



High Gain Afterburner 420

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
C2, 29, 30, 8, 28, 20	2200 pf 1KV DISC CERAMIC	R8	2200 Ω 1/4W RESISTOR
C1	150 pf 1KV DISC CERAMIC	R9	10 Ω 1W RESISTOR
C9	56 pf 1KV DISC CERAMIC	RFC1	27 MHZ CHOKE Z 144
C7	50 pf 1KV DISC CERAMIC	RFC2	47 μ H CHOKE
C14	20 pf 1KV DISC CERAMIC	RFC3	CHOKE Z 144
C12, 24, 15, 16, 23	6800 pf 1KV DISC CERAMIC	V1, 2	6JU6 VACUUM TUBE
C19	3300 pf 3KV DISC CERAMIC	Q1	MPS 6516 TRANSISTOR
C4, 5, 13	1000 pf 1KV DISC CERAMIC	Q2	2N696 TRANSISTOR
C27	100 pf SILVER MICA	RFC4	OHMITE Z -28 CHOKE
C21	10 mf 25-35 WVDC ELECTROLYTIC	L1	TANK COIL
C11, 10	40 mf 450V ELECTROLYTIC	L2, 3	.56 μ H COIL
C22, 26	500 mf 15V DC ELECTROLYTIC	N1	14V BULB #53
C3	100 pf 1KV DISC CERAMIC	F1	5 AMP FUSE
C17	10.5-315.9 pf AIR VARIABLE	T1	TRANSFORMER
C18	3.2-50 pf AIR VARIABLE	K1	3 PDT 12V DC RELAY
D1, 2	1N5054 DIODE	K2	SPDT 12V DC RELAY
D3	1N645 DIODE	S1, 2, 3	SPST SWITCH 10 AMP
D5, 6	1N270 DIODE	S4	DPST SWITCH
D7	6.2V ZENER DIODE 1N753	1 C 1	INTERGRATED CIRCUIT MC1550/G
R1, 2	270K Ω 1W RESISTOR	R10	1.2K Ω 1/4W RESISTOR
R3	510 Ω 1/4W RESISTOR	R11	10K Ω 1/2W RESISTOR
R4	1200 Ω 1/4W RESISTOR	R12	4.7K Ω 1/2W RESISTOR
R5	330 Ω 1/2W RESISTOR	M1	METER, RELATIVE POWER
R6	270 Ω 1/4W RESISTOR	D8	1N34 DIODE
R7, 13	33 Ω 1/4W RESISTOR	C25	.01mfd CAPACITOR 1KV DISC