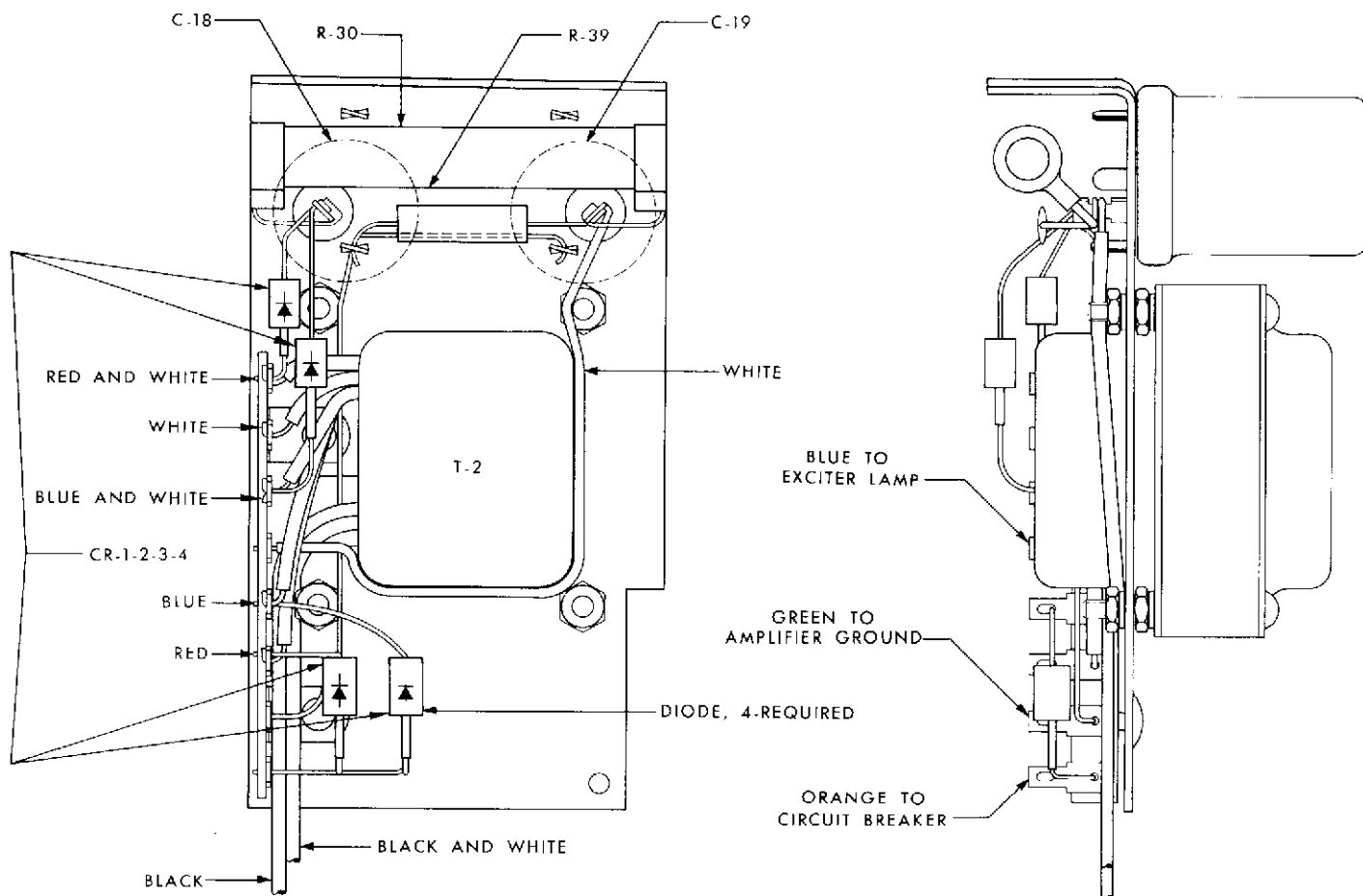


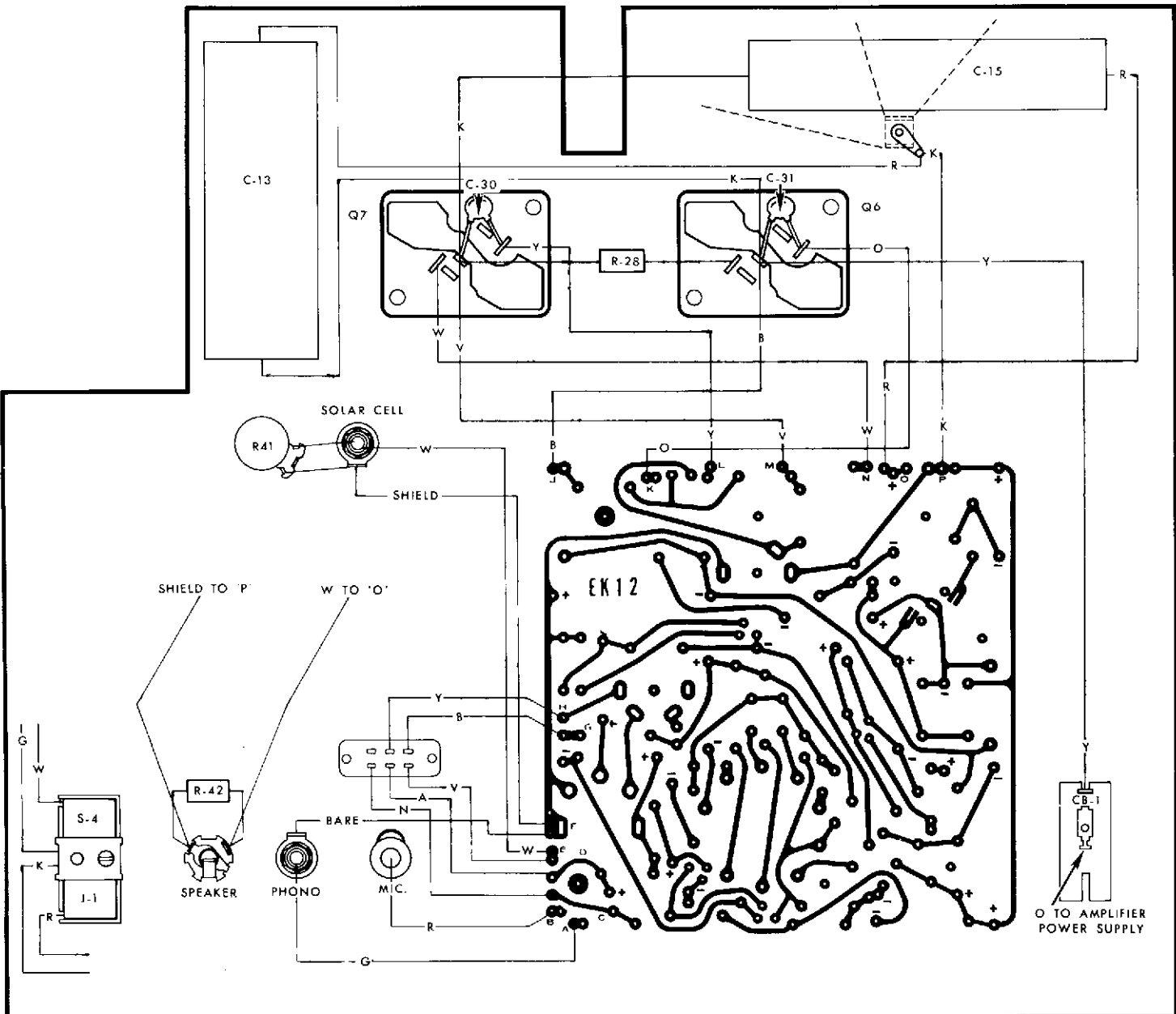


**WIRING DIAGRAM FOR AMPLIFIER AND EXCITER LAMP
POWER SUPPLY ASSEMBLY - 161845**

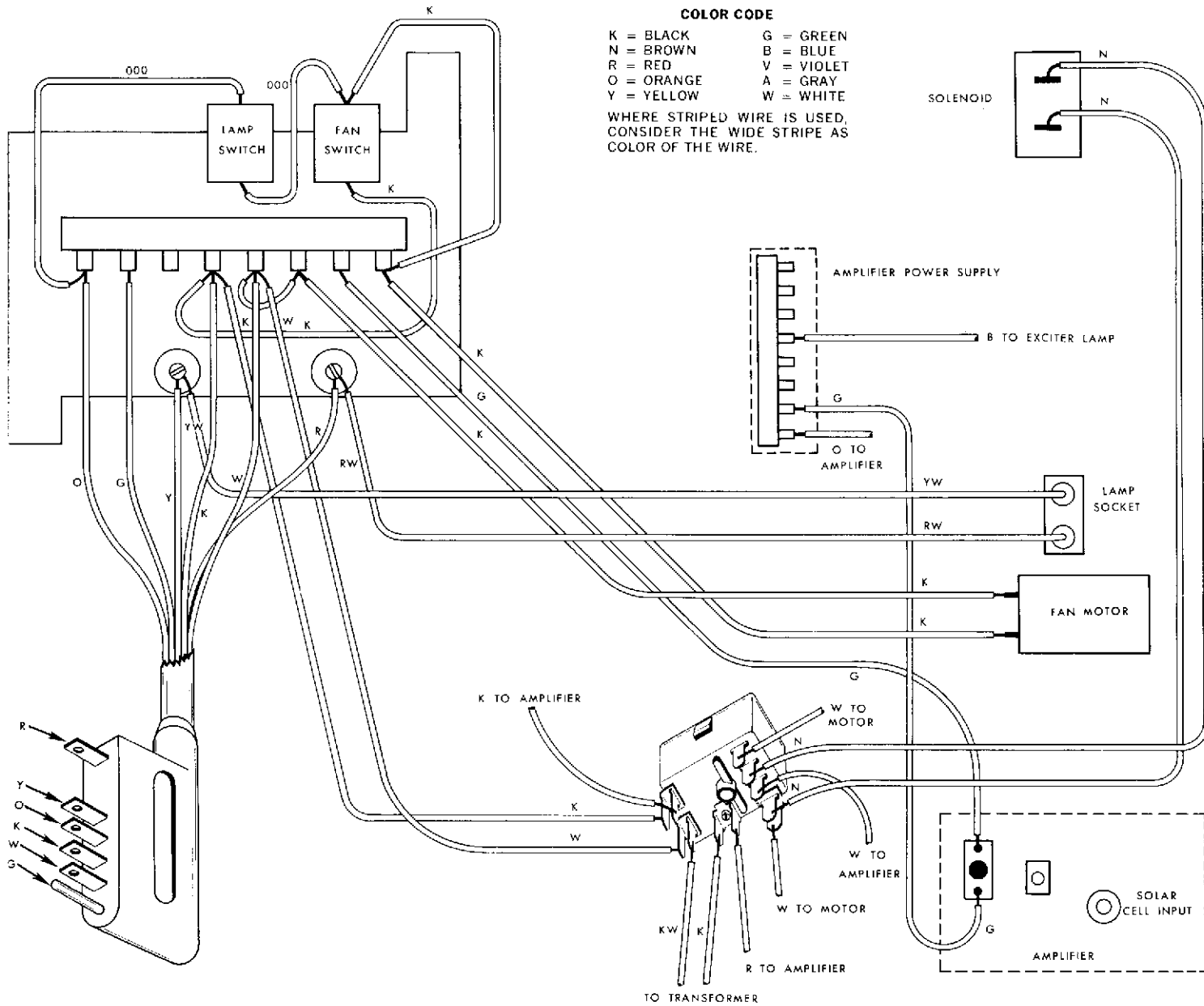
COLOR CODE

K = BLACK	G = GREEN
N = BROWN	B = BLUE
R = RED	V = VIOLET
O = ORANGE	A = GRAY
Y = YELLOW	W = WHITE

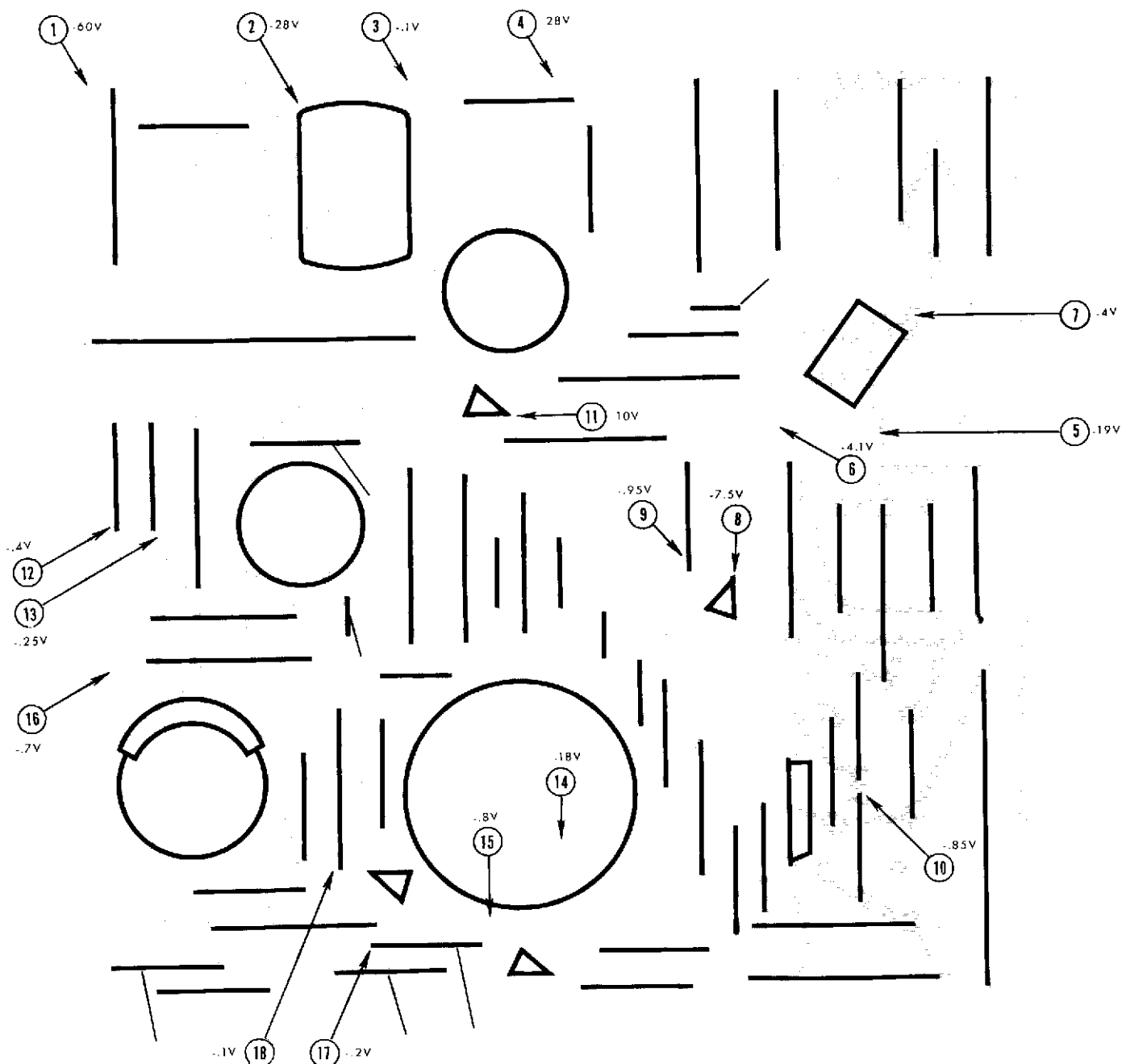
WHERE STRIPED WIRE IS USED,
CONSIDER THE WIDE STRIPE AS
COLOR OF THE WIRE.



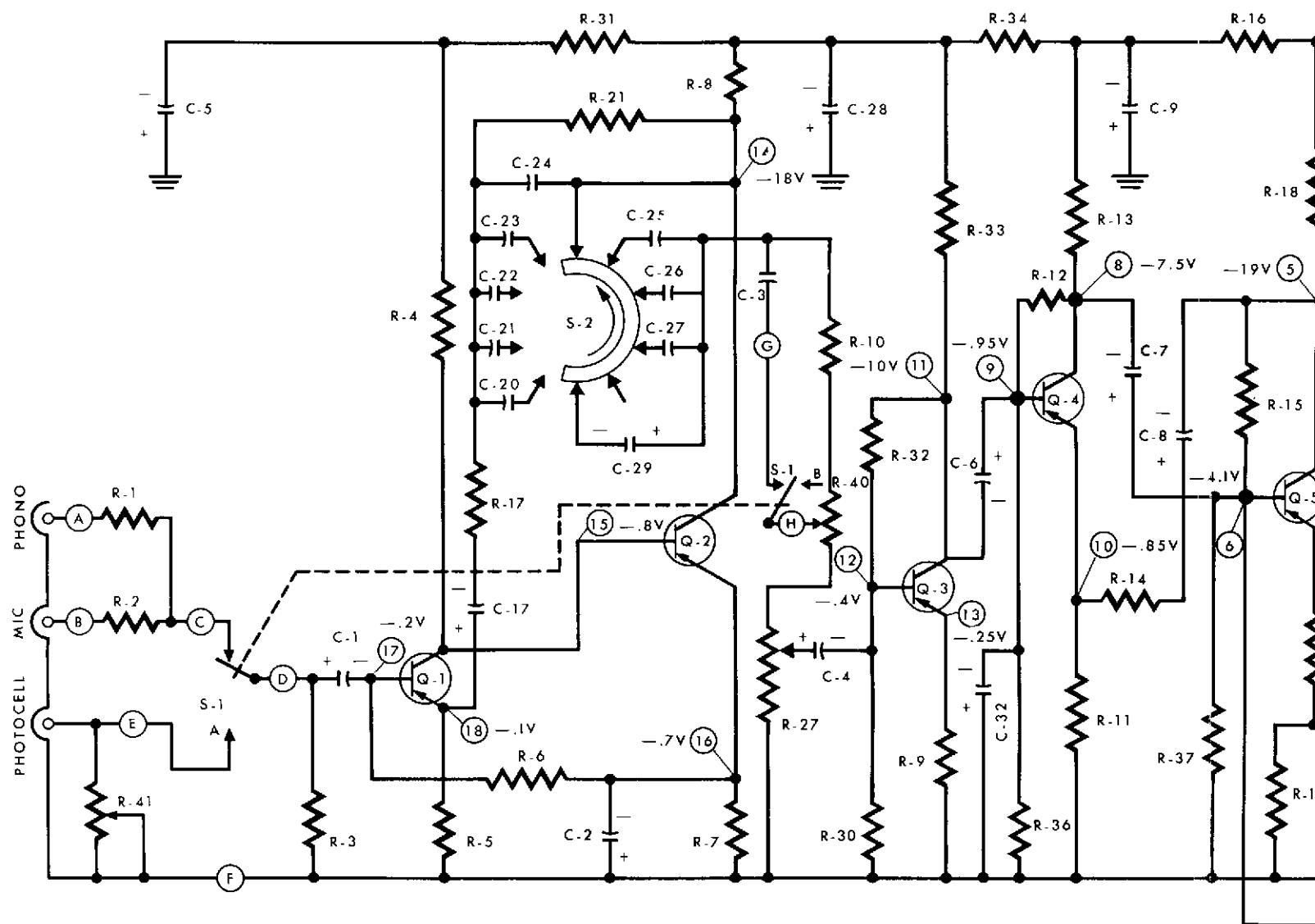
AMPLIFIER WIRING DIAGRAM
KODAK PAGEANT ARC PROJECTOR



**WIRING DIAGRAM
KODAK PAGEANT ARC PROJECTOR**

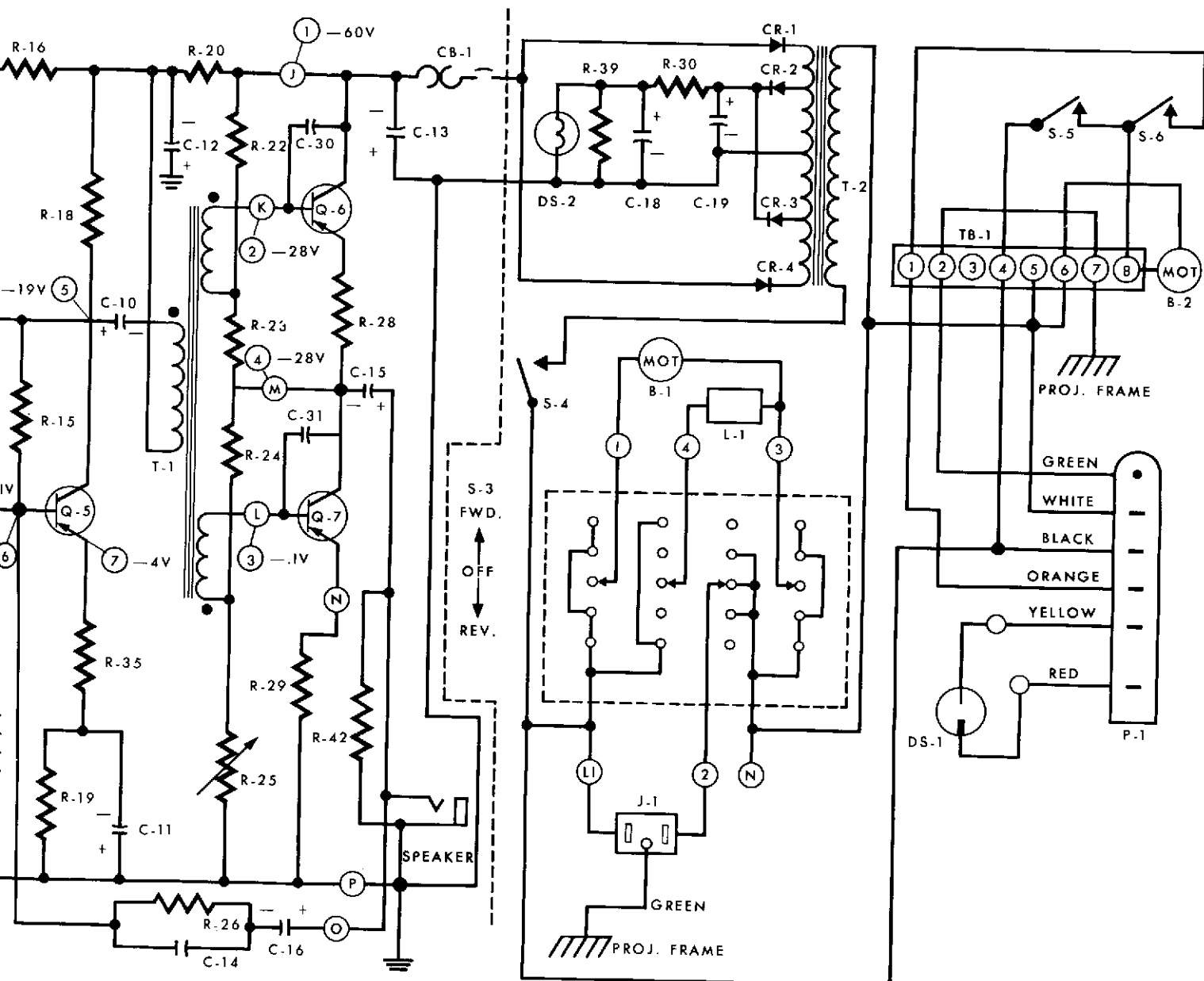


**VOLTAGE-CHECK AND COMPONENT LOCATING DIAGRAM
KODAK PAGEANT ARC PROJECTOR**



**SCHEMATIC DIAGRAM
KODAK PAGEANT ARC POWER SUPPLY**

R-1	126101	470K ½ WATT ± 10%	R-26	147756	1.8K ½ WATT ± 10%	C-10	100 MFD 50 VDC ELECTROLYTIC
R-2	78671	47K ½ WATT ± 10%	R-27	178372	VOLUME CONTROL	C-11	25 MFD 10VDC ELECTROLYTIC
R-3	147756	1.8K ½ WATT ± 10%	R-28	161830	1Ω 2 WATT ± 5% WIREWOUND	C-12	25 MFD 10VDC ELECTROLYTIC
R-4	126900	10K ½ WATT ± 10%	R-29	161830	1Ω 2 WATT ± 5% WIREWOUND	C-13	10 MFD 50 VDC ELECTROLYTIC
R-5	136709	47Ω ½ WATT ± 10%	R-30	159633	25Ω 25 WATT ± 10%	C-14	10 MFD 50 VDC ELECTROLYTIC
R-6	78671	47K ½ WATT ± 10%	R-31	126394	4.7K ½ WATT ± 10%	C-15	10 MFD 50 VDC ELECTROLYTIC
R-7	119816	1K ½ WATT ± 10%	R-32	78671	47K ½ WATT ± 10%	C-16	10 MFD 50 VDC ELECTROLYTIC
R-8	126900	10K ½ WATT ± 10%	R-33	147756	1.8K ½ WATT ± 10%	C-17	10 MFD 50 VDC ELECTROLYTIC
R-9	162891	27Ω ½ WATT ± 5%	R-34	872378	100Ω ½ WATT ± 10%	C-18	10 MFD 50 VDC ELECTROLYTIC
R-10	112546	27Ω ½ WATT ± 10%	R-35	161828	18Ω ½ WATT ± 10%	C-19	10 MFD 50 VDC ELECTROLYTIC
R-11	162892	33Ω ½ WATT ± 5%	R-36	126901	6.8K ½ WATT ± 10%	C-20	10 MFD 50 VDC ELECTROLYTIC
R-12	168066	39K ½ WATT ± 5%	R-37	872443	12K ½ WATT ± 10%	C-21	10 MFD 50 VDC ELECTROLYTIC
R-13	160123	680Ω ½ WATT ± 5%	R-38	112546	2.7K ½ WATT ± 10%	C-22	10 MFD 50 VDC ELECTROLYTIC
R-14	123301	1.1K ½ WATT ± 5%	R-39	154868	500Ω 2 WATT ± 10%	C-23	10 MFD 50 VDC ELECTROLYTIC
R-15	126905	27K ½ WATT ± 10%	R-40	161857	CONTROL-FREQUENCY RESPONSE 2.5K	C-24	10 MFD 50 VDC ELECTROLYTIC
R-16	866521	390Ω ½ WATT ± 10%	C-32	152129	.01 MFD 50VDC MYLAR	C-25	10 MFD 50 VDC ELECTROLYTIC
R-17	872379	1.2K ½ WATT ± 10%	C-1	161022	25 MFD 10VDC ELECTROLYTIC	C-26	10 MFD 50 VDC ELECTROLYTIC
R-18	165557	600Ω 5 WATTS ± 5%	C-2	161022	25 MFD 10VDC ELECTROLYTIC	C-27	10 MFD 50 VDC ELECTROLYTIC
R-19	161827	91Ω 1 WATT ± 5%	C-3	161858	.015 MFD 50 VDC MYLAR	C-28	10 MFD 50 VDC ELECTROLYTIC
R-20	127852	300Ω 5 WATT ± 10%	C-4	161022	25 MFD 10VDC ELECTROLYTIC	C-29	10 MFD 50 VDC ELECTROLYTIC
R-21	872443	12K ½ WATT ± 10%	C-5	164758	40 MFD 25 VDC ELECTROLYTIC	C-30	10 MFD 50 VDC ELECTROLYTIC
R-22	126900	10K ½ WATT ± 10%	C-6	161022	25 MFD 10 VDC ELECTROLYTIC	C-31	10 MFD 50 VDC ELECTROLYTIC
R-23	161828	18Ω ½ WATT ± 10%	C-7	159413	10 MFD 50 VDC ELECTROLYTIC	CR-1	10 MFD 50 VDC ELECTROLYTIC
R-24	126900	10K ½ WATT ± 10%	C-8	159413	10 MFD 50 VDC ELECTROLYTIC	CR-2	10 MFD 50 VDC ELECTROLYTIC
R-25	161829	BIAS CONTROL 50Ω ± 20%	C-9	159410	125 MFD 50 VDC ELECTROLYTIC	CR-3	10 MFD 50 VDC ELECTROLYTIC



IC DIAGRAM
NT ARC PROJECTOR

C-10	165556	25 MFD 50 VDC ELECTROLYTIC	CR-4	164193	750 MA 200 PIV DIODE
C-11	161831	75 MFD 6 VDC ELECTROLYTIC	Q-1	184574	TRANSISTOR 2N5366 ECG 159
C-12	159410	125 MFD 50 VDC ELECTROLYTIC	Q-2	184574	TRANSISTOR 2N5366
C-13	161832	1500 MFD 70 VDC ELECTROLYTIC	Q-3	184574	TRANSISTOR 2N5366
C-14	143229	.0015 MFD $\pm$ 10% 450 VDC DISC	Q-4	162893	TRANSISTOR 2N1038 PNP ECG 176
C-15	159416	1500 MFD 50 VDC ELECTROLYTIC	Q-5	161849	TRANSISTOR 2N1136 PNP ECG 106
C-16	161022	25 MFD 10 VDC ELECTROLYTIC	Q-6	161835	TRANSISTOR 2N1136A PNP
C-17	161022	25 MFD 10 VDC ELECTROLYTIC	Q-7	161835	TRANSISTOR 2N1136A PNP
C-18	159634	1300 MFD 35 VDC ELECTROLYTIC	DS-1		PROJECTION LAMP
C-19	159634	1300 MFD 35 VDC ELECTROLYTIC	DS-2	BSK	PHOTOCELL EXCITER LAMP
C-20	161020	.005 MFD 50 VDC MIN. CERAMIC	S-1	186949	INPUT SELECTOR SWITCH
C-21	159420	.004 MFD 50 VDC MIN. CERAMIC	S-2	159435	tone CONTROL SWITCH
C-22	161021	.0018 MFD 50 VDC MIN. CERAMIC	S-3	159533	PROJECTOR CONTROL SWITCH
C-23	161021	.0018 MFD 50 VDC MIN. CERAMIC	S-4	159445	AMPLIFIER CONTROL SWITCH
C-24	159418	100 MMFD 50 VDC MIN. CERAMIC	J-1		THREADLAMP SOCKET
C-25	159409	.027 MFD 100 VDC MIN. MYLAR	CB-1	151383	CIRCUIT BREAKER
C-26	159414	.033 MFD 100 VDC MIN. MYLAR	T-1	161836	DRIVER TRANSFORMER
C-27	159419	.047 MFD 100 VDC MIN. MYLAR	T-2	161837	POWER TRANSFORMER
C-28	164758	40 MFD 25 VDC ELECTROLYTIC	P-1	181912	POWER CORD
C-29	159413	10 MFD 50 VDC ELECTROLYTIC	R-41	164603	25K POTENTIOMETER
C-30	164757	.001 MFD $\pm$ 10% 50 VDC MIN. CERAMIC	R-42	154868	500 Ω 2 WATT $\pm$ 10%
C-31	164757	.001 MFD $\pm$ 10% 50 VDC MIN. CERAMIC	S-5	181910	BLOWER MOTOR SWITCH
CR-1	164193	750 MA 200 PIV DIODE	S-6	181910	LAMP SWITCH
CR-2	164193	750 MA 200 PIV DIODE	B-1	181881	MECH. DRIVE MOTOR
CR-3	164193	750 MA 200 PIV DIODE	B-2	184476	BLOWER MOTOR
			L-1	181905	SOLENOID
			TB-1	163267	TERMINAL STRIP