

Item 1

Collins 32S-3 Transmitter

This transmitter is in very good physical shape and works well on all bands, 80 thru 10. The transmitter is very clean, in and out, and the faceplate is in excellent condition. It does not include WARC bands or 160 meters. I made multiple contacts on SSB on 80, 40, and 20 meters during the week of August 15, 2022.

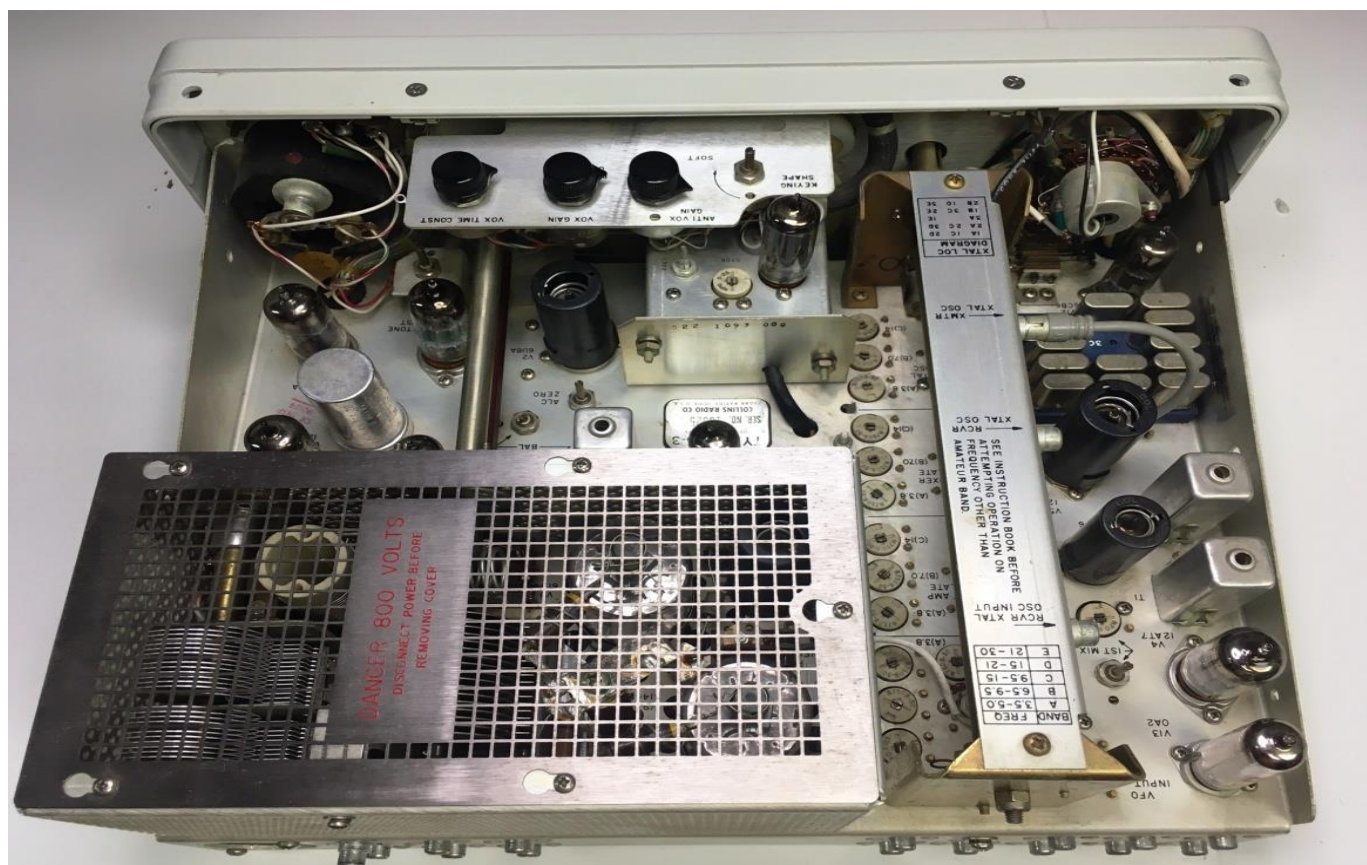
Power output, using a Bird wattmeter, is as follows: 100 watts on 80, 100 watts on 40, 80 watts on 20, 60 watts on 15, and 75 watts on 10. Drive coils have been peaked on 40 thru 10 meters. The CW spot works, as does the Sync function, and the contacts that I made were in the transceiver mode with the 75S-3 receiver as the VFO. I also validated the transmitter operation using the transmitter VFO. The speaker in the power supply works good and was used with the 75S-3 receiver. The manual is complete and is included.

Note: The key on the power supply cable is broken but the cable position is marked with a white stripe to align with a stripe on the chassis.

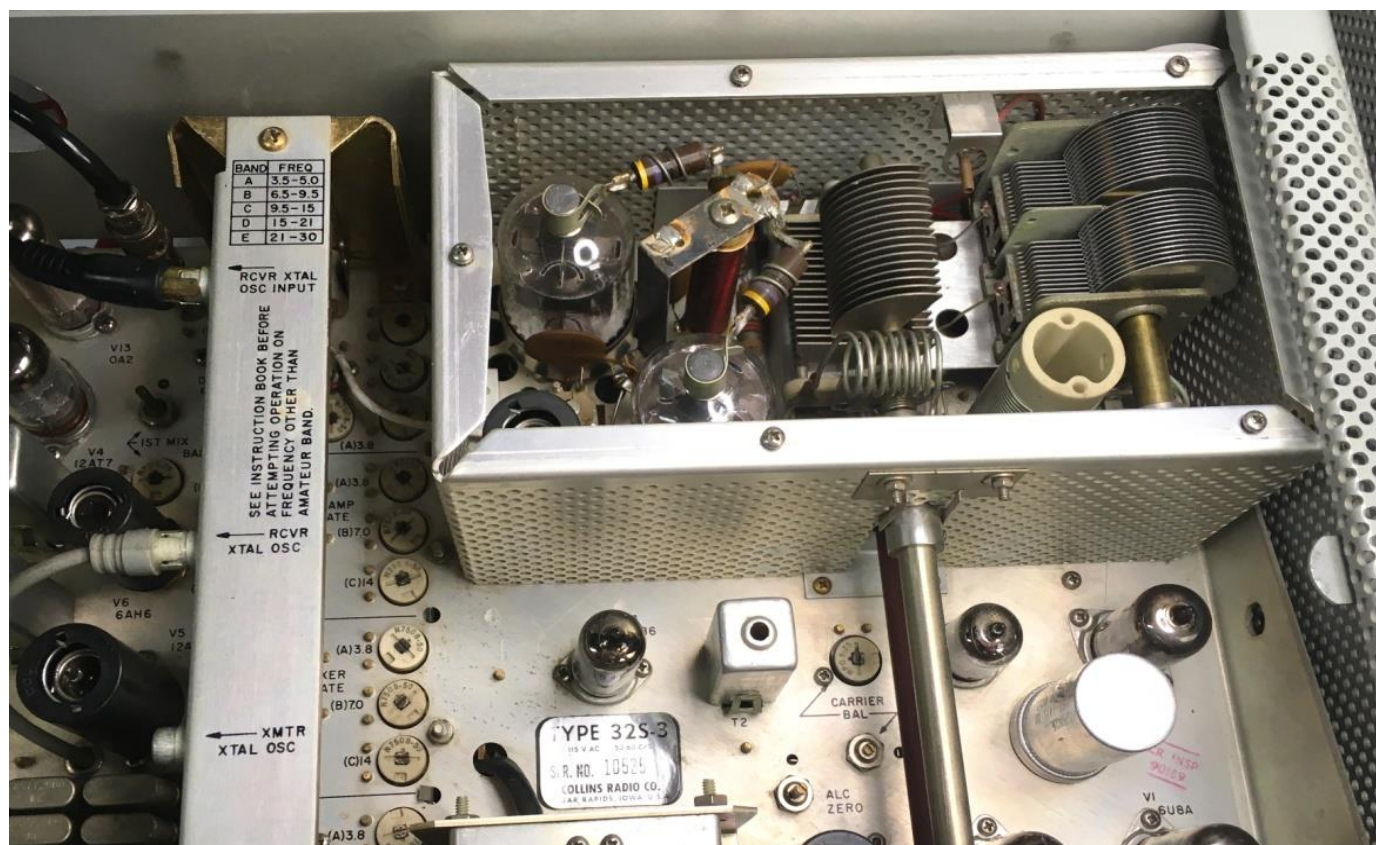
Asking Price: \$675, which includes Trnsmitter, Power Supply with Speaker, and Manual.

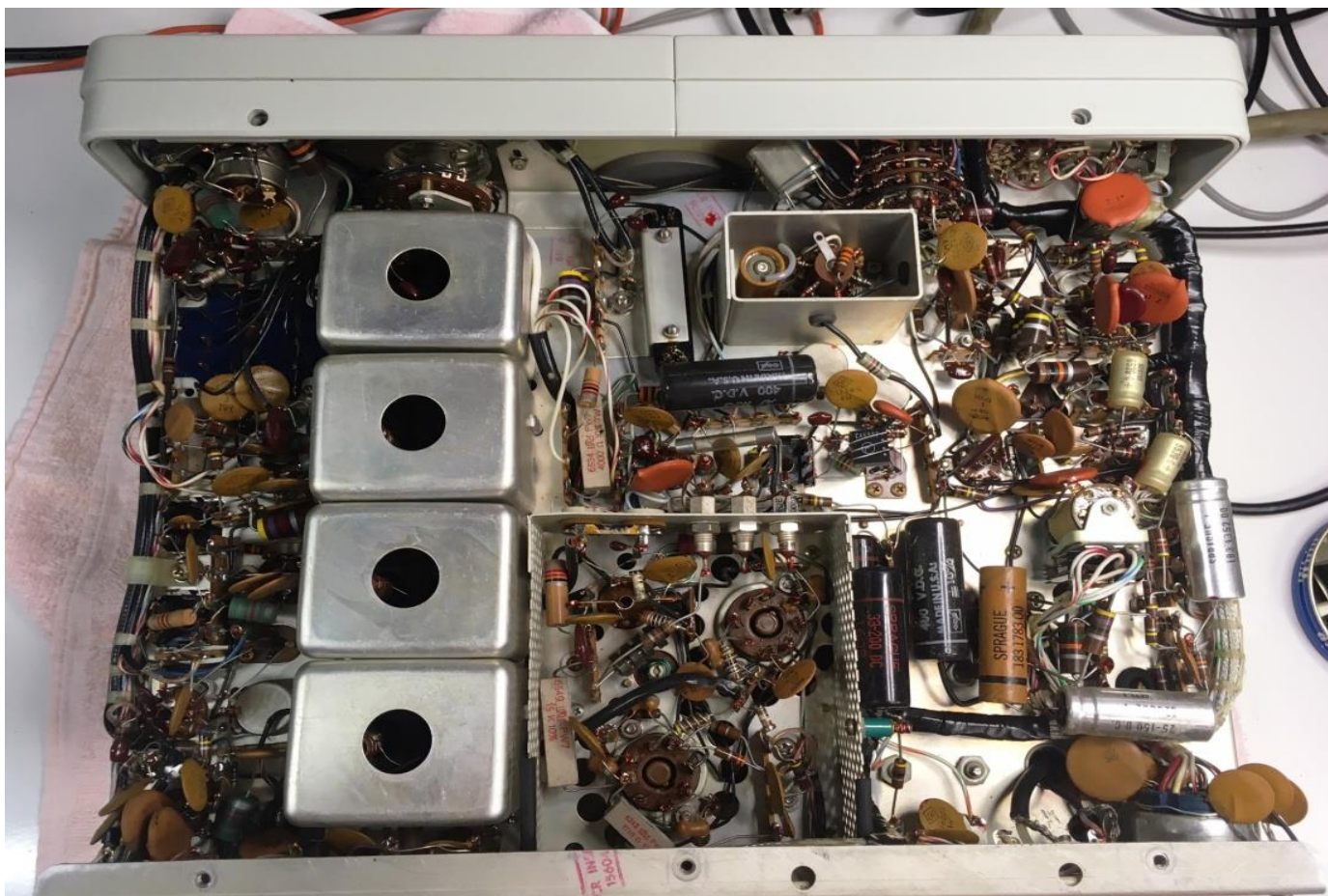


Collins 32S-3 with Power Supply / Speaker (shown with Collins 75S-3)



Collins 32S-3 Chassis Top Views





Collins 32S-3 Chassis Bottom and Rear View





Collins 32S-3 Power Output Test on 40 Meters

Item 2

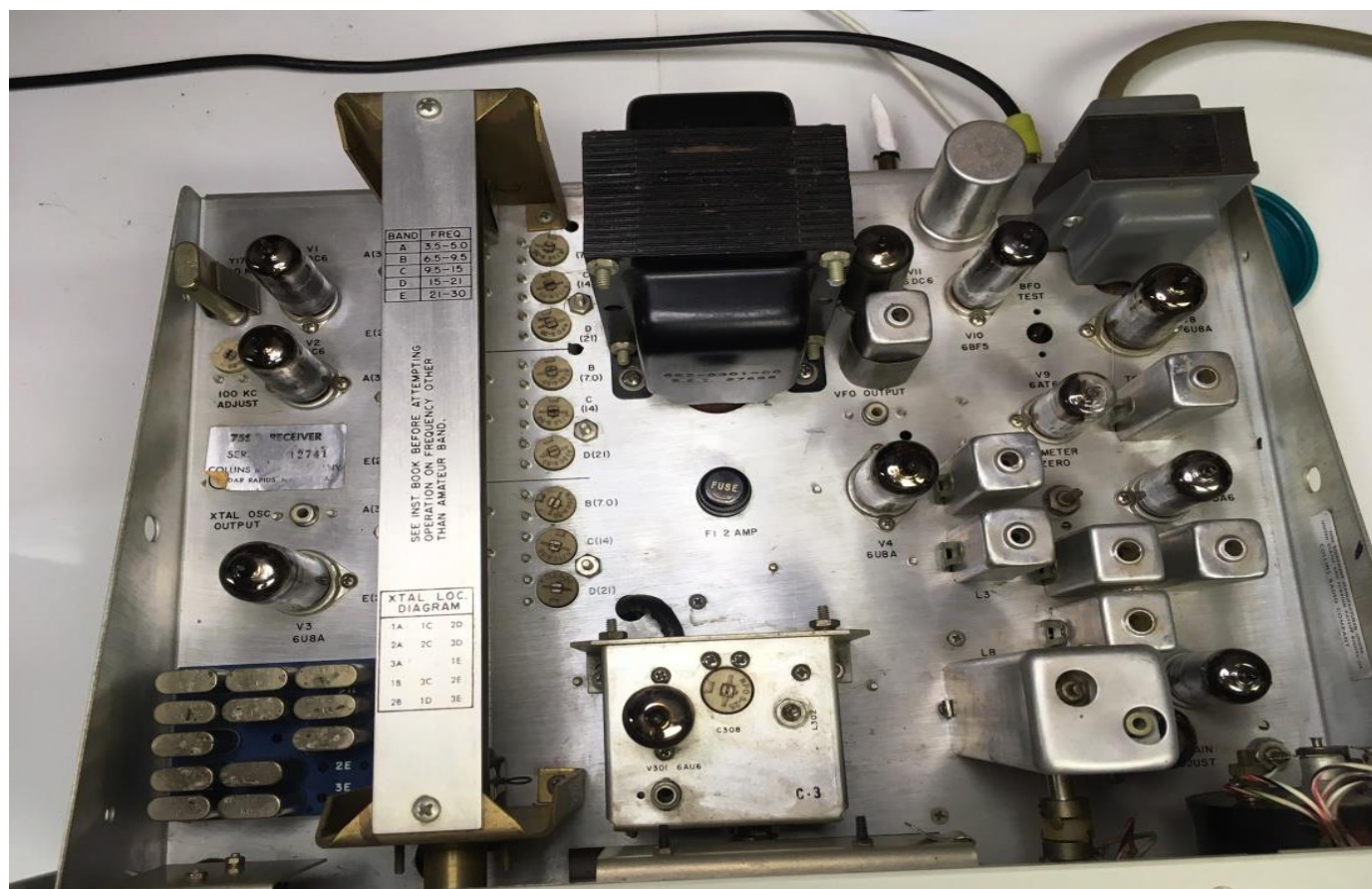
Collins 75S-3 Receiver

Like the transmitter, this receiver is in excellent physical shape. All functions on the receiver work quite well on all Ham bands, 80 thru 10 meters. Audio and RF gain pots were cleaned and operate smoothly and quietly. I operated this receiver every day for at least an hour, over the week of August 15, 2022. I operated it in transceiver mode with the Collins 32S-3, making numerous contacts on 80/40/20 SSB. It has outstanding audio and rejection tuning and the BFO work just fine, as does the crystal calibrator. No issues. It is a very clean and well cared for receiver. It appears to be all original with no evidence that it has been re-capped. This is the S-3 version with 200 hz. CW filter.

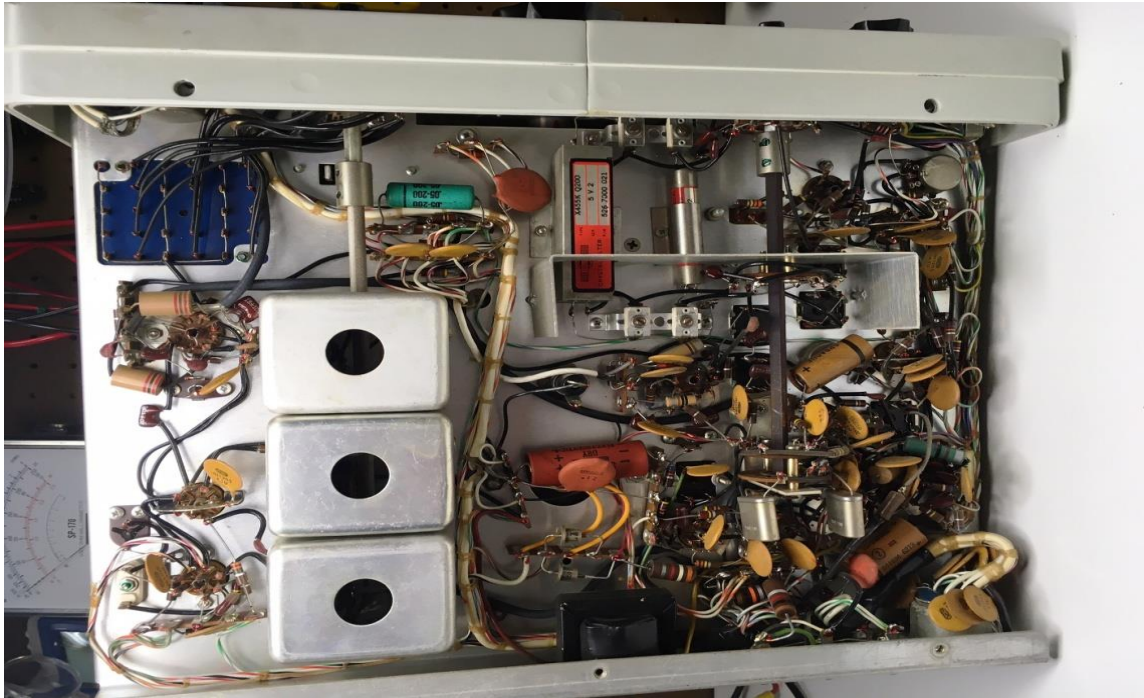
Asking Price: \$650, which includes Receiver and Manual.



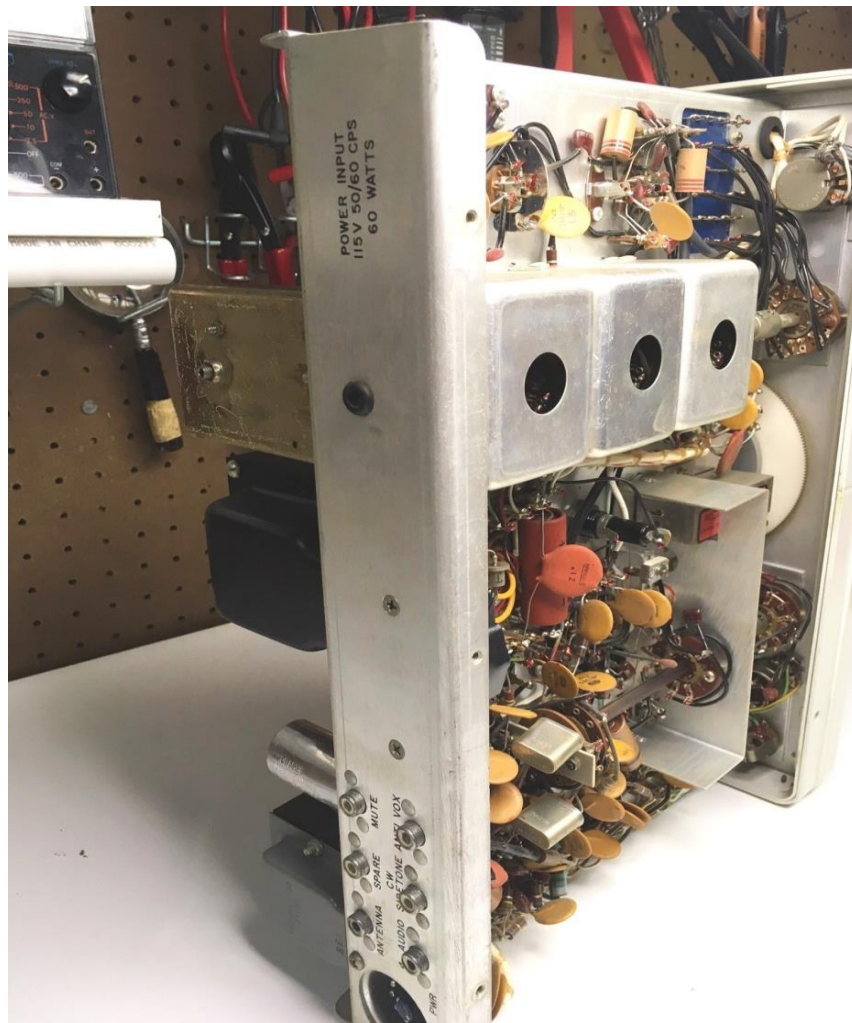
Collins 75S-3 Receiver



Collins 75S-3 Chassis Top View



Collins 75S-3 Chassis Bottom Views



Item 3

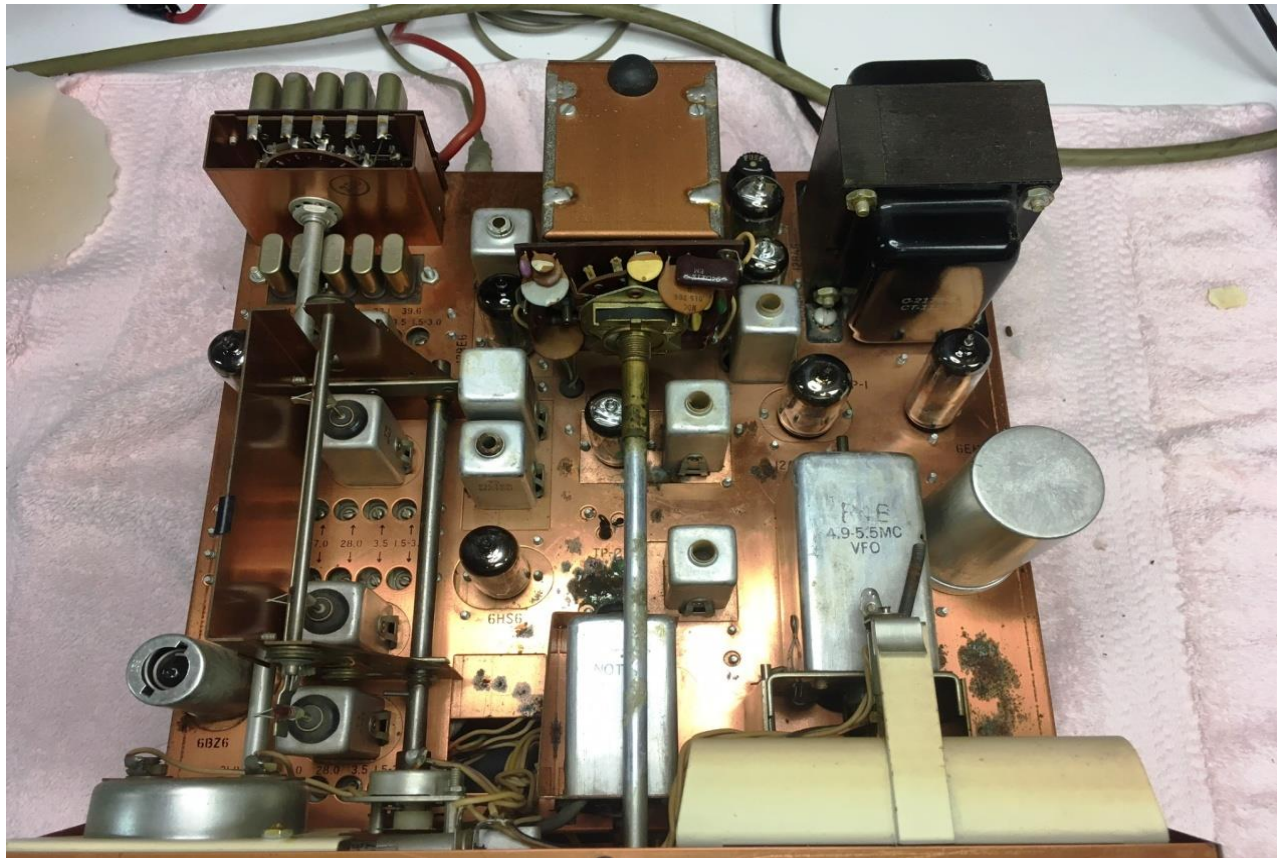
Drake R-4B Receiver

This receiver is in very good condition. It powers up and receives very well on all Ham bands, 80 thru 10 meters. The chassis is in good shape and very clean. Original owner purchased it in January, 1973. I operated it with no issues during the week of August 15 thru 22, 2022.

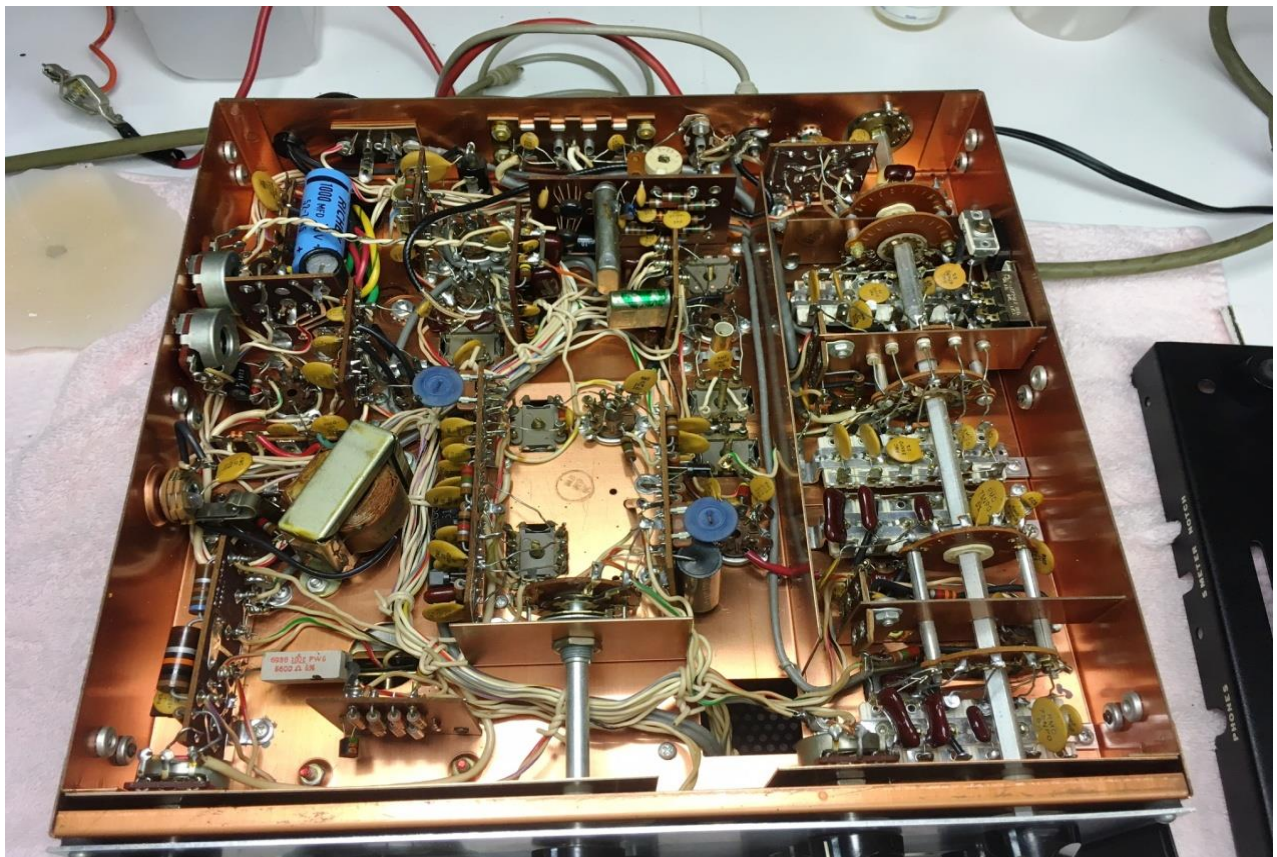
All features work. Passband tuning is excellent and all filters work. The noise blanker works as does the notch filter. Pots are clean and smooth. The crystal calibrator works. This is a very stable receiver. It does not appear to have been re-capped. It looks all original.

Asking Price: \$275, Includes Receiver and Manual.





Drake R-4B Chassis Views





Drake R-4B Rear View

Crystals are as follows:

- 1) 13102 khz.
- 2) 14100 khz.
- 3) 37.883 mhz.
- 4) 14362.5 khz.
- 5) 27.225 mhz.
- 6) 34.4 mhz.
- 7) 27.255 mhz.
- 8) Blank
- 9) 14.1 mhz.
- 10) 15.6 mhz.

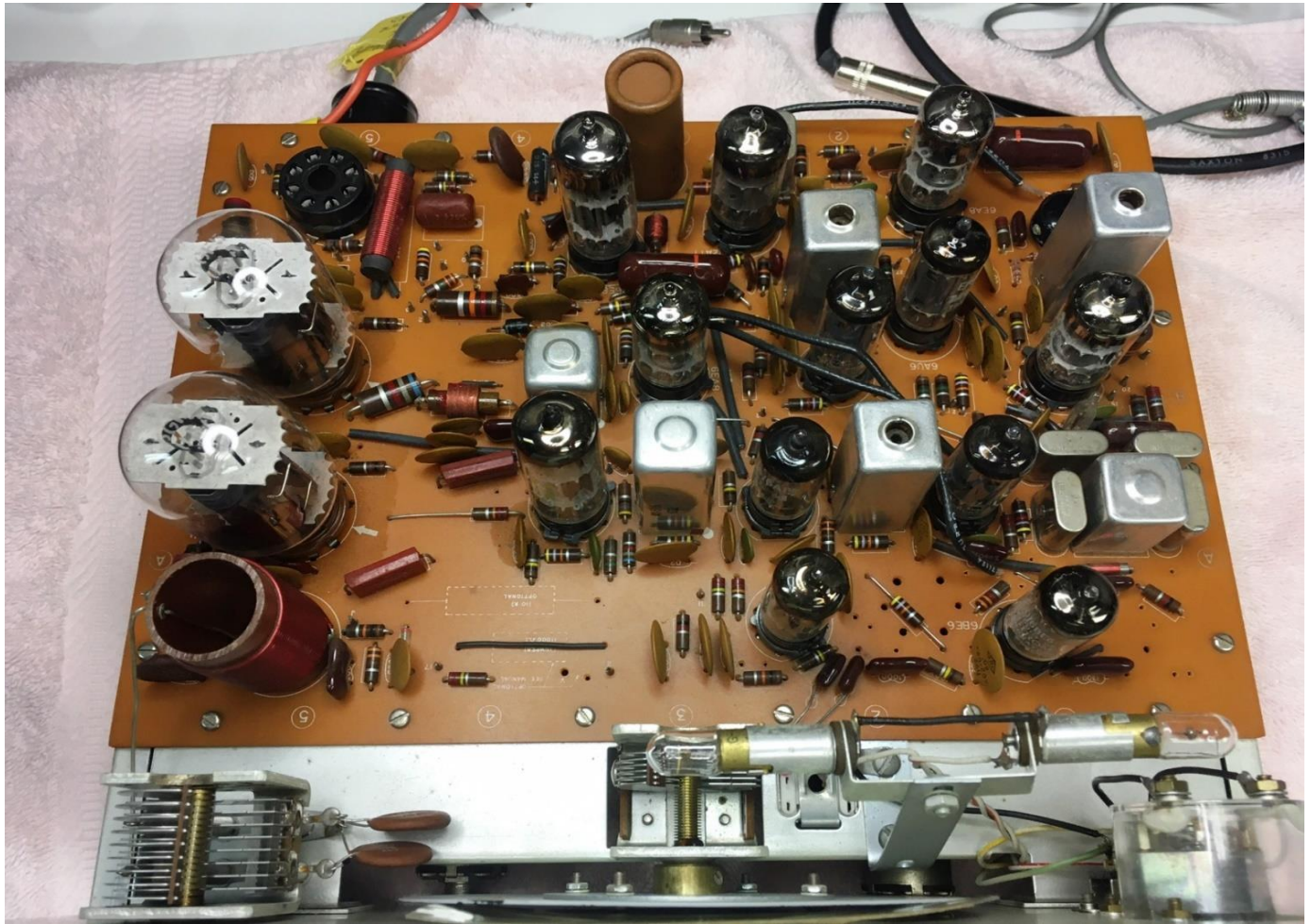
Item 4

Heathkit HW-12 Transceiver

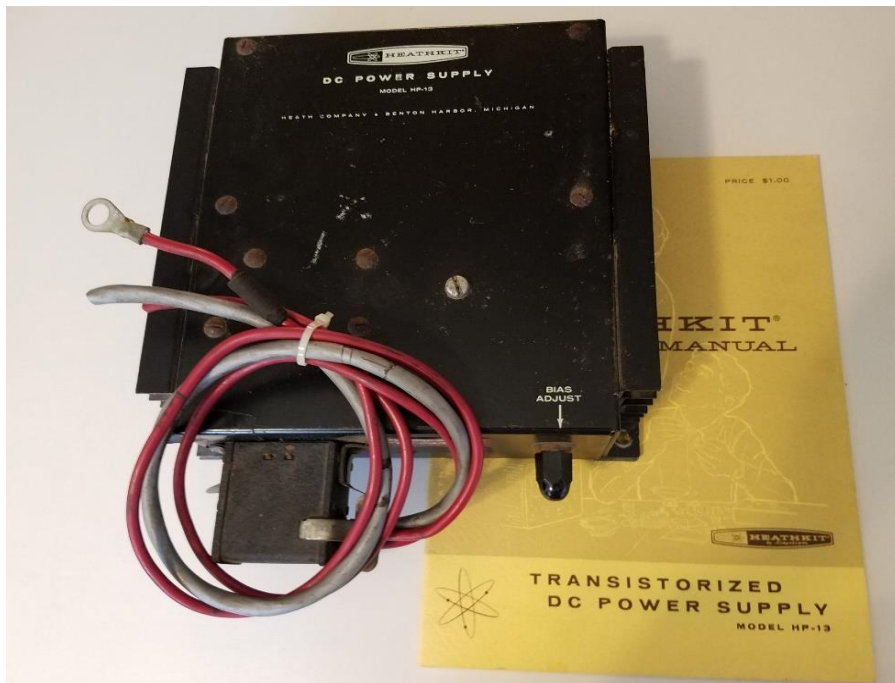
This beautiful Heathkit transceiver is the mono-bander for 80 meters. It is in excellent condition and works 100%. It powers up, makes 100 watts PEP, and has very good audio.

Asking Price: \$170, Includes Transceiver w/ Hand Mic., HP-23 A.C. Power Supply, HP-13 D.C. Power Supply, HS-24 Mobile Speaker, and Complete Manuals.





Heathkit HW-12 Chassis Top View



Heathkit HP-13 D.C. Power Supply

Page 2

SPECIFICATIONS

Input Voltage.....	12 to 14.5 volts DC (negative ground), 25 amperes maximum with full load,
Input Current.....	10 degrees Fahrenheit to 122 degrees Fahrenheit.
Allowable Ambient Temperature.....	800 volts DC with no load, 750 volts DC with 250 ma load,
High Voltage Output.....	10 μ fd.
Effective Output Capacitance.....	Less than 1% at 250 ma,
Ripple.....	Continuous up to 150 ma, 50% up to 300 ma, SSB duty up to 300 ma,
Duty Cycle.....	310 volts DC with no load, 300 volts DC with 150 ma load,
Low Voltage Output (High Tap).....	Less than .05% at 150 ma,
Ripple.....	Continuous up to 175 ma,
Duty Cycle.....	285 volts DC with no load, 250 volts DC with 150 ma load,
Low Voltage Output (Low Tap).....	Less than .05% at 150 ma,
Ripple.....	Continuous up to 175 ma,
Duty Cycle.....	Adjustable Bias Voltage.....
Adjustable Bias Voltage.....	-40 to -130 volts DC,
Duty Cycle.....	20 ma at -130 volts to 1 ma at -40 volts continuous,
Switching Frequency.....	1500 cps (approximate),
Cabinet Dimensions.....	7-3/4" wide x 7-5/16" long x 2-3/8" deep,
Net Weight.....	5-1/4 lbs,
Shipping Weight.....	7 lbs.

NOTE: A 13.0 volt DC input was used in determining electrical specifications.

All prices are subject to change without notice. The Heath Company reserves the right to discontinue instruments and to change specifications at any time without incurring any obligation to incorporate new features in instruments previously sold.

Item 5

Drake TR-22C Transceiver w/ Mic, Antenna, and Case/Strap

The transceiver turns on but is very limited... less than 1 watt and is intermittent on some channels.



Asking Price: ***FREE with any other purchase.***

Item 6

Kenwood TH-31BT Transceiver - Hand-Held for 220 mhz.



Asking Price: ***FREE with any other purchase.***

Item 7

Drake ML-2, 2 Meter Transceiver

The transceiver has crystals for 7 channels. Makes good power.

Asking Price: \$15, Includes Transceiver with Hand-Held Mic.



Drake ML-2, 2 Meter on Test Bench

Item 8

Hallicrafters HT-37 Transmitter

This is a beautiful specimen HT-37 Hallicrafters Transmitter. Very clean, inside and out. It powered up and made reasonable power on all bands, 80 thru 10 meters into a dummy load (Cantenna). Tuned up nicely. Did not verify on the air. Includes like new manual. (Drake WV-4 Wattmeter is listed separately)

Asking Price: \$265



Item 9

Heathkit HA-10 Warrior Linear Amplifier

This amplifier was built by K8OVX , one owner. It is in excellent physical shape. Like all the other equipment on this list, it was powered up slowly using a variac, and verified filaments on all four 811's. Even though the HV pilot would indicate, no HV was obtained on the meter. There is an issue in the HV circuit, possibly a failed 866 mercury vapor rectifier, as the unit had always operated in the past with no issues. Note: Weight is almost 100 lbs.

Asking Price: \$145



Item 10

Misc. Solid State D.C. Power Supply

Powered up, output power measured 12.5 vdc.

Asking Price: \$25



Item 11

Home-Made (?) 2 Meter (?) VHF Transceiver / Repeater

Condition unknown. Possibly workable, if not, possibly good for parts.

Asking Price: **FREE with any other purchase.**



Front View



Rear View

Item 12

Heathkit SB-610 Oscilloscope

The scope powers up and has a bright trace, however, two of the pots, "Focus" and "Vertical Gain", are frozen and need to be replaced. This scope has been modified for 50 Hz. IF used with the Drake R-4B receiver.

Asking Price: **FREE with any other purchase.**



Item 13



Heathkit Model# 337-C - Demodulator Probe

Asking Price: \$10

Item 14



Heathkit Model# PK-1 - Universal Oscilloscope Probe

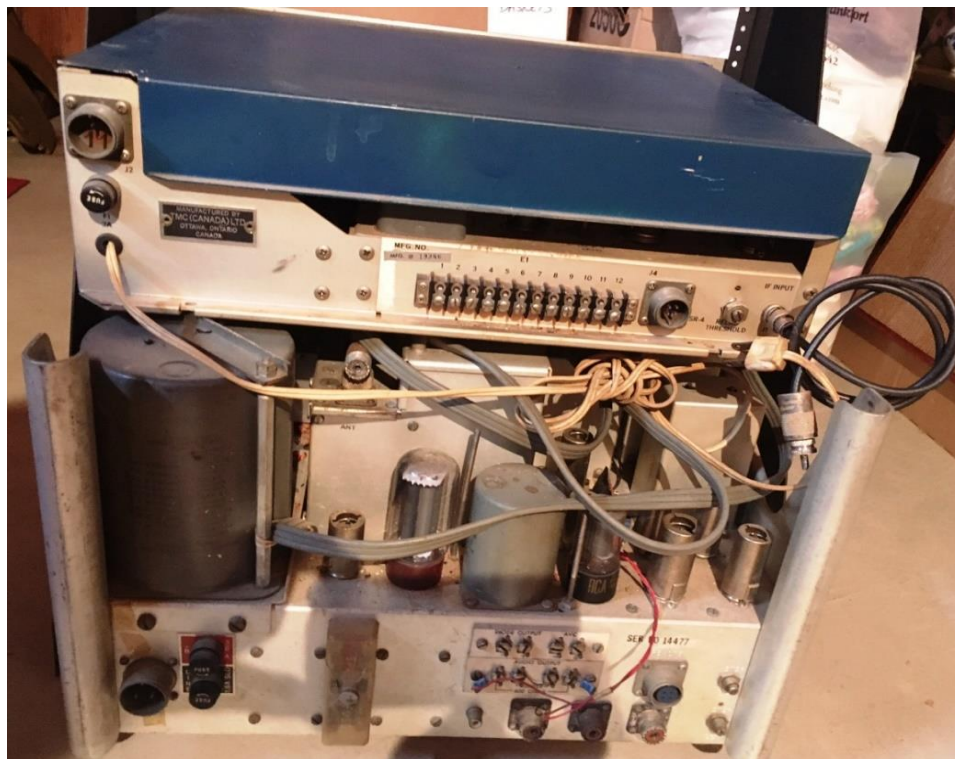
Asking Price: \$10

Item 15

Hammarlund SP-600 Military Receiver

This receiver and the included SSB option are in excellent physical shape. The SP-600 was powered up several times. Minimal audio via headphones.

Asking Price: \$130, Includes Receiver, SSB option, Equipment Rack, and Manual.



HARRY C. GIBBS, AFSC
MEMBER AREA (AFSC)
4000 COTTONWOOD DRIVE
NORFOLK, NE 68167

FF8LN

- PARTS # 1953 -
12-23-71- AF8LN
SP600-JX-17.
1955-LATEST-MANUAL
ALSO-DIVERSITY-MODEL
ABC-CONNECTIONS -

HARRY C. GIBBS, AFSC
MEMBER AREA (AFSC)
4000 COTTONWOOD DRIVE
NORFOLK, NE 68167

Item 16

Heathkit AM-1 Antenna Impedance Meter

Asking Price: \$15



Item 17

Heathkit AM-2 Reflected Power and S.W.R. Bridge

Excellent condition.

Asking Price: \$25, Includes S.W.R. Bridge and Manual



Item 18

Drake WV-4 Wattmeter

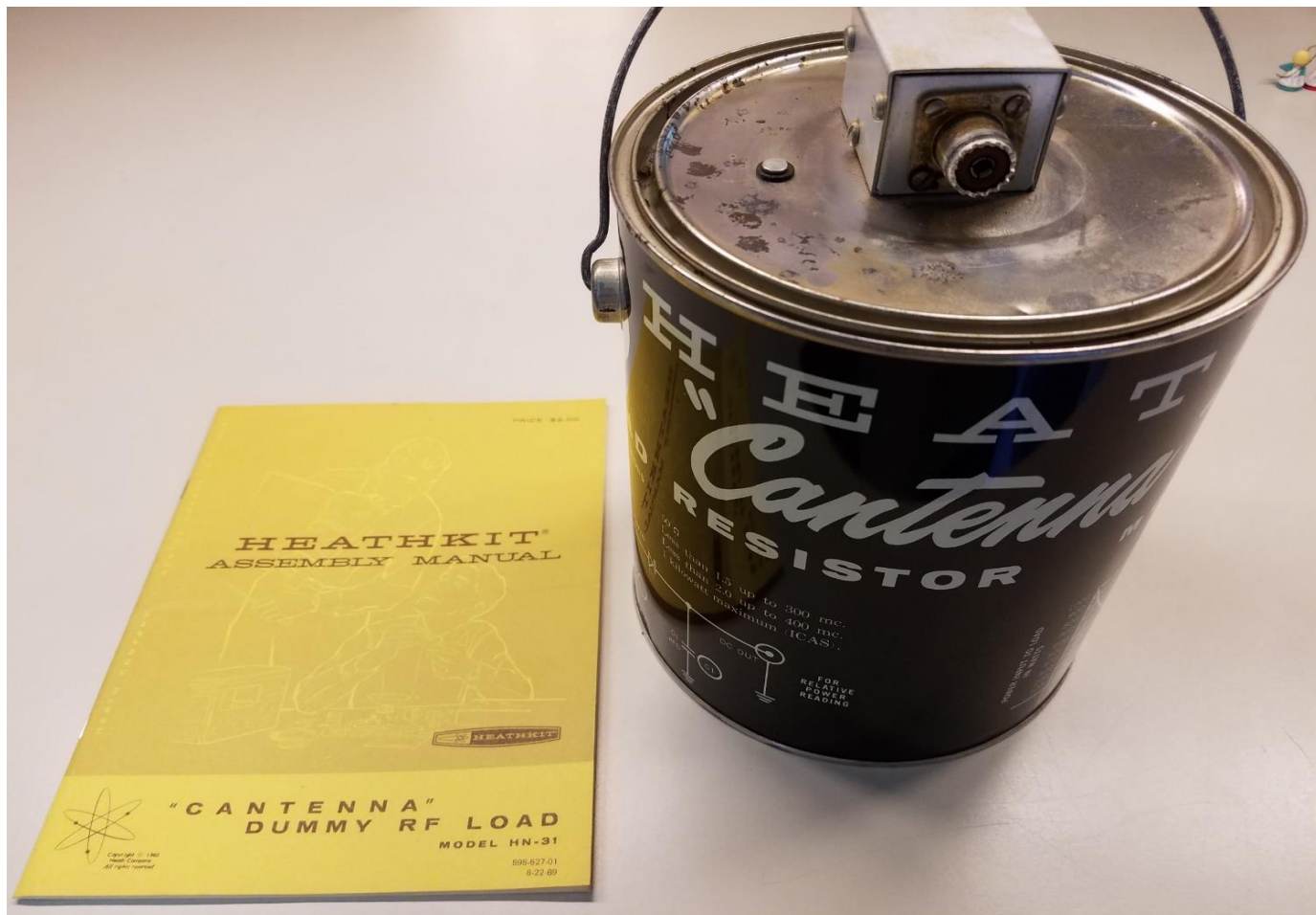
Asking Price: \$45, Includes Wattmeter and Manual



Item 19

Heathkit HN-31 Cantenna (Dummy Load)

Asking Price: \$15, Includes Cantenna and Manual



Item 20

Heathkit MM-1 Multimeter

Asking Price: \$45, Includes Multimeter and Manual



Item 21

ASI Transistorized Signal Tracer

Asking Price: \$15



Item 22

Astatic Corp. D-104 Microphone with Model G Stand

12" Tall

Asking Price: \$45, Includes Microphone and Stand



Item 23

Astatic Corp. D-104 Microphone with Stand

Asking Price: \$25, Includes Microphone and Stand



Item 24

Shure 425 Commando Microphone

Asking Price: \$30, Includes Microphone, Adapter, and Desk Stand



Item 25

Shure #444 Desk Microphone

10-1/2" Tall

Asking Price: \$45



Item 26

Shure CR-81 Microphone with Astatic E-1 Base

Asking Price: \$15



Item 27

Shure DX-80C Microphone

Asking Price: \$10, Includes Microphone and Case

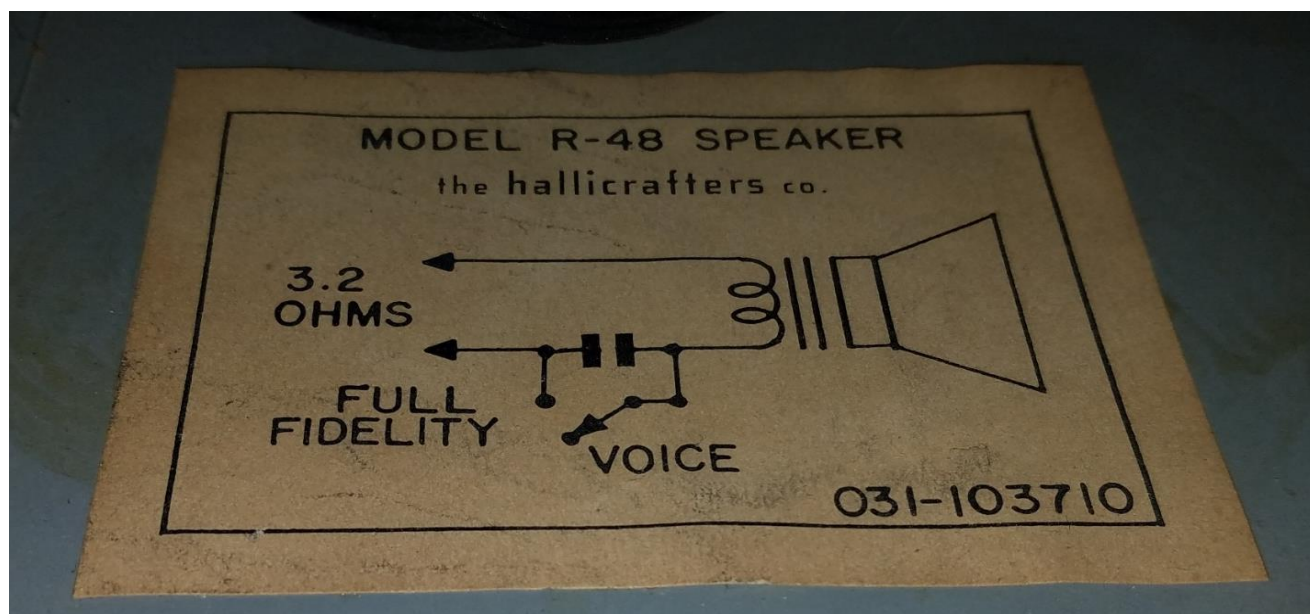


Item 28

Hallicrafters R-48 Speaker

13-1/4" W x 6-1/2" H x 8-1/4" D

Asking Price: \$35



Item 29

Drake Speaker

Asking Price: \$25



Item 30

Heathkit 99-2569 Speaker

3-1/2" W x 7" H x 5" D

Asking Price: \$10



Item 31

Vintage Headphones

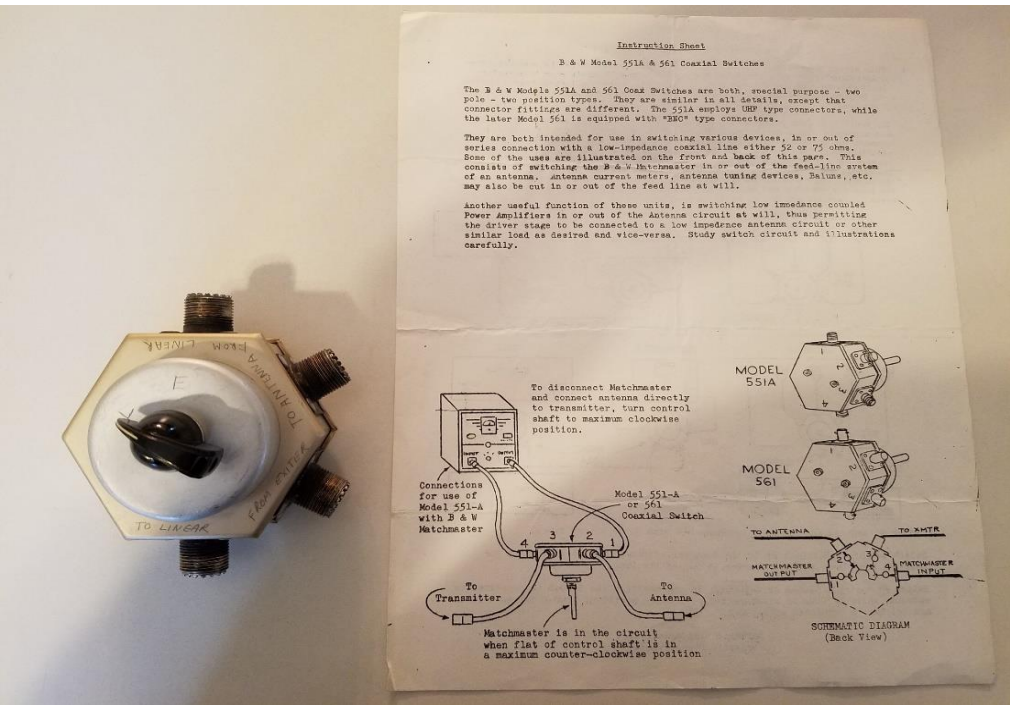


Asking Price: \$5 ea.



Item 32

Coaxial Switch



Asking Price: \$15

Item 33

5 Position Coaxial Switch



Asking Price: \$25

Item 34

3 Position Coaxial Switch

Asking Price: \$10



Item 35

VSWR Meter

Asking Price: \$10



Item 36

Dow Key Co. - TR Switch

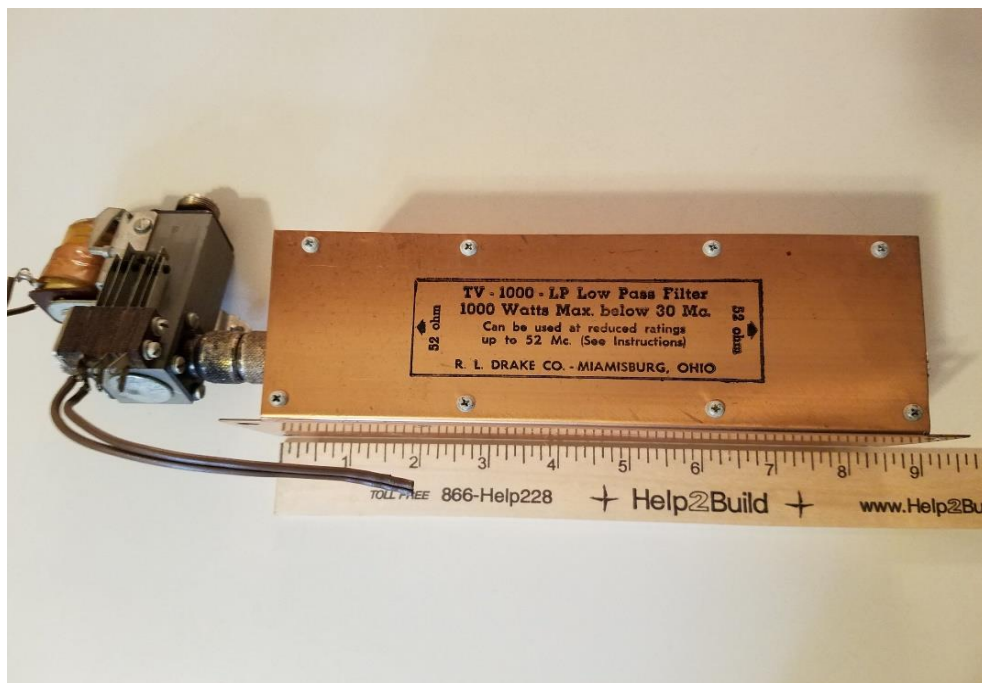
Asking Price: \$10



Item 37

Drake Low Pass Filter

Asking Price: \$15



Item 38

CDR Antenna Rotor Controller

Asking Price: \$20



Item 39

Broad Band Balun - Model# 5075A - 1:1

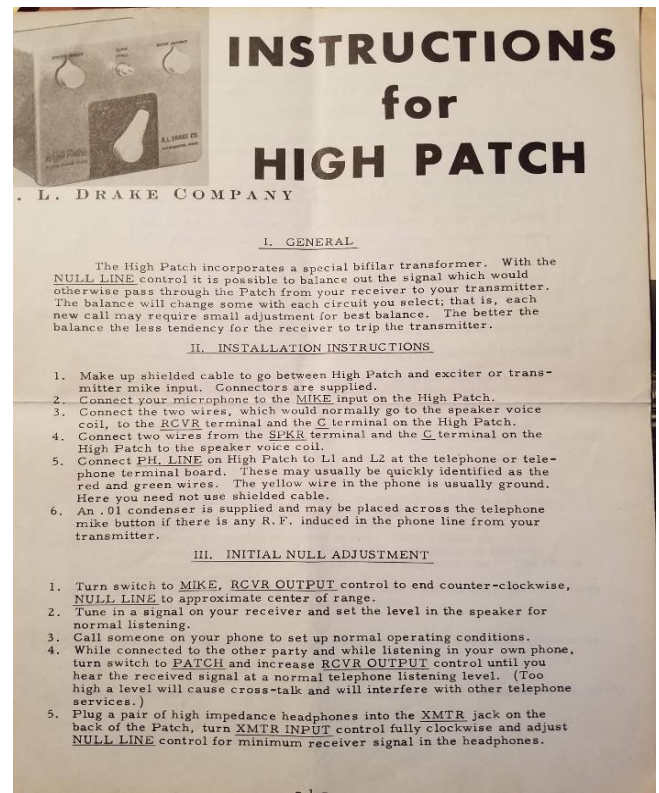
Asking Price: \$10



Item 40

Drake High Patch Phone Patch

Asking Price: \$10



Item 41

Various Gauges

Asking Price: \$5 / ea.



Left Top - Instant Power
0 to 150 VAC

Left Middle - G.E. Ammeter
0 to 500 mA D.C.

Right Top - Simpson Voltmeter
0 to 300 VDC

Left Bottom - Ammeter
0 to 5 mA

Middle Bottom - G.E. Ammeter
0 to 8 A

Right Bottom - Voltmeter
0 to 300 vdc

Item 42

Various Gauges

Asking Price: \$5 / ea.



Left Top - Antenna Current Indicator
0 to 10 A

Right Top - Milliammeter
0 to 5 mA D.C.

Left Bottom - Milliammeter
0 to 40 mA D.C.

Right Bottom - Milliammeter
0 to 5 mA D.C.

Item 43

Various Ceramic Insulators

Asking Price: 2 / \$1



Item 44

Di - Pole Antenna Insulators (25 pcs.)

Asking Price: \$10



Item 45

Simpson Micro-Ammeter

Asking Price: \$5



Item 46

Misc. Components in Cigar Boxes



Fixed Resistors \$5 / Full Box



Wire Resistors \$5 / Full Box



Variable Resistors \$7 / Full Box



Condensors \$5 / Full Box



Connectors \$5 / Full Box



Sockets \$.50 / ea.



Switches \$.50 ea.



Knobs \$.50 ea.



Relays \$1 / ea.

Item 47

Capacitors

4 pcs. - BR 8045

2 pcs. - C0885

Asking Price: \$.50 / ea.



Item 48

Misc. Vacuum Tubes - (See List Below)

Asking Price: \$2 / ea.



Various Vacuum Tubes - (See List Below)

Asking Price: \$2 / ea.



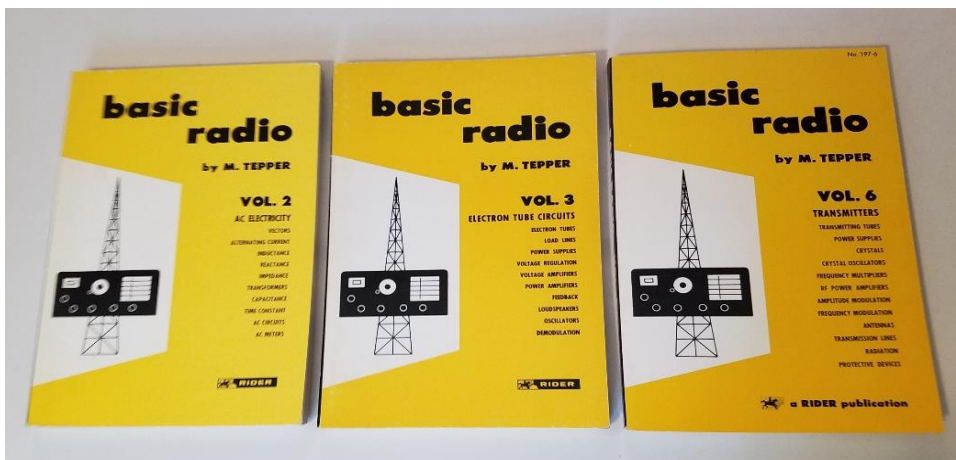
Qty.	Brand	Markings on Base	Glass or Metal	Size	Pins	Markings on Tube
1	RCA	3-48 (B?)	X	Med.	6	884
1	RCA	CRC-884	X	Med.	6	884
1	RCA	SC / 278 / A	X	Med.	6	884
1	RCA	6SN7	X	Med.	8	
1	RCA	6K6 GT	X	Med.	6	6K6 GT
1	Westinghouse	7R43	X	Med.	5	5Y3 GT
1	RCA	326	X	Med.	5	5Y3 GT
2	TUNG-SOL	3226504-3	X	Med.	12	6GE5
1	Super Silvertone	6C	X	Lrg.	6	43
1	Super Silvertone	7 I X	X	Lrg.	6	
1	Super Silvertone	05X	X	Med.	4	1V
2	RCA	6L6	X	Med.	7	
1	RCA	CRC-807 VT-100-A	X	X-Lrg.	5	
1	Sylvania		X	X-Lrg.	5	5U4 G H3W
1	RCA	CRC-5R4-GY	X	X-Lrg.	5	
1	Zenith	O-22 188-5	X	X-Lrg.	6	6BG6 G
1	Zenith	O-17 188-5	X	Med.	8	6AG7
1	Zenith	O-22 188-5	X	Med.	6	1B3GT
1	Dumont	6Q5G	X	Med.	8	6Q5G
1	?	61 6	X	X-Lrg.	4	866A
1	GE	57-26 188-5	X	Med.	8	6SN7
2	RCA	CRC-6SJ7	X	Med.	8	
1	RCA	6AC7	X	Med.	8	
1	GE	56-22 188-5	X	Med.	6	6C5
1	GE	GL-2E26	X	Med.	8	2E26

Qty.	Brand	Markings on Base	Glass or Metal	Size	Pins	Markings on Tube
1	RCA	CRC-6V6-GT	X	Med.	7	
1	Zenith	12SQ7-GT	X	Med.	8	12SQ7-GT
1	Hytron	12SK7	X	Med.	8	
1	Taylor Tube	866 JR	X	X-Lrg.	4	
1	Sylvania	6V6	X	Med.	7	
1	GE	6V6	X	Med.	7	
1	GE	6SJ7	X	Med.	8	
1	KEN-RAD	6AG7	X	Med.	8	
1	Sylvania	6SB7Y	X	Med.	8	
1	Sylvania	6BL7	X	Med.	8	(Weak?)
2	RCA	6V6	X	Med.	6	
1	RCA	6V6	X	Med.	7	
1	Philco	6V6	X	Med.	7	
2	TUNG-SOL	322223 & 322232	X	Med.	7	5881
1	RCA	CRC-6SN7-GT VT-231	X	Med.	8	
1	RCA	6AS7G	X	X-Lrg.	8	6AS7 G
1	Daystrom	OB2	X	Sm.	7	
1	?	5763	X	Sm.	9	
1	RCA	12AX7	X	Sm.	9	
1	Sylvania	DD	X	Sm.	9	
1	GE	RZ 188-5	X	Sm.	7	
1	TUNG-SOL	3GK5	X	Sm.	7	
2	RCA	6AL5	X	Sm.	7	
1	RCA	5879	X	Sm.	9	
1	RCA	6AQ5A	X	Sm.	7	Weak but Usable
1	KEN-RAD	O-17 188-5	X	Sm.	7	

Qty.	Brand	Markings on Base	Glass or Metal	Size	Pins	Markings on Tube
1	GE	6CB6	X	Sm.	7	
1	Westinghouse	6CB6	X	Sm.	7	
2	RCA	6U8A	X	Sm.	9	
2	RCA	12AT7WA	X	Sm.	9	6201
1	RCA	12AT7	X	Sm.	9	
2	RCA Command	5814A	X	Sm.	9	
1	TUNG-SOL	3226305-3	X	Sm.	9	5687
1	PQ Amperex	320	X	Sm.	9	6922
1	TUNG-SOL	6CX8	X	Sm.	9	
1	Sylvania	6BN6	X	Sm.	7	
1	TUNG-SOL	12AT7	X	Sm.	9	
1	Zenith	12AU7	X	Sm.	9	
1	Zenith	6AU6	X	Sm.	7	
1	RCA	6G4	X	Sm.	7	
2	CBS	6AK5	X	Sm.	7	
1	Sylvania	6AQ5	X	Sm.	7	

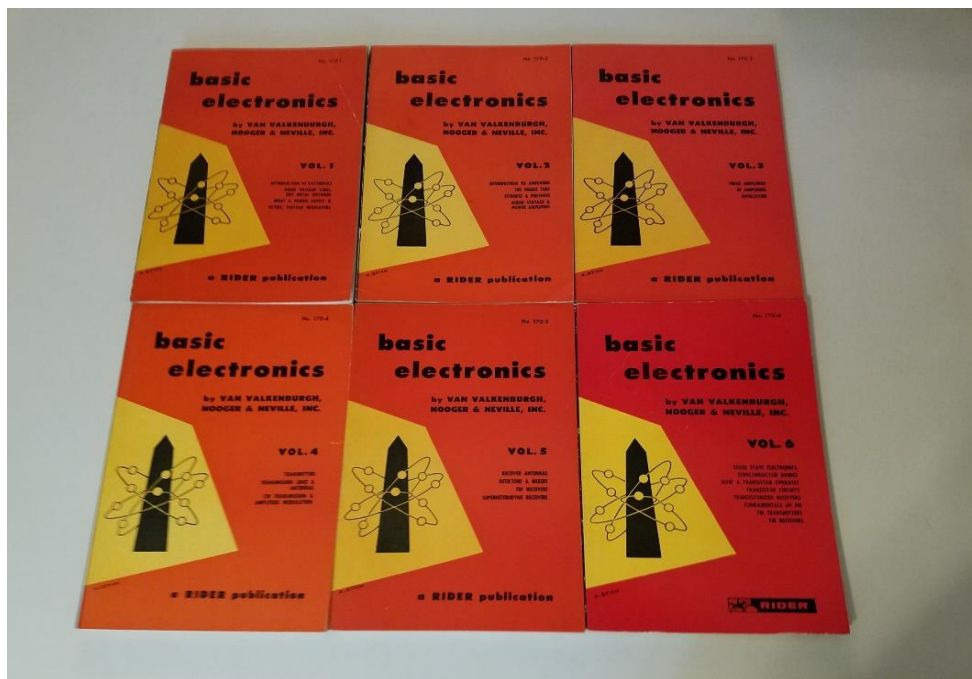
Item 49

Various Vintage Ham Literature



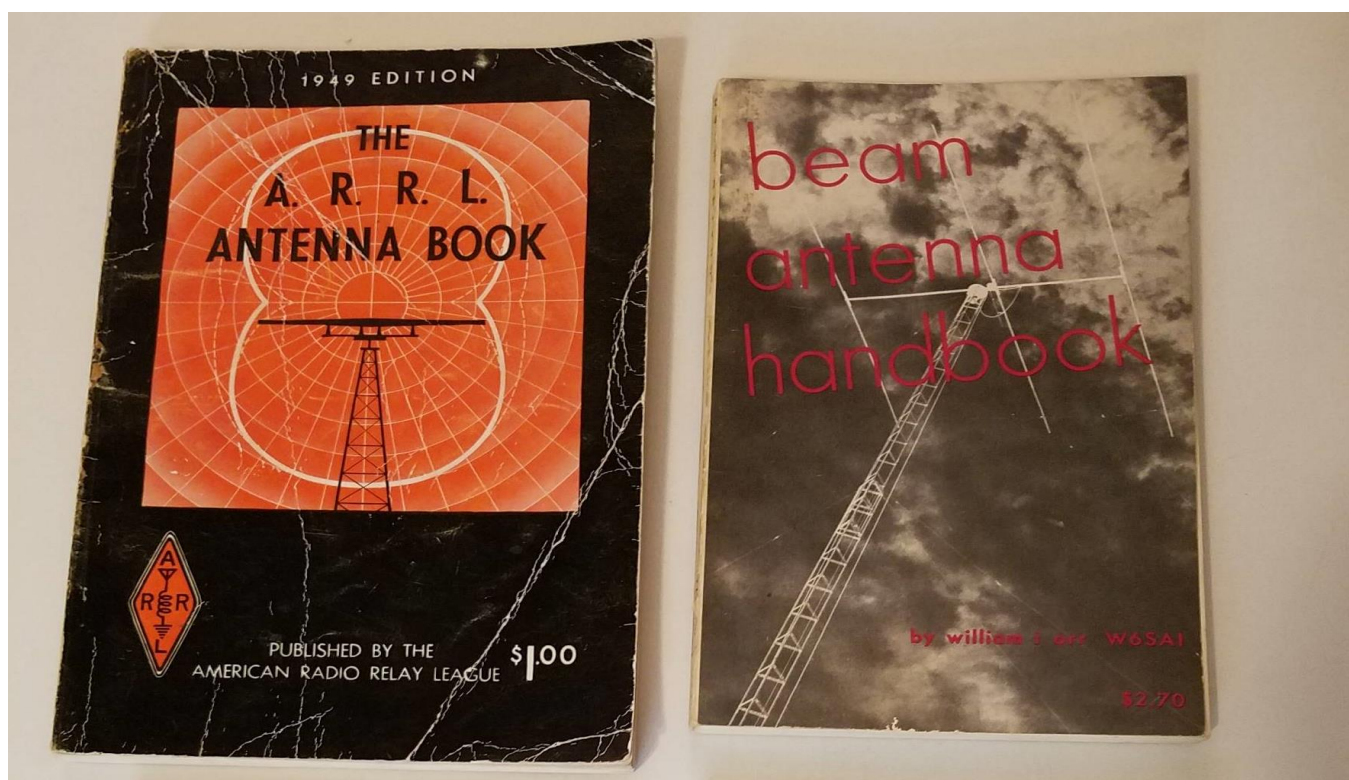
Asking Price: \$2 / ea.

Circa 1961



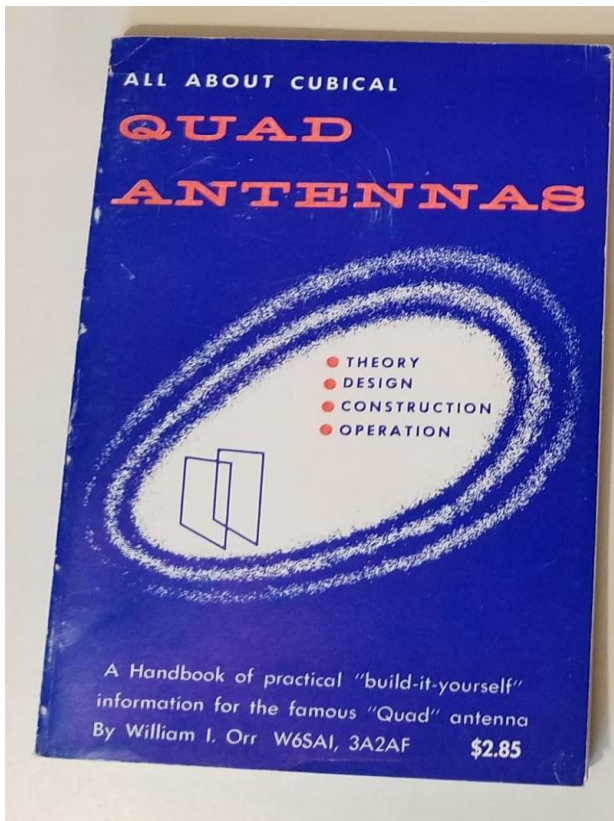
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Circa 1955

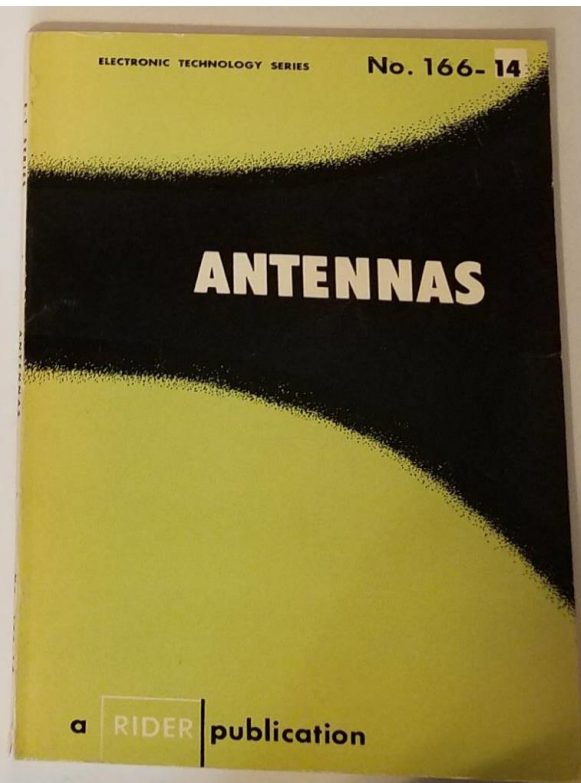


Circa 1949 \$2

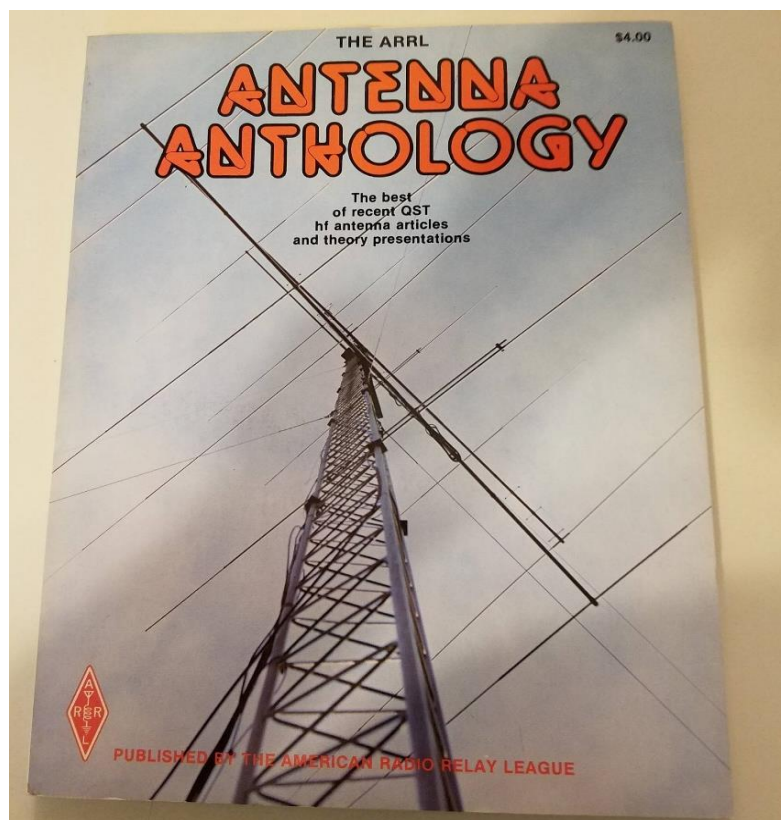
Circa 1955 \$2



Circa 1959 \$2



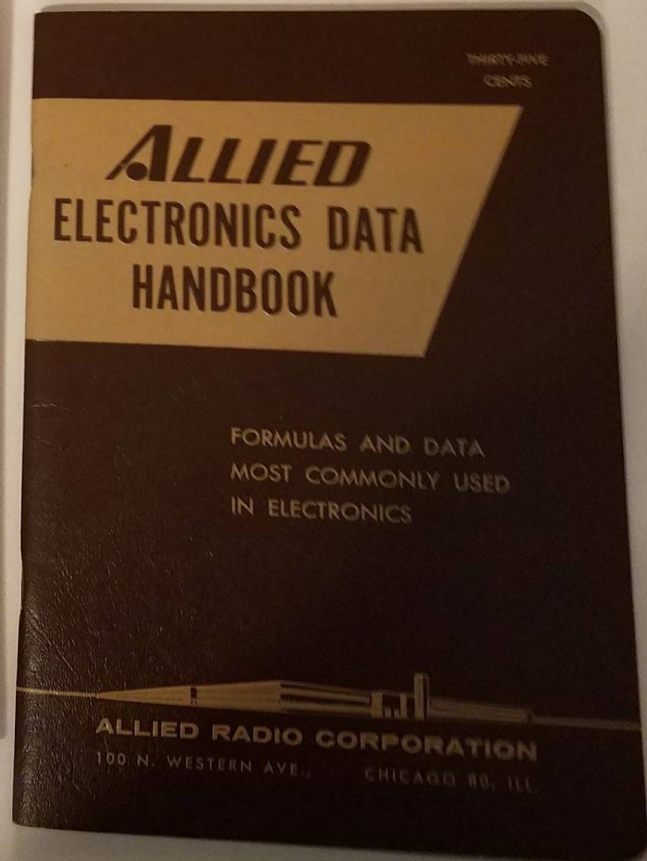
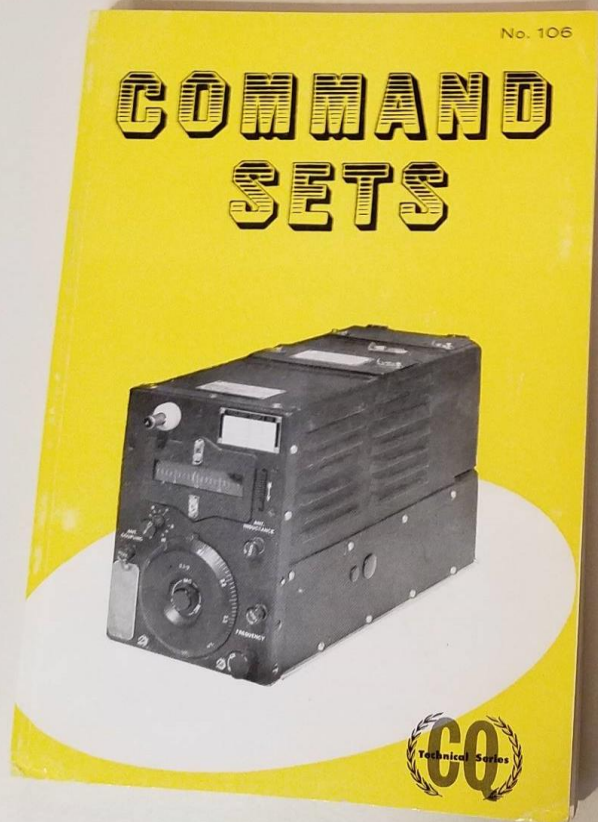
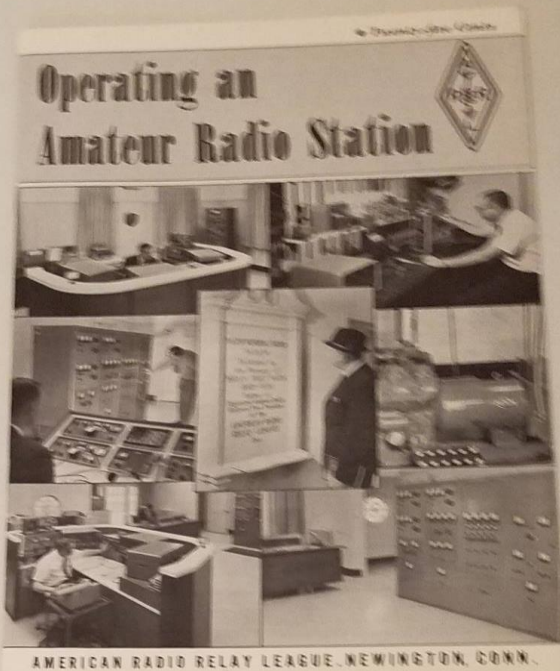
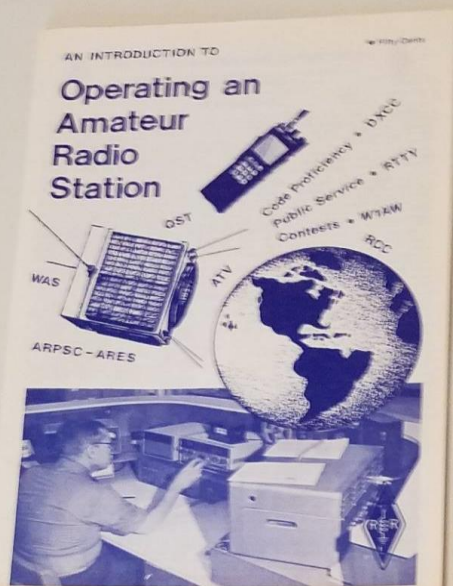
Circa 1957 \$2



Circa 1978 \$2

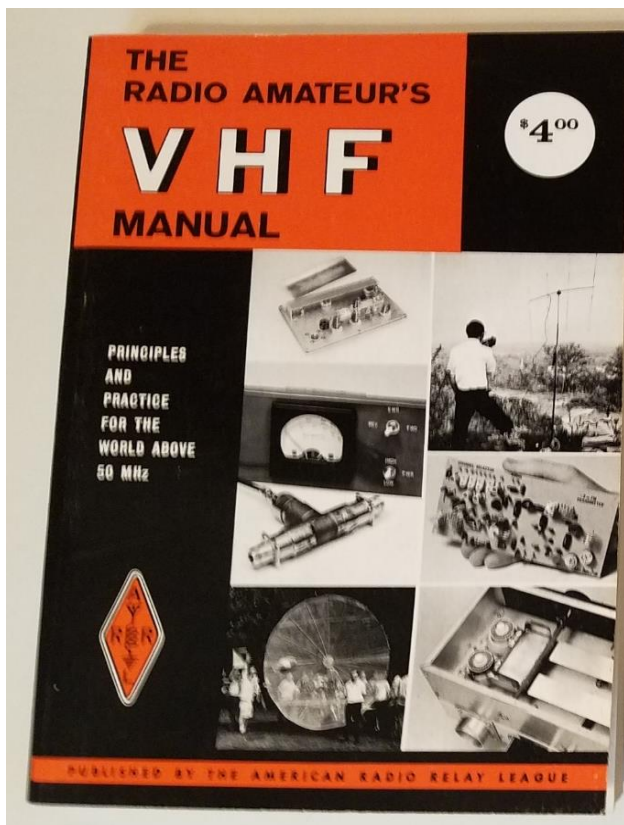
Circa 1978 \$2

Circa 1969 \$2

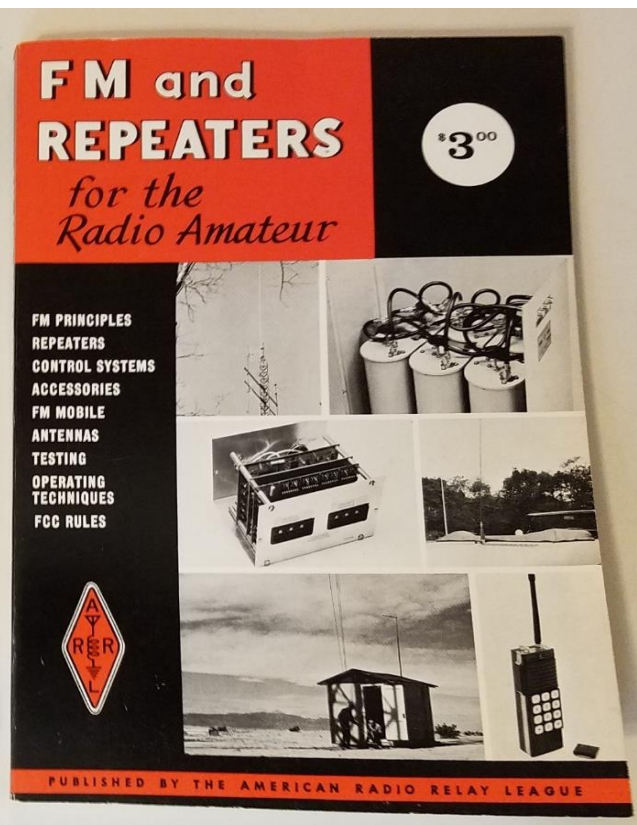


Circa 1957 \$2

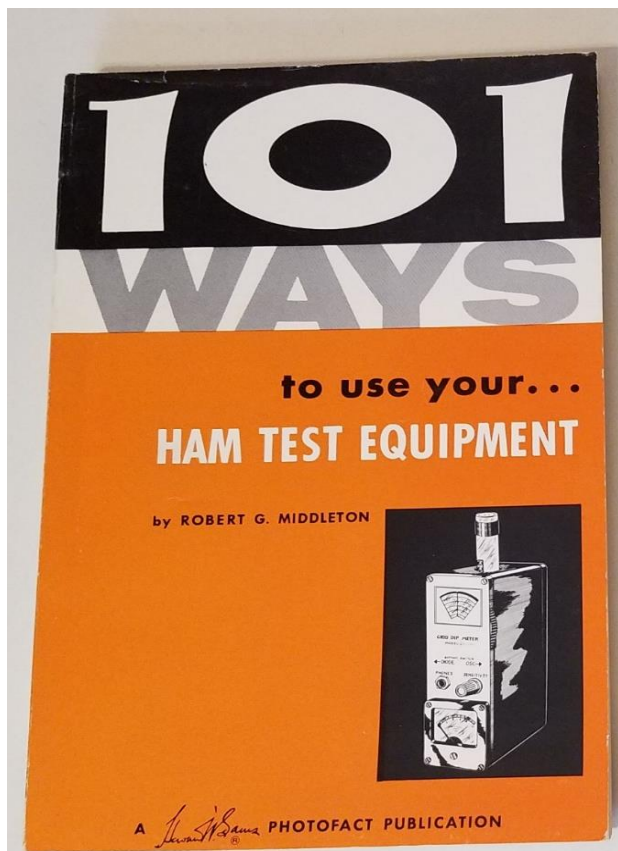
Circa 1960 \$2



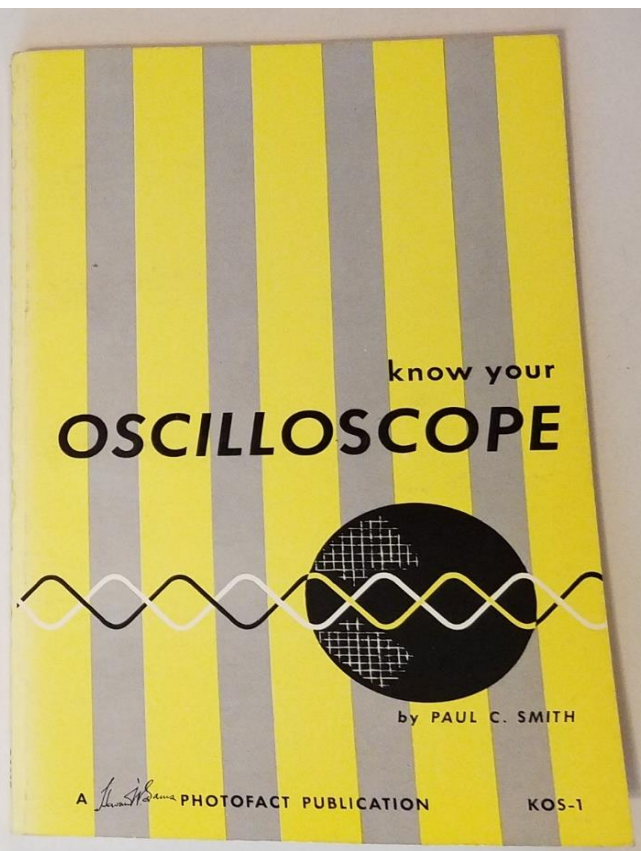
Circa 1972 \$2



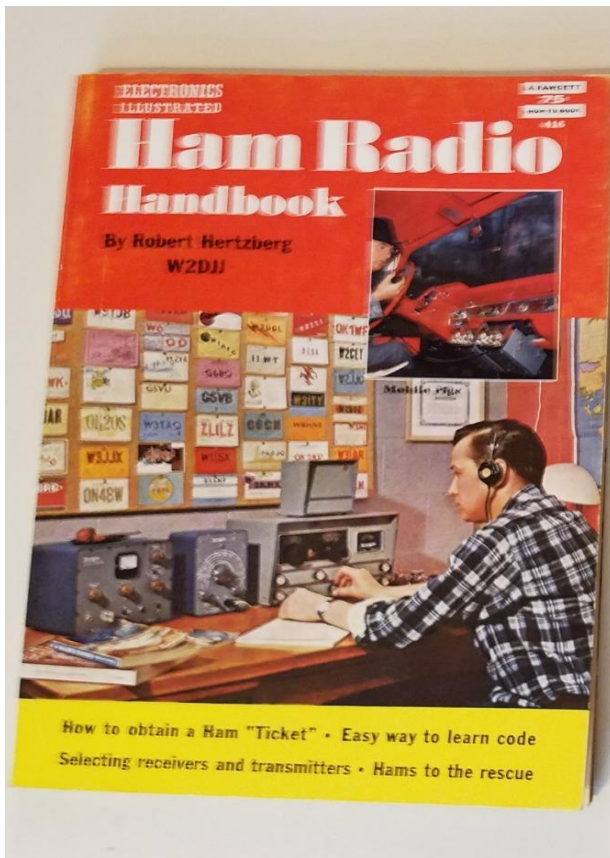
Circa 1972 \$2



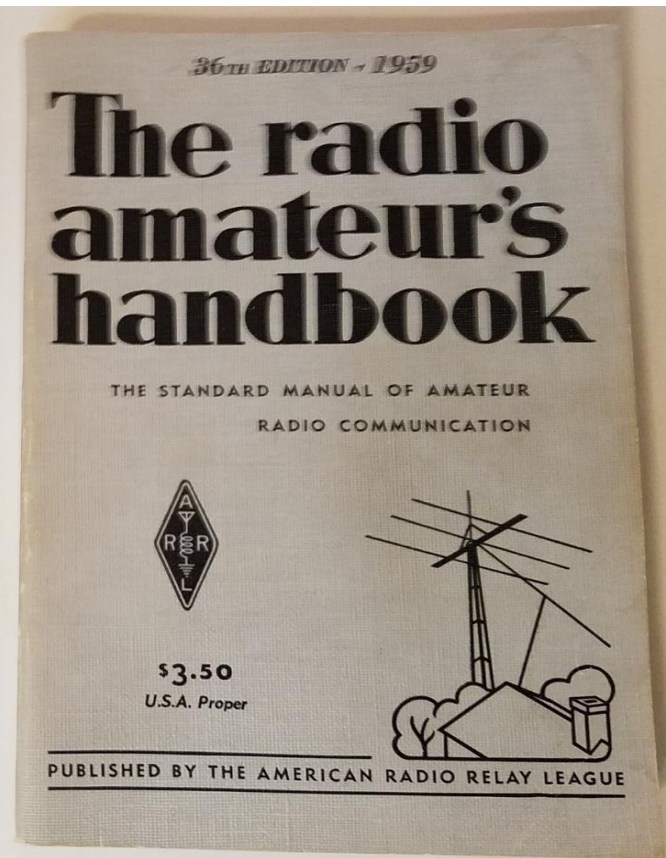
Circa 1960 \$2



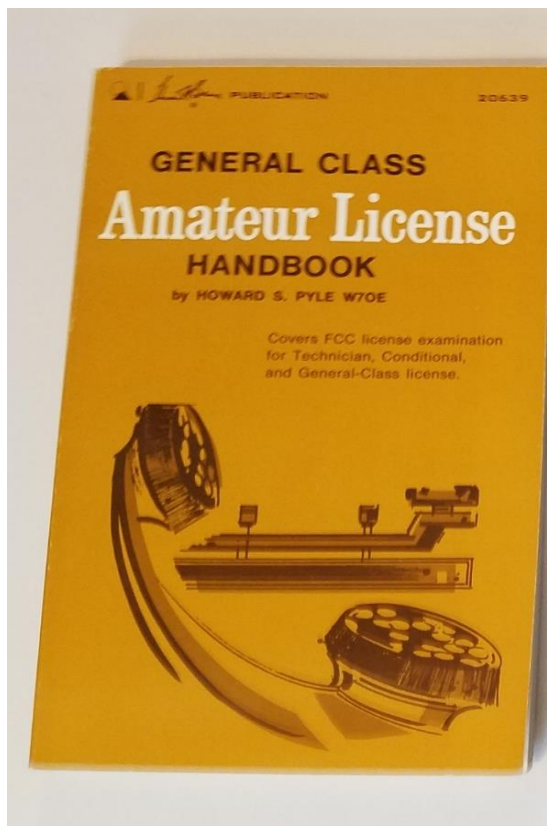
Circa 1958 \$2



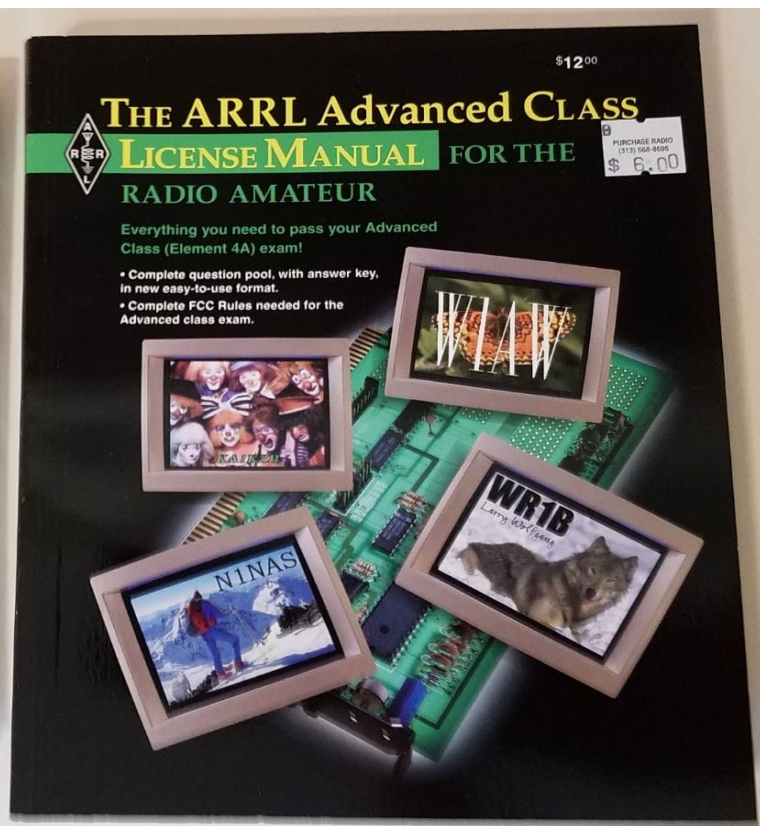
Circa 1959 \$2



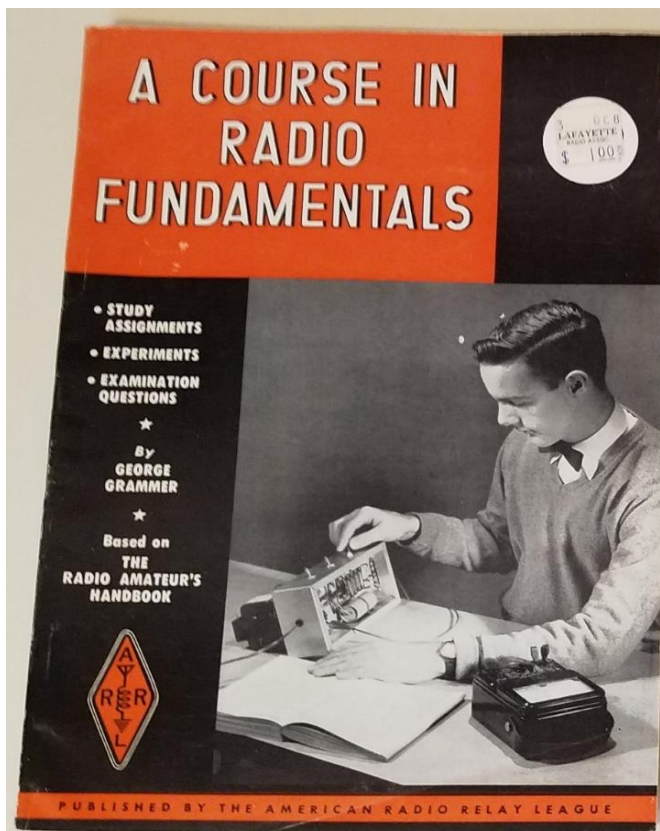
Circa 1959 \$2



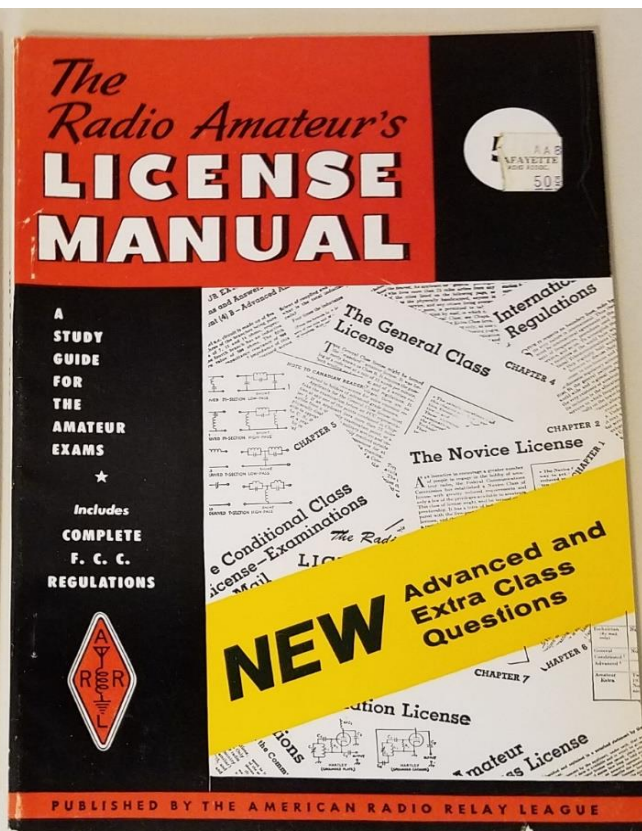
Circa 1968 \$2



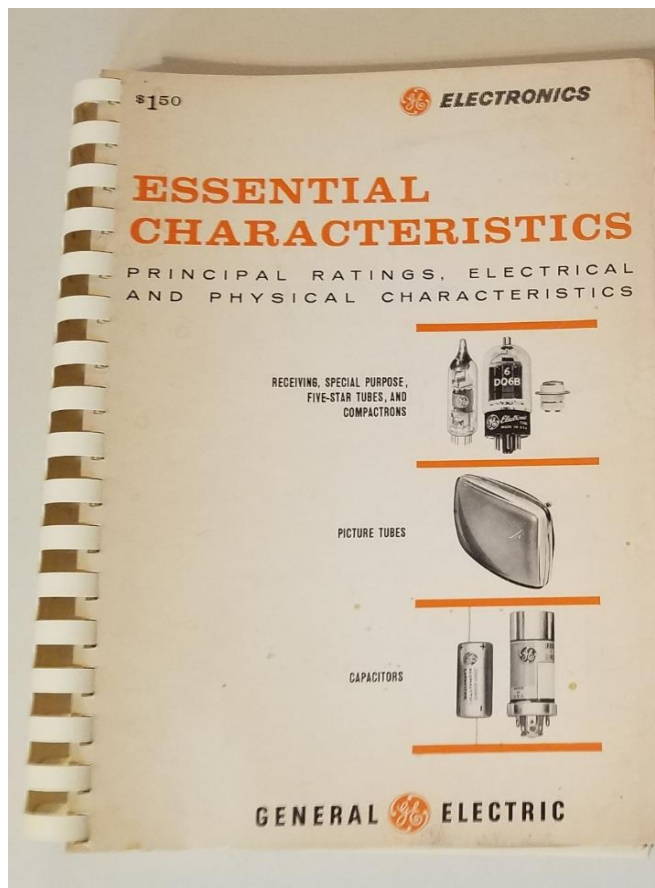
Circa 1995 / 1999 \$2



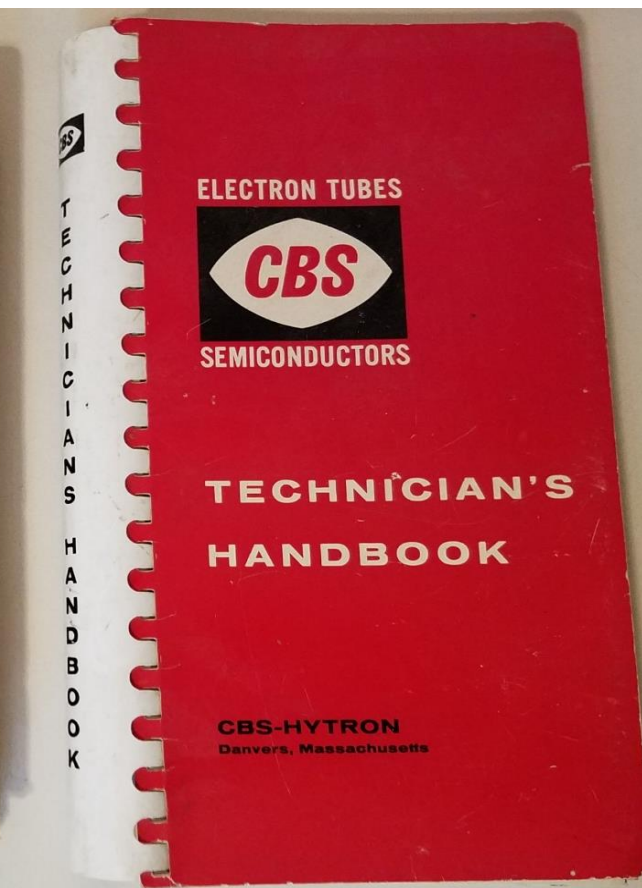
Circa 1960 \$2



Circa 1968 \$2



Circa 1963 \$2

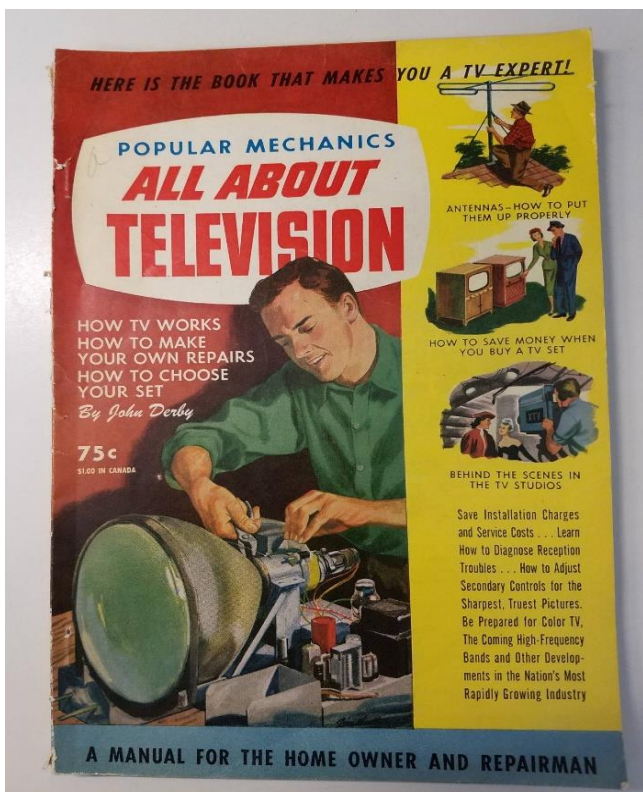


Circa 1957 \$2



Circa 1948 \$2

Circa 1948 \$2



Circa 1952 \$2

Item 50

Misc. Parts



Asking Price: \$1 / ea.

Item 51

Misc. Wire



Asking Price: \$5 / Full Box

Item 52

Misc. Cable

Asking Price: \$2 / Spool



Item 53

James Millen Mfg. Co. - Type 90652 Solid-State Dipper

Asking Price: \$25

