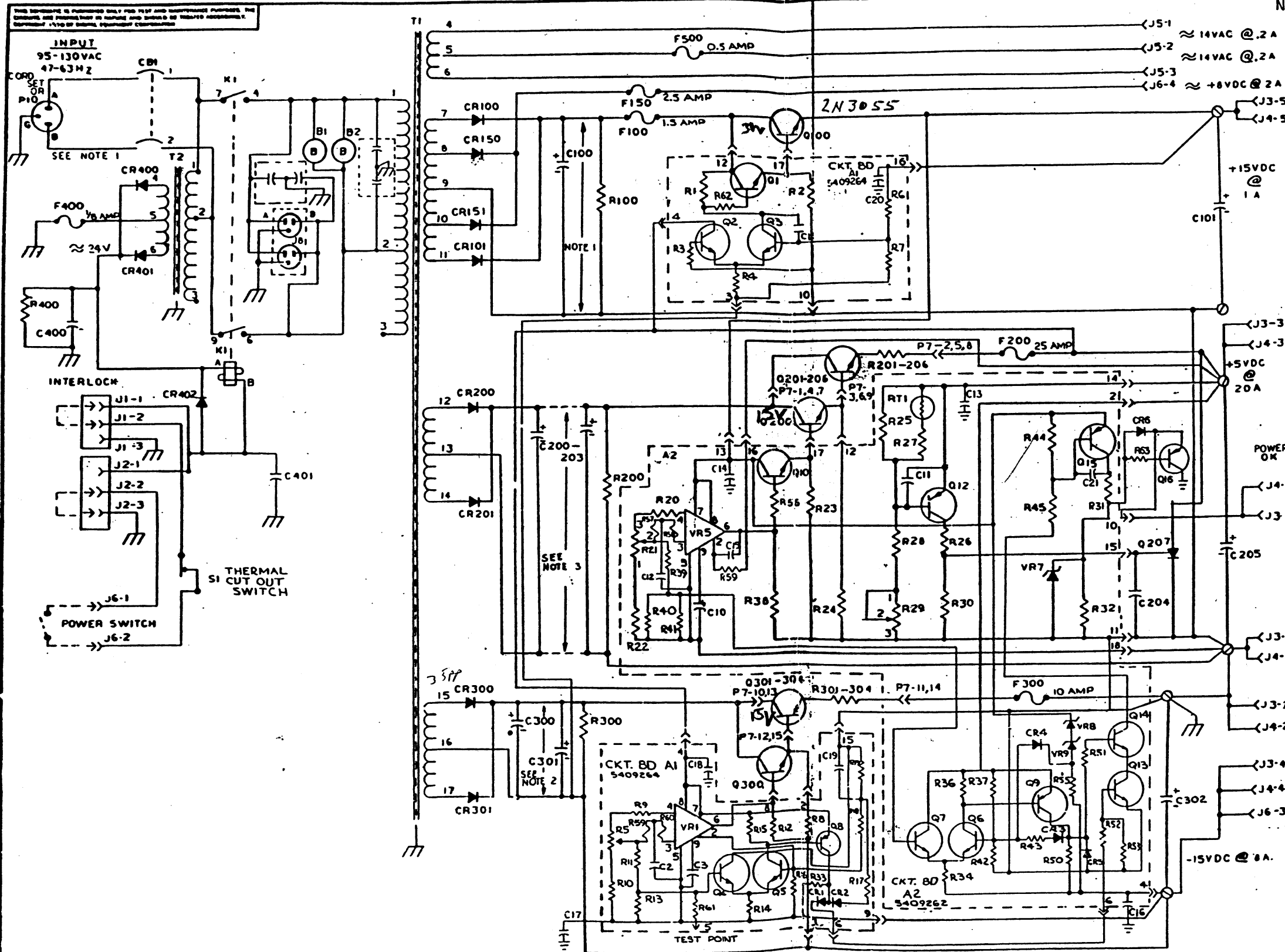


H724

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. +185VDC 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%	1302880
R200	RES 100Ω 25W 5%	1302880
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-C
DI	MOVASBY	7002007
B1, 2	BLOWER	1209403
Q207	SCR PRV 100 IEC 85A	110183-C
C100	CAP 6000 MFD @ 40V DC	1010186
C101, 302	CAP 10,800 MFD @ 20V DC	1010185-C
C200-203	CAP 30,000 MFD @ 25V DC	1010184-C
C204	CAP 10 MFD @ 35V DC	1001776
C205	CAP 18,000 MFD @ 10V DC	1010187-C
C300, 301	CAP 14,000 MFD @ 40V DC	1010187-C
C302	CAP 10 MFD @ 35V DC	1001776
CR10Q101	DIODE 1N4721	110182-C
CR15Q151	DIODE 1N4721	110182-C
CR20Q201	DIODE 1N1185A	1109979
CR30Q301	DIODE 1N1201A	1100006
F500	FUSE .5A AGC	900720E
F100	FUSE 1.5 AGC	9008380
F150	FUSE 2.5A AGC	9008367
F200	FUSE 25A AGC	900838E
F300	FUSE 10A AB	9008390
K1	RELAY	1210198-0
REF DES	DESCRIPTION	PART NO.

TRANSISTOR & DIODE CONVERSION CHART

MANUFACTURER	TYPE	DEC	SA	SA
GE	2N3055	1510008	1510008	1510008
PHILIPS	2N3055	1510008	1510008	1510008
SIEMENS	2N3055	1510008	1510008	1510008
TELEPHON	2N3055	1510008	1510008	1510008
WESTING	2N3055	1510008	1510008	1510008
YONAH	2N3055	1510008	1510008	1510008

H724 SCHEMATIC

EQUIPMENT CORPORATION

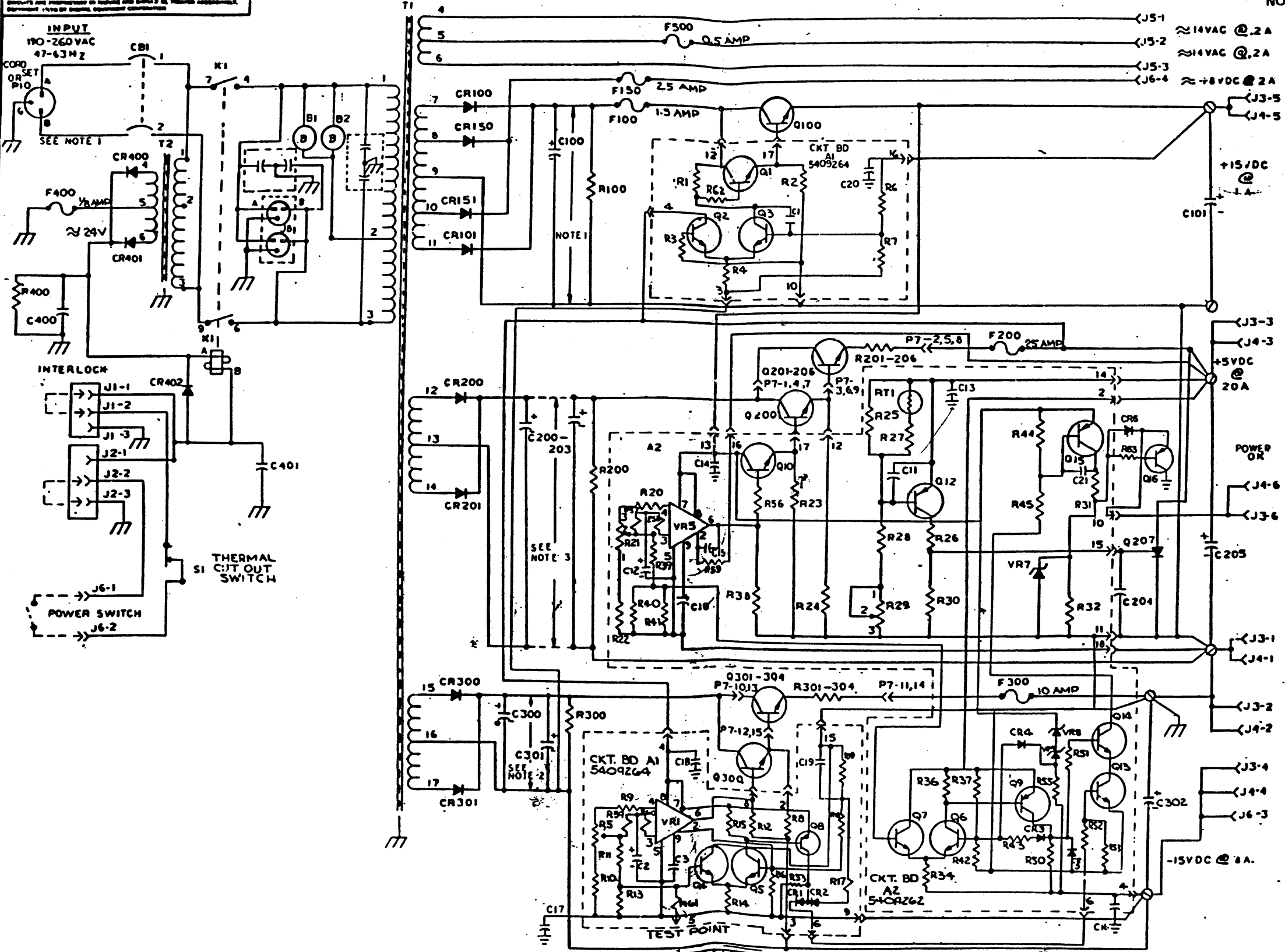
DATE: 11/11/60

DESIGNER: J. M. J.

APPROVED: J. M. J.

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



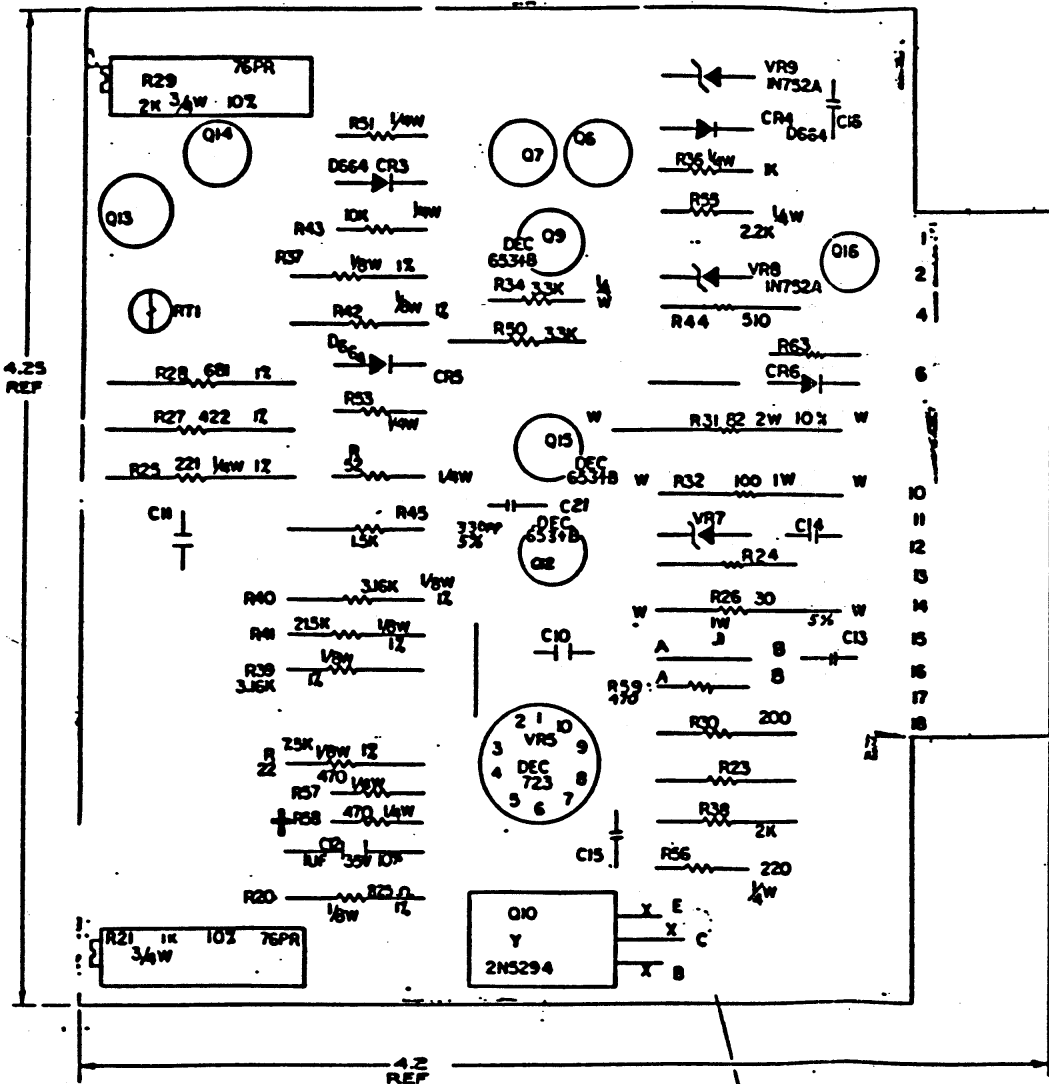
NOTES:
 1. FOR POWER SUPPLIES MADE BY NORTH ELECTRIC CO. AC INPUT WILL BE THROUGH P10 INLET FOR POWER SUPPLIES MADE BY DEC AC INPUT WILL BE THROUGH CORD SET DEC PART 1730003-15
 2. +18.9VDC MINIMUM
 +36VDC MAXIMUM
 3. +8.6 VDC MINIMUM
 +18VDC MAXIMUM

REF DES	DESCRIPTION	QTY
FILTER ASSEMBLY		
A1	CONTROL BOARD A1	1
A2	CONTROL BOARD A2	1
Q300-304	2N3055 TO-18 CASE	5
Q200-206		5
Q100		1
R100, F300	RES 300 Ω 10W 5%	1
R200	RES 100 Ω 25W 5%	1
R201-206	RES .14R5W 1%	6
R300-304	RES .25R3W 1%	5
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
F400-402	DIODE 1N434	3
F400	FUSE 1/8 SLO BLO	1
C401	CAP .01MFD @ 200 VDC	1
C400	CAP 270 MFD @ 50 VDC	1
C100-104	NOV-334	5
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	4
C204	CAP 1.0MFD @ 35 VDC	1
C205	CAP 1000 MFD @ 10 VDC	1
C300, 301	CAP 14000 MFD @ 40 VDC	2
F500, 501	DIODE 1N4001	2
CBI	CKT. BRK. 5 AMP	1
CR100, 101	DIODE 1N4721	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

REF	SYM	VAL	UNIT
R1	RES	100	Ω
R2	RES	100	Ω
R3	RES	100	Ω
R4	RES	100	Ω
R5	RES	100	Ω
R6	RES	100	Ω
R7	RES	100	Ω
R8	RES	100	Ω
R9	RES	100	Ω
R10	RES	100	Ω
R11	RES	100	Ω
R12	RES	100	Ω
R13	RES	100	Ω
R14	RES	100	Ω
R15	RES	100	Ω
R16	RES	100	Ω
R17	RES	100	Ω
R18	RES	100	Ω
R19	RES	100	Ω
R20	RES	100	Ω
R21	RES	100	Ω
R22	RES	100	Ω
R23	RES	100	Ω
R24	RES	100	Ω
R25	RES	100	Ω
R26	RES	100	Ω
R27	RES	100	Ω
R28	RES	100	Ω
R29	RES	100	Ω
R30	RES	100	Ω
R31	RES	100	Ω
R32	RES	100	Ω
R33	RES	100	Ω
R34	RES	100	Ω
R35	RES	100	Ω
R36	RES	100	Ω
R37	RES	100	Ω
R38	RES	100	Ω
R39	RES	100	Ω
R40	RES	100	Ω

TRANSFORMER & DIODE CONNECTION CHART	TRANSFORMER	DIODE	CONNECTION
T1	1	CR100	1
T1	2	CR150	2
T1	3	CR101	3
T1	4	CR200	4
T1	5	CR201	5
T1	6	CR300	6
T1	7	CR301	7
T2	1	CR400	1
T2	2	CR401	2

H724A SCHEMATIC
 EQUIPMENT CORPORATION
 H724-A-1



REF	SYM	DESCRIPTION	QTY	UNIT	DATE
1	R63	RES. 10K. 1/4W. 5%	1301317	44	
1	C21	CAP. 330 PF. 50V. 5%	10-00023	45	
4	CR3, CR4, CR5, CR6	DIODE. IN752A OR EQUIV. 50V. 1N	1100448	48	
1	R65	RES. 2.2K. 1/4W. 5%	1300447	41	
1	R60	RES. 3300. 1/4W. 5%	1300440	40	
1	Q10	IC. 2N5294	10-00023	49	
1	Q11	IC. 2N5294	10-00023	50	
1	Q12	IC. 2N5294	10-00023	51	
1	Q13	IC. 2N5294	10-00023	52	
1	Q14	IC. 2N5294	10-00023	53	
1	Q15	IC. 2N5294	10-00023	54	
1	Q16	IC. 2N5294	10-00023	55	
1	Q17	IC. 2N5294	10-00023	56	
1	Q18	IC. 2N5294	10-00023	57	
1	Q19	IC. 2N5294	10-00023	58	
1	Q20	IC. 2N5294	10-00023	59	
1	Q21	IC. 2N5294	10-00023	60	
1	Q22	IC. 2N5294	10-00023	61	
1	Q23	IC. 2N5294	10-00023	62	
1	Q24	IC. 2N5294	10-00023	63	
1	Q25	IC. 2N5294	10-00023	64	
1	Q26	IC. 2N5294	10-00023	65	
1	Q27	IC. 2N5294	10-00023	66	
1	Q28	IC. 2N5294	10-00023	67	
1	Q29	IC. 2N5294	10-00023	68	
1	Q30	IC. 2N5294	10-00023	69	
1	Q31	IC. 2N5294	10-00023	70	
1	Q32	IC. 2N5294	10-00023	71	
1	Q33	IC. 2N5294	10-00023	72	
1	Q34	IC. 2N5294	10-00023	73	
1	Q35	IC. 2N5294	10-00023	74	
1	Q36	IC. 2N5294	10-00023	75	
1	Q37	IC. 2N5294	10-00023	76	
1	Q38	IC. 2N5294	10-00023	77	
1	Q39	IC. 2N5294	10-00023	78	
1	Q40	IC. 2N5294	10-00023	79	
1	Q41	IC. 2N5294	10-00023	80	
1	Q42	IC. 2N5294	10-00023	81	
1	Q43	IC. 2N5294	10-00023	82	
1	Q44	IC. 2N5294	10-00023	83	
1	Q45	IC. 2N5294	10-00023	84	
1	Q46	IC. 2N5294	10-00023	85	
1	Q47	IC. 2N5294	10-00023	86	
1	Q48	IC. 2N5294	10-00023	87	
1	Q49	IC. 2N5294	10-00023	88	
1	Q50	IC. 2N5294	10-00023	89	
1	Q51	IC. 2N5294	10-00023	90	
1	Q52	IC. 2N5294	10-00023	91	
1	Q53	IC. 2N5294	10-00023	92	
1	Q54	IC. 2N5294	10-00023	93	
1	Q55	IC. 2N5294	10-00023	94	
1	Q56	IC. 2N5294	10-00023	95	
1	Q57	IC. 2N5294	10-00023	96	
1	Q58	IC. 2N5294	10-00023	97	
1	Q59	IC. 2N5294	10-00023	98	
1	Q60	IC. 2N5294	10-00023	99	
1	Q61	IC. 2N5294	10-00023	100	

REF	SYM	DESCRIPTION	QTY	UNIT	DATE		
1	LA 723 C	5	2	38	22	JE-A	JE-B
1	IC TYPE	500	500	38	22	JE-A	JE-B
1	IC PIN LOCATIONS						
1	JUMPER LIST						

2N5294	DEC DA4C3	NONE	10-00023
DEC 6530	MP5 6530	10-00023	
DEC 6530	MP5 6530	10-00023	
IN752A	SAME	10-00023	
DC72	IN3653	10-00023	

CONTROL BOARD A2

ETA 409262-0-0