

# "KAR" Kansas Amateur Radio Special

Tom WØEAJ

I know we all collect, have, sell, trade, and lust for "stuff" - especially Ham Stuff. While the attached list is not a "brag-list", it began as a whim, a couple of years ago. I began to think about all the electronic & ham radio stuff I'd owned over the years - some used in the shack as the "main" radios, while other stuff was obtained, cleaned up, fixed up, and either traded or sold. I also included test equipment (I do a lot of "testing") and antennas, after a while. It absolutely astounds me when I consider that my earliest introduction to radio was on my "city" Grandfather's 1939 Stromberg-Carlson 410T (AM & SW) radio, that was in his living room - yep... still got it, and yep... it still works! Now, I turn on the ICOM IC-756 PRO II and although the control of the signal that's afforded me with it, provides real communications in being able to pull audio out of "grunge", it all comes back to some guy with a key or microphone (or keyboard) making it happen in the first place... along with those wonderful "boxes" that have worked their way into and out of my shack and shop.

I've attached the current list with this Email to Orlan... maybe he'll include it; maybe not - still, each Name & Model No. tells a yarn back to me - like pretty girls so long ago, each one reminds me of a story, that brought enjoyment and a smile.

It's kind of a "bucket list" in reverse, you see. Try one yourself - you WILL amaze yourself.

Tom - WØEAJ

## ***Equipment at WAØEAJ / WØEAJ:***

**Active rigs - used for primary station at some time**

Crosley	"Fiver" AM/SW radio	(1949)	
Central Electronics	20-A HF exciter		
Central Electronics	458 HF VFO		
Central Electronics	600L HF Linear Amp		
Dentron	160-10 HF Super Tuner		
Dentron	GLA-1000 Linear Amp		
Hallicrafters	R-47 Speaker		
Hammarlund SP-210X Super-Pro	HF receiver	(1941)	
Heathkit	AR-3 HF AM/SW receiver	(1959)	X3
Heathkit	HW-7 HF CW QRP transceiver		X2
Heathkit	SA-2060 HF Antenna Tuner		
Heathkit	SB-200 HF Linear Amp		
Heathkit	SB-220 HF Linear Amp	(WØKI SK)	
ICOM	AH-2 HF end-fed wire autotuner		
ICOM	AT-180 HF remote ant. tuner	(WBØPCM SK)	
ICOM	IC-706 HF/VHF Transceiver	(NØXPS SK)	
ICOM	IC-706 MK-II/G HF/VHF/UHF Transceiver	(NØXPS SK)	
ICOM	IC-R70 HF AM/FM/CW/SSB Receiver		
ICOM	IC-R7000 VHF/UHF AM/FM/CW/SSB Receiver		
ICOM	IC-746 HF/6m/2m Transceiver		
ICOM	IC-756 PRO II HF/6m transceiver		
Kenwood	TS-430S HF Transceiver		
Kenwood	DG-5 Digital Readout		
Kenwood	PS-430 Power Supply		

Kenwood	TS-520S HF Transceiver	
Kenwood	TS-940S/AT HF Transceiver <i>(WØKI SK)</i>	
Kenwood	VFO-520 aux HF VFO	
Stromberg-Carlson	410T AM/SW radio	(1939)
Swan	500C HF Transceiver w/117AC P/S + DC-14 pak	

### VHF / UHF Equipment

Alinco	ALD-24/T 2m/440 FM mobile transceiver	X2
Alinco	DJ-500T H/T 2m/440 FM handheld	
A O R	VHF/UHF/Air/Cell Scanner	
Clegg	Venus 6m SSB/AM transceiver	
Drake	TR-33C 2m portable transceiver	
G L B	2m Synthesizer	
Heathkit	GP-11 Mobile Power Supply	
Heathkit	HA-201(a) 2m power amplifier	
Heathkit	HW-37 "Twoer" 2m AM Transceiver	
ICOM	IC-2/AT 2m FM handheld	X2
ICOM	IC-04/AT 440 FM handheld	
ICOM	IC-202S 2m SSB/CW Transceiver	
ICOM	IC-215 2m FM Transceiver	
ICOM	IC-230 2m FM mobile transceiver	X4
ICOM	IC-505 6m SSB/CW Transceiver	
ICOM	3200 2m/440 FM mobile transceiver	
Johnson	540 2m FM handheld	X2

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Kenwood	TH-F6A 144/220/440 MHz handheld	X2
Kenwood	TM-732A 2m/440 FM mobile transceiver	
Kenwood	TM-733 2m/440 FM mobile transceiver	X2
Kenwood	TR-7400A 2m mobile transceiver	X2
Kenwood	TM-V7U 2m/440 FM Transceiver	
Midland	13-500 2m FM mobile transceiver	
Realistic	PRO-37 VHF/UHF/Air Scanner	
Standard	C-508A 2m/440 FM QRP handheld	
Yaesu	FT-207R 2m FM handheld	
Yaesu	FT-625RD 6m CW/SSB transceiver	
Yaesu	FRG-9600 60-900 MHz all-mode receiver <i>(NØXPS SK)</i>	
Yaesu	VX-1R 2m/440 FM QRP handheld	

-----owned at one time, bought, cleaned, repaired, sold, etc.-----

ALDA	PS-30 30amp 12v power supply	
ALINCO	DX-70 HF/VHF Transceiver	
Allied	A-2515A HF receiver	(1969)
Atlas	215X HF transceiver	
Bearcat	DX-1000 HF Receiver	
Clegg	22'er 2m AM transceiver	
Clegg	99'er 6m AM transceiver	
Collins <i>(military)</i>	AN/TCS-9 HF Receiver	(1943)
Gonset	Commander HF Xmtr + VFO	(1953)
Gonset	6 band HF-to-AM bcst converter	

Gonset	Super 6 HF-to-AM bcst converter	X2
Gonset	Super 12 6 band HF-to-AM bcst converter	
Gonset	2 band HF (CAP)-to-AM bcst converter	
Gonset	75m HF-to-AM bcst converter	
Hallicrafters	HA-1 AM/FM HT - Gnd + Air (1972) Vietnam	
Hallicrafters	HT-41 HF CW/AM transmitter	
Hallicrafters	PM-23 Speaker	(1940)
Hallicrafters	R-42 "Reproducer" Speaker	
Hallicrafters	S-38 HF receiver	(1946)
Hallicrafters	S-38B HF receiver	
Hallicrafters	S-38D HF receiver	(1956) X2
Hallicrafters	S-40B HF receiver	
Hallicrafters	S-120 HF Receiver (given to WB9NJB)	
Hallicrafters	SX-16 HF Receiver w/speaker(1937)	
Hallicrafters	S-20R HF Receiver	(1945)
Hallicrafters	SX-24 HF Receiver	(1940)
Hallicrafters	SX-62A HF/FM/AM receiver	(1955) X2
Hallicrafters	SX-71 HF Receiver	(1952)
Hallicrafters	SX-99 HF Receiver	(1956)
Hammarlund	HQ-129X HF receiver	(1953) X2
Hammarlund	SP-600 JX-17 HF receiver	(1952)
Heathkit	AT-1 HF CW Transmitter	(1954)
Heathkit	DX-40 HF CW/AM transmitter	(58-60)
Heathkit	DX-60B HF CW/AM transmitter	

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Heathkit	GC-1 HF receiver	(60-62) X2
Heathkit	HA-10 Warrior HF Linear Amplifier	(WØRAS SK)
Heathkit	HG-10B VFO	
Heathkit	HM-15 Phone Patch	X2
Heathkit	HR-10B HF receiver	X2
Heathkit	HW-32 20m HF SSB monobander w/HB p/s	
Heathkit	QF-1 "Q" Multiplier	(WØRAS SK)
Heathkit	SW-7800 HF receiver	
Heathkit	VF-1 HF VFO	X3
Johnson	Adventurer HF CW transmitter	
Johnson	Viking II HF CW/AM Transmitter	X2
Johnson	Viking Valiant HF CW/AM Transmitter	X2
Johnson	Viking 500 HF CW/AM Transmitter	
Johnson	122 HF VFO	
Kenwood	R-2000 HF receiver	
Kenwood	TS-940S/AT	(WØKI SK)
Military	BC-348Q HF receiver	(1942)
Military	BC-1206 LF/Beacon Receiver	
Military (Emerson)	AN/PRC-9 240-300 mHz Survival Radio	
Multi-Elmac	AF-67 HF Transmitter	X2
Multi-Elmac	PMR-7 HF Mobile Receiver	
National	NC-57B HF receiver	
National	NC-60B	
National	NC-125 HF receiver	
National	NC-173 HF receiver w/speaker	(1947)
National	NC-303 HF receiver	
National	NCX-3 HF 3-band transceiver	(WAØTWJ SK)

Palomar	90-A HF Linear Amplifier ( <i>WØRAS SK</i> )	
Home Brew	HBR-11 HF Receiver	(1964)
RACAL	6790/GM HF receiver	
Realistic	DX-300 HF/AM/CW receiver	X2
Realistic	DX-440 HF/AM/CW/FM receiver	X2
S B E	SBE-34 HF Transceiver	
Swan	SS-200A HF transceiver	
Swan	350 HF Transceiver w/117AC Pwr Sply + Spkr	
Swan	500 HF transceiver w/PS+speaker	
TenTec	315 HF (ham bands only) receiver	
Wards Airline	AM table radio - Grandpa S's radio	(1941)
Yaesu	FRG-600 HF receiver	

### Accessory Items

Astatic	D-104 Microphone	X2
Astatic	A-10 Microphone	
Astatic	D-104 "Golden Eagle" Microphone	(1976)
B&W	FL-10/1500 Low-Pass Filter	
Bendix	260/262 SWR Bridge & meter ( <i>WØKI SK</i> )	
Shure	450 Microphone	
Calrad	SR-16 HF SWR Bridge	X2
Calrad	Xtal. Mic. - see K6NCG webpage (6 meter posit)	

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Electrovoice	664 Microphone ( <i>MC-60 configuration</i> )	
E.F. Johnson	114-520 Speed-X semi-auto key	(1946)
E.F. Johnson	114-320 Speed-X Straight key	(1952)
Electric Specialty Co.	Cedar Rapids Bug - kit ( <i>WØKI SK</i> ) used by him in 1940+	
Heathkit	GD-1 Grid Dip Meter w/coils ( <i>WØRAS SK</i> )	
Heathkit	GD-1A Grid Dip Meter w/coils ( <i>WØKI</i> )	
Heathkit	HD-20 Crystal Calibrator ( <i>WØRAS SK</i> )	
Heathkit	HN-31A Antenna - Dummy Load	X2
Heathkit	HO-10 Monitor Scope	
Heathkit	PM-2 Field Strength Meter ( <i>WØRAS SK</i> )	
HEILSOUND	HTSS + HSTA IM + HSTA 18	
Homebrew	Field Strength Meter ( <i>WØRAS SK</i> )	
Homebrew	Field Strength Meter	(1964)
Homebrew	"L" Network HF Tuner	(1974)
Homebrew	Wooden Bug semi-auto key	(1964)
ICOM	SM-6 Microphone	
Kenwood	MC-40 Microphone	
Lionel (mfg.)	J-38 straight key	(WW-II)
MFJ	945-C HF Antenna Tuner	
MFJ	912 4:1 Balun	
McElroy	Deluxe 300 straight key	(1937)
Palomar	500 SWR/Power meter ***	
SWAN	SWR-1 dual SWR meter ( <i>WØRAS SK</i> )	
Turner	4540 "SSB" microphone ( <i>WØKI SK</i> )	
Vibroplex	Lightening Bug semi-auto key	(1950)
Vibroplex	Presentation Deluxe semi-auto key	(1964)
VISTA	VIII 12vdc Power Supply	(1973)

## Test Equipment

Astron	VS-35M 1.6 -13.75vdc 35amp DC P/S	
Astron	RS-35M 13.75vdc 35 amp DC P/S	
B & K	500 Vacuum Tube Tester	
Beckman	3550 Digital Multimeter	
Bird	43 RF Power Meter w/slugs	
Calrad	45-743 variable 1.5a DC P/S	
CIC	PS-1930 1.6 - 25.0vdc 5amp DC P/S	
CenTech	35761 Digital Multimeter	
DuMont	5" oscilloscope	(1955)
D S I	3550 Frequency Counter	
Unknown	DVM-810 Mini Digital Multimeter	
EICO	324 RF Signal Generator	
EICO	377 AF Signal Generator (WØKI SK)	
EICO	368 TV/FM Sweep Generator	
EICO	HVP-5 High Voltage Probe	
Fluke	77 Digital Multimeter	

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Heathkit	AO-1 Audio Generator	
Heathkit	EK-1 basic multimeter	
Heathkit	GD-1 Grid Dip Meter (WØRAS SK)	
Heathkit	GD-1A Grid Dip Meter (WØKI SK)	
Heathkit	HP-32 HV Power Supply	
Heathkit	ID-22 Electronic Switch (WØKI SK)	
Heathkit	IG-72 Audio Generator	
Heathkit	IN-4137 Capacitor Sub. box	
Heathkit	IT-22 Capacitor Tester (WØKI SK)	
Heathkit	RS-1 Resistor Sub. box	
Heathkit	V-5 VTVM multimeter	
Hewlett-Packard	606A 50kc-65mc AM/CW Signal Generator	
Hewlett-Packard	53131A 225 mHz Frequency Counter	
Hewlett-Packard	HP-400 AC RMS voltmeter	
Hitachi	VC-5460 Portable Digital Oscilloscope	
IFR	FM/AM 1000A Service Monitor	
KAY	30-0 Step Attenuator	
Metex	ME-11 Digital Multimeter	
M F J	249 HF/VHF Antenna Analyzer	
M F J	259 HF/VHF Antenna Analyzer	
M F J	269 HF/VHF/UHF Antenna Analyzer	
Marconi	2022C 10kHz-1GHz RF SigGen	
Military	TS-297/U VOM Multimeter	
Military	AN/TV-7A/U Tube Tester	
Military	AN/PSM-2A HV Megohm meter	
Military	AN/URM-25D SigGen (NØRK SK)	1956
Military (Hewlett-Packard)	AN/USM-323 451 kc-1024 mc Signal Generator	
Military	AN/OS-8C 3" oscilloscope W/Probe	
Motorola	T-1034C VHF/UHF FM/CW Signal Generator	
N L S	MS-15 Mini-Oscilloscope	

N R I	Oscilloscope (electronics course)	
OPTOelectronics	FC-50C Freq. Counter ( <i>WØKI SK</i> )	
Panasonic	TN-63 6" B&W video Monitor ( <i>from old B-A</i> )	
R C A	WV-500B Solid-State VTVM	X2
Sencore	SM-152 TV/FM Sweep Generator	
Shibaden	3" CCTV Monitor (battery powered)	
Sperry	AV-2A Snap-Around current meter	
Sperry	CS-600A Circuit Breaker Finder kit	
StarTek	ATH-10 Frequency Counter <i>w/charger</i>	
SONY/Tektronix	314 Storage Oscilloscope	
Tektronix	453 Oscilloscope	
Tektronix	458 Storage Oscilloscope	
Tektronix	465 Oscilloscope	
Tektronix	DC-502-1 Frequency Counter	
Tektronix	DM-501A Digital VOM	
Tektronix	SG-505 Audio Oscillator	
Tektronix	2445A Oscilloscope	X2
Triplett	3432 HF AM/CW Signal Generator	

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Triplett	3550 Digital Multimeter	
Triplett	79-270 High Voltage Probe	
Triplett	RF Probe	
Valhalla	4500 HV Digital Multimeter	
Variac	Homebrew 5a AC Variac w/V & A meters	
Variac	35a AC Variac (117 or 230vac)	

### **Antennas**

Antenna Specialists	5/8 VHF	X3
Arrow	3 element UHF yagi	
Cushcraft	147-11 11 element VHF yagi	
Cushcraft	446-3 3 element UHF yagi	
Cushcraft	6m Squalo	
Cushcraft	6m Ringo Ranger	
Cushcraft	2m Ringo ( <i>WØKI SK</i> )	
Cushcraft	2m Ringo Ranger	X2
Cushcraft	70cm Ringo Ranger	
Diamond	VHF-UHF mobile w/base	
GAP	Challenger HF vertical	
Homebrew	5/8 VHF	
Hustler	MO-2 mobile mast	X2
Hustler	80m resonator	
Hustler	40m resonator	X2
Hustler	40m Super resonator	
Hustler	20m resonator	X2
Hustler	20m Super resonator	
Hustler	15m Super resonator	
Hustler	27m (11.175 mc) resonator	
Hustler	10m resonator	
HyGain	12AVS - HF vertical	
HyGain	18AVT - HF vertical	
Larson	2/70 VHF-UHF mobile	X3

Larson	5/8 VHF	X3
Larson	5/8 UHF	X2
TelRex	4 element 6m yagi	
Unknown	8 element 6m yagi	
Yaesu	ATAS 100 w/Homebrew control box	X2
Yaesu	ATAS 120 w/Homebrew control box	X2

**\*\*\* Palomar 500 SWR/Power meter:**

*Formerly owned by Carl Bruns KØGOZ (SK), my FIRST and ORIGINAL “elmer”, who first showed me a REAL ham shack and was influential upon my hobby, my careers, and my future. Ironically, the meter was purchased from his estate by my STEPFATHER - James Carl (WØKI SK), who ultimately gave it to me in 2009, before his passing.*

