

ALPHA 76-P-C

PART DESCRIPTION	PART #	SCHEMATIC SYMBOL
BALL DRIVE (VERNIER FOR TUNE AND LOAD CAPS)	MDX-X127	
BLOWER MOTOR 115V (HOWARD #3-90-8507)	BLX-X105	B1, USE BOMAX # 301-6563
BOARD HV/CNTRL-UNSTUFFED	BCX-X113	
BOARD HV/CNTRL-STUFFED	ABX-X015	
BULB #387 28V (PANEL METERS)	ILX-X103	I1,I2
BULB COVER GREEN (LEFT)	ILX-X108	
BULB COVER YELLOW (RIGHT)	ILX-X104	
BULB SOCKET		
CAPACITOR 180uF 450V RADIAL		C1-C6
CAPACITOR 210uF 450V RADIAL	CEX-2170	C1-C6 (UNIT)
CAPACITOR 500uF 50V AXIAL (Use 470uf/50v)	CEX-4772	C7
CAPACITOR 15uF 20V TANT	CLX-1560	C8
CAPACITOR .002uF 1KV DISC	CDX-2020	C9,C19,C26
CAPACITOR .002uF 3KV DISC	CDX-2022	C10-C14,C36,C37
CAPACITOR .01uF 50V DISC	CKD-1030	C15,C20-C22,C25,C27,C33,C34
CAPACITOR .02uF 500V DISC		C18,C28-C30
CAPACITOR .02uF 1KV	CDX-2030-C	C18,C28-C30 (BRD)
CAPACITOR 100pF DIP MICA	CMX-1010	C24
CAPACITOR 11pF AIR VAR. (TRIMMER)	CTX-1100	C31
CAPACITOR 5pF		C32
CAPACITOR .068uF 250V (OUTPUT)		C35
CAPACITOR 300pF DIP MICA	CMX-3010	C38
CAPACITOR 10uF 50V	CEX-1062	C39
CAPACITOR 30-270pF 2KV (TUNE)	CTX-2710	C16
CAPACITOR 32-820pF 2KV (LOAD)	CTX-8210	C17
CROWBAR HV (SAFETY)	MSX-X020	
DIODE RCC 1733 HIGH VOLTAGE RECTIFIER	DRX-X105	D1-D4
DIODE 1N4004	DRX-X102	D10-D14,D17
DIODE 1N4148 (1N914B)	DRX-X107	D6,D15,D18,D19
DIODE 1N4722 OR 1N5404	DRX-X108	D7
DIODE ZENER 1N4757 51V 1W	DZX-X104	D9
DIODE ZENER 1N4746 18V 1W	DZX-X103	D5
DIODE ZENER 1N4733 5.1V 1W	DZX-X101	D8
FUSE 10A 250V CERAMIC	FSX-X113	F1,F2
FUSE 15A 250V CERAMIC	FSX-X104	F1,F2 (76C)
FUSE 1 1/2A SLOW BLOW	FSX-X108	F3 (MANUAL)
INDUCTOR (TANK COIL)	ACX-X116	L1
INDUCTOR (TOROID) (RF SECT)		L2
INDUCTOR (TOROID) (RF SECT)	ACX-X120	L3
INDUCTOR (TOROID) 10m	ACX-X121	L4
INDUCTOR (PLATE CHOKE) (RF SECT)	ACX-X118	L5
INDUCTOR 15uH (RF SECT)	LCX-X101	L6
INDUCTOR 15uH (TUBE DECK)	LCX-X102	L7
INDUCTOR 2mH (ALC OUT)		L8
INDUCTOR (TOROID) (RF OUTPUT)	XCX-X101	L9
INDUCTOR 1mH (OUTPUT WATTMETER)	LCX-X104	L10
INDUCTOR 1 TO 2.5mH	LCX-X106	L11
MANUAL	ZMX-X157	
METER MULTIMETER		M1
PARASITIC CHOKE (SUPPRESSOR) 1.5	ACX-X131	PS1,PS2
PARASITIC CHOKE (SUPPRESSOR) 2.0	ACX-X130	PS3 (76P, 76C)
RELAY AC POWER ON (GUARD 900-2C-120A)		K1
RELAY AC POWER ON (GUARD 1390-2C-120A)	KAX-X104	K1
RELAY STEP START (OMRON LY2 24V)	KDX-X107	K2
RELAY PLATE VOLT (MAG. W158-HVX-1-24V)	KDX-X108	K3
RELAY PLATE VOLT (PRD11DYO-24)	KDX-X111	K3
RELAY T/R ENABLE (GUARDIAN 905-2C-24D)		K4 (STANDARD PARTS LIST)
RELAY T/R ENABLE (PHILLIPS 39C11D24)		K4 (STANDARD PARTS LIST)
RELAY TIME DELAY (LG101-1-5)	KXX-X101	K6
RELAY PLATE OVERCURRENT (1A24AH 24V)	KXX-X102	K7
RESISTOR 10 OHM 12W WIREWOUND	RFW-N100	R1,R2

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RESISTOR 750 OHM 2W	RFC-E751-D	R3
RESISTOR 2K 12W WIREWOUND		R4
RESISTOR 150 OHM 1W (HV/CNTRL BRD)	RFC-D151-C	R5
RESISTOR 25 OHM 25W WIREWOUND	RFW-R250	R6
RESISTOR 220K OHM 2W (HV/CNTRL BRD)	RFC-E224-C	R7-R12
RESISTOR 1MEG OHM 1/4W 1% (HV/CNTRL)		R13-R15
RESISTOR 220K OHM 1/4W (HV/CNTRL BRD)	RFC-E224-C	R16
RESISTOR 94 OHM 10W (TUBE DECK)	RFC-E471-D	R22 (5 470 OHM 2W IN PARALLEL)
RESISTOR 94 OHM 10W (TUBE DECK)	RFC-E471-D	R17 (5 470 OHM 2W IN PARALLEL)
RESISTOR 2.7K OHM 1/4W (HV/CNTRL BRD)	RFF-B272-C	R18
RESISTOR 1K OHM 1/4W (HV/CNTRL BRD)	RFF-B102-C	R27
RESISTOR 10 OHM 1/4W (HV/CNTRL BRD)		R28
RESISTOR 18MEG OHM 1/4W (HV/CNTRL)	RFF-B186-C	R29
RESISTOR 270 OHM 1/4W (HV/CNTRL BRD)	RFF-B271-C	R30
RESISTOR 470 OHM 2W (HV/CNTRL BRD)	RFC-E471-C	R31
RESISTOR 47K OHM 1/4W (HV/CNTRL BRD)	RFF-B473-C	R32
RESISTOR 22 OHM 1/4W (HV/CNTRL BRD)	RFF-B220-C	R33
RESISTOR 47K OHM 1/4W (HV/CNTRL BRD)	RFF-B473-C	R34
RESISTOR 1.3K OHM 1/4W (HV/CNTRL BRD)		R35
RESISTOR 3.3K OHM 1/4W (HV/CNTRL BRD)	RFF-B332-C	R36
RESISTOR 33K OHM 1/4W (HV/CNTRL BRD)	RFF-B333-C	R37
RESISTOR 5K OHM (POT.) (HV/CNTRL BRD)	RKX-5200	R38
RESISTOR 470 OHM 1/4W (ALC OUT)	RFF-B471-C	R39
RESISTOR 5K OHM (POT.) (ALC)	RKX-5200	R40
RESISTOR 22 OHM 1/4W (OUTPUT WATTMETER)	RFF-B220-C	R41,R42
RESISTOR 11K OHM 1/4W (OUTPUT WATTMETER)		R43
RESISTOR 3.9K OHM 1/4W (OUTPUT WATTMETER)	RFF-B392-C	R44
RESISTOR 100 OHM 2W 10% (PARASITIC)		PS1,PS2 (+ PS3 76P, 76C)
RESISTOR 100 OHM 2W 5% (PARASITIC)	RFC-E101-C	PS1,PS2 (+ PS3 76P, 76C)
SCREW COVER (TOP 4) COUNTERSUNK	HSS-4022	
SCREW COVER (SIDE/BACK 16) REGULAR	HSS-4016	
SWITCH BANDSWITCH , Two wafer (CENTRALAB JV9034)	AHX-X012	S1
Front wafer, Single pole, Electro Switch E4C-8	SWX-X103	
Rear wafer, Two pole, Electro Switch E4C-10		
Note: Rear wafer usually replaced with SWX-X111 (less \$\$)		
SWITCH BANDSWITCH (VERY EARLY 76)		S1
SINGLE Wafer, 3 Pole, Electro Switch E4C-9		
SWITCH SPDT MOMENTARY TOGGLE		S2
SWITCH 6 PUSHBUTTON ASSEMBLY (65061 K 206)		S3
Switchcraft #65061K-206 is Newark # 22F139		
SWITCH INTERLOCK (MICROSWITCH)		S4
SWITCH HV CROWBAR		S5
TRANSFORMER STANDARD	TPX-X107	T1
TRANSFORMER INPUT MATCH. (TUBE DECK)	ACX-X133	T2
TRANSISTOR MFE122 / MPF121		Q1
Use NTE-222 replacement for Q1.		
TRANSISTOR 2N5826		Q2,Q3
TUBE 8874 EIMAC	VTX-X102	V1,V2 (+ V3 FOR 76P, 76C)
TUBE PLATE CAP	JXX-X101	
VERNIER (BALL DRIVE) FOR TUNE AND LOAD CAPS	MDX-X127	