SPECIAL PURPOSE TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT			BASING	MAX. DIMENSIONS Inches		PLATE VOLTS	GRID 1 VOLTS	GRID 2 VOLTS	GRID 3 VOLTS	PLATE CURR. ma.	GRID 2 CURR. ma.	AMP. FACT.	PLATE RESIST. meg.	MUT. COND. μmhos	OUTPUT watts	LOAD RESIST. ohms	TYPE
			Volts	Amps.	Type		Height	Diam.												
1AE4	Pentode	R-F Amplifier	1.25	0.1	Fil	8YA	2 1/8	3/4	90	0	90		3.5	1.2		0.5	1550			1AE4
2C50	Dble. Triade	Pawer Amplifier	12.6	0.3	Htr	8BD	3 3/16	1 5/16	300	−24			12.5		9.5		1750	(Eoch Unit)		2C50
2C52	Dble. Triode	Voltage Amp.	12.6	0.3	Htr	8BD	3 5/16	1 5/16	250	−2			1.3		90		1900	(Each Unit)		2C52
3A4	Pentode	RF-AF Pwr. Amp.	2.8 1.4	0.4 0.2	Fil	7BX	2 1/8	3/4	150	−8.4	90		13.3	2.2		0.1	1900	0.7	8000	3A4
3A5	Dble. Triode	AF-RF Amp. Osc.	2.8 1.4	0.11 0.22	Fil	7BW	2 1/8	3/4	90	−2.5			3.7		15		1800			3A5
3B4	Beam Pentode	RF Amp. Osc.	2.5	0.16	Fil	7BU	2 1/8	3/4	150	−38	135		25	6.2	(IC_1=55 ma)			1.25 (at 100 Mc)		3B4
6AJ5	Pentode	RF-AF Amplifier	6.3	0.175	Htr	7BD	1 3/4	3/4	28	Rk200	28		3	1.2		0.090	2750			6AJ5
6AN5	Pentode	RF-AF Pwr. Amp.	6.3	0.45	Htr	7BD	2 1/8	3/4	120	Rk120	120		35	12		0.0125	8000	1.3	2500	6AN5
6AR6	Pentode	Power Amp.	6.3	1.2	Htr	9Y	3 15/32	1 7/16	250	−22.5	250		75	5.0		0.021	5400			6AR6
6AS6	Pentode	Mixer-Gated Amp.	6.3	0.175	Htr	9P	1 3/4	3/4	120	−2	120	0	5.2	3.5			3200			6AS6
6AS7G	Dble. Triode	DC Amplifier	6.3	2.5	Htr	8BD	5 5/16	2 1/16	135	Rk250			125		2.1		7500			6AS7G
6J4	Triode	UHF Amplifier	6.3	0.4	Htr	7BT	2 1/8	3/4	100	Rk100			10		55		11000			6J4
6N4	Triode	HF Oscillator	6.3	0.2	Htr	7CA	1 3/4	3/4	180	−3.5			12		32		6000			6N4
7AK7	Pentode	Mixer-Gated Amp.	6.3	0.8	Htr	8V	3 5/32	1 3/16	150	0	90	0	40	21		0.0115	6500			7AK7
CK108	Pentode	R-F Amplifier	6.3	0.3	Htr	8G	4 17/32	1 9/16	250	−3	100		2.3	0.5		1.5	1250			CK108
CK118	Thermal Relay	Overload Protect.				8S	2 7/8	1.275	Operating volt.=6.9±0.2v; Release volt=2.0 to 3.5 volts. Write for data											CK118
310A	Pentode	RF-AF Amplifier	10.0	0.315	Htr	7K	4 9/32	1 9/16	135	−3	135		5.5			0.75	1800			310A
954	Pentode	UHF Amplifier	6.3	0.15	Htr	8B	1 7/8	1 5/32	250	−3	100		2	0.7		>1	1400			954
955	Triode	UHF Oscillator	6.3	0.15	Htr	8D	1 3/8	1 5/32	250	−7			6.3		25		2200			955
956	Pentode	UHF Amplifier	6.3	0.15	Htr	8B	1 7/8	1 5/32	250	−3	100		6.7	2.7		0.7	1800			956
957	Triode	UHF Oscillator	1.25	0.05	Fil	8C	1 3/8	1 5/32	135	−5			2		13.5		650			957
CK1030	Spark Gap	Overvolt.Protect.				None	1 5/16	5/8	Breakdown Voltage=1500 to 2000 volts; Min. External Imped.=5000 ohms.											CK1030
CK1031	Spark Gap	Overvolt.Protect.				None	1 5/16	5/8	Breakdown Voltage=3000 to 3500 volts; Min. External Imped.=10,000 ohms.											CK1031
CK1033	Spark Gap	Overvolt. Protect.				None	1 5/16	5/8	Breakdown Voltage=4200 to 4600 volts; Min. External Imped.=10,000 ohms.											CK1033
CK5608	Dble. Triode	Control Equip.	2.5	2	Htr	7J	4 11/16	1 13/16	300	−6			6		32		2450			CK5608
CK5608A	Dble. Triode	Control Equip.	2.5	2	Htr	8EG	4 11/16	1 13/16	Same characteristics as CK5608. Heaters are connected in series internally											CK5608A
CK5656	Dble. Tetrode	R-F Power Amp.	6.3	0.4	Htr	9K	2 5/16	7/8	150	−2	120		15	2.7		0.06	5800	(Each Unit)		CK5656
CK5694	Dble. Triode	Power Amplifier	6.3	0.8	Htr	8CS	4 5/8	1 13/16	294	−6			7		35		3200	(Each Unit)		CK5694
CK5910	Pentode	Radiosonde	1.4	0.05	Fil	8YA	2 1/8	3/4	90	0	90		1.6	0.45		1.5	900			CK5910
9001	Pentode	UHF Amplifier	6.3	0.15	Htr	7BD	1 13/16	3/4	250	−3	100		2	0.7		>1	1400			9001
9002	Triode	UHF Oscillator	6.3	0.15	Htr	7BS	1 13/16	3/4	250	−7			6.3		25		2200			9002
9003	Pentode	UHF Amplifier	6.3	0.15	Htr	7BD	1 13/16	3/4	250	−3	100		6.7	2.7		0.7	1800			9003
9005	Diade	Detectar	3.6	0.165	Htr	8DA	1 3/8	5/8	Max. Plate Voltage (RMS)=117v; Max. Io=1.0 ma.											9005
9006	Dble. Diode	Detectar	6.3	0.15	Htr	7BV	1 13/16	3/4	Max. Peak Inverse=750 v; Max. Io=5 mo.											9006

See page 3 for reference notes — See pages 18 and 19 far basing diagrams and terminal connectians.
This data is compiled as a Raytheon service to the Field, it is not intended ta indicate type availability.