

Auction and Flea Market



Early Television Convention



Early Television Conv





Early Television Conve



















Early Television Convention





Early Televisio





Early Television Convention







































Auction Setup



































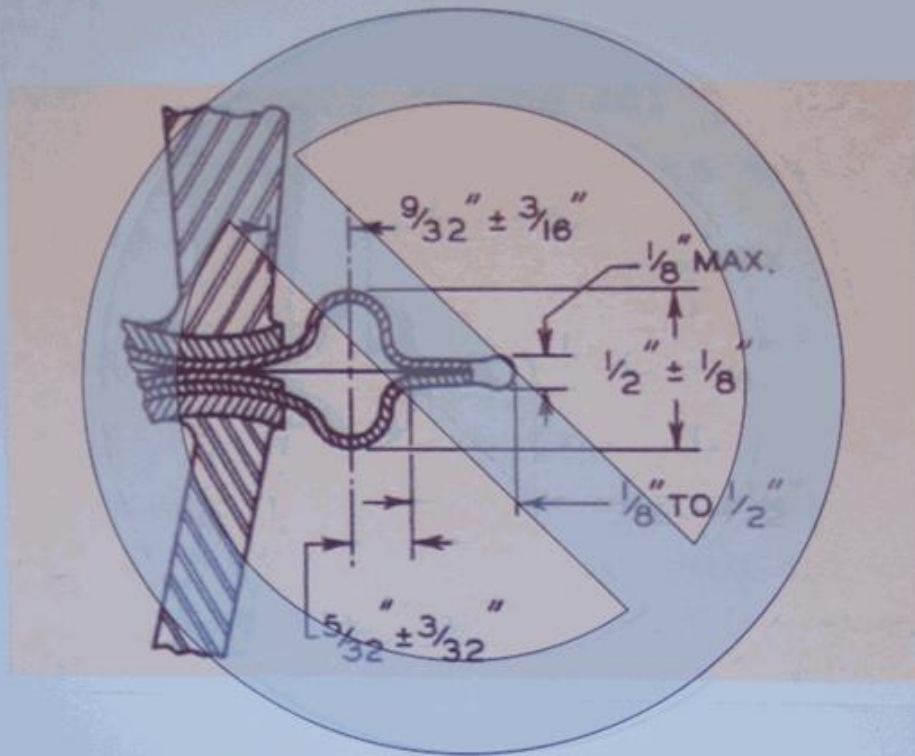
In Oven Ready to Fire



- Guides to prevent slipping as frit melts
- Tied Top and Bottom
- Bent to avoid frit

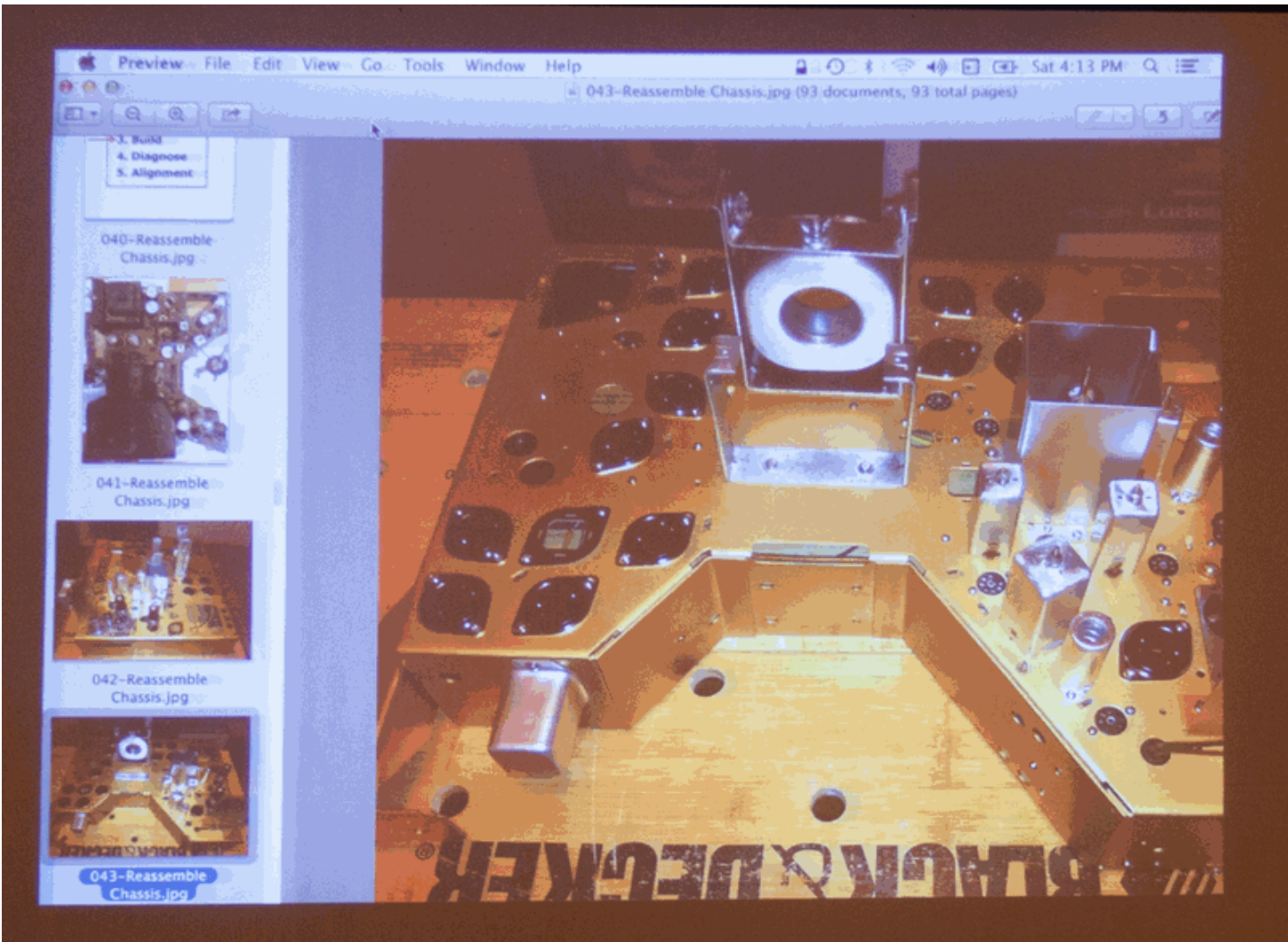


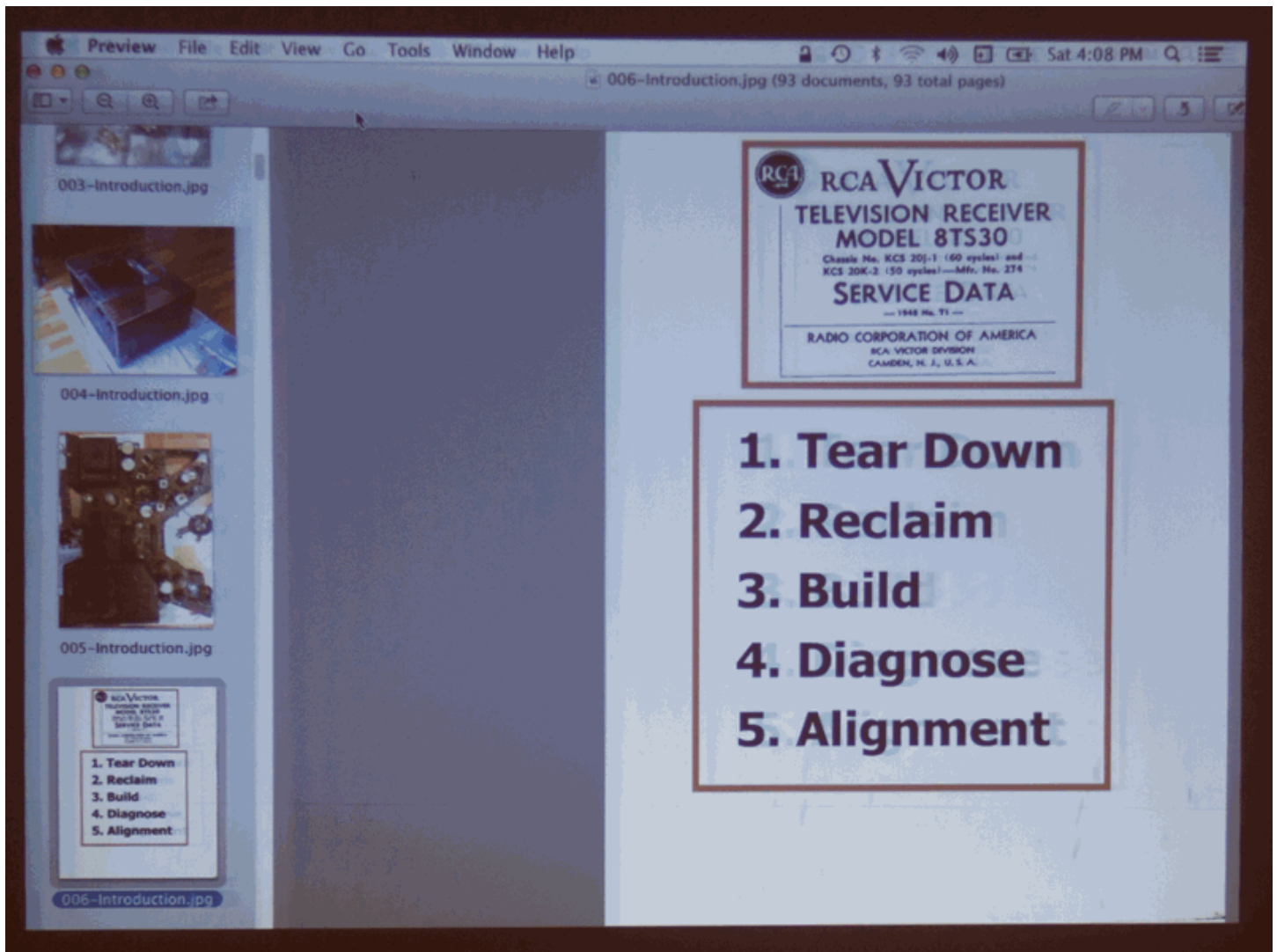
All Glass 15GP22 Project



2014 Early Television Convention







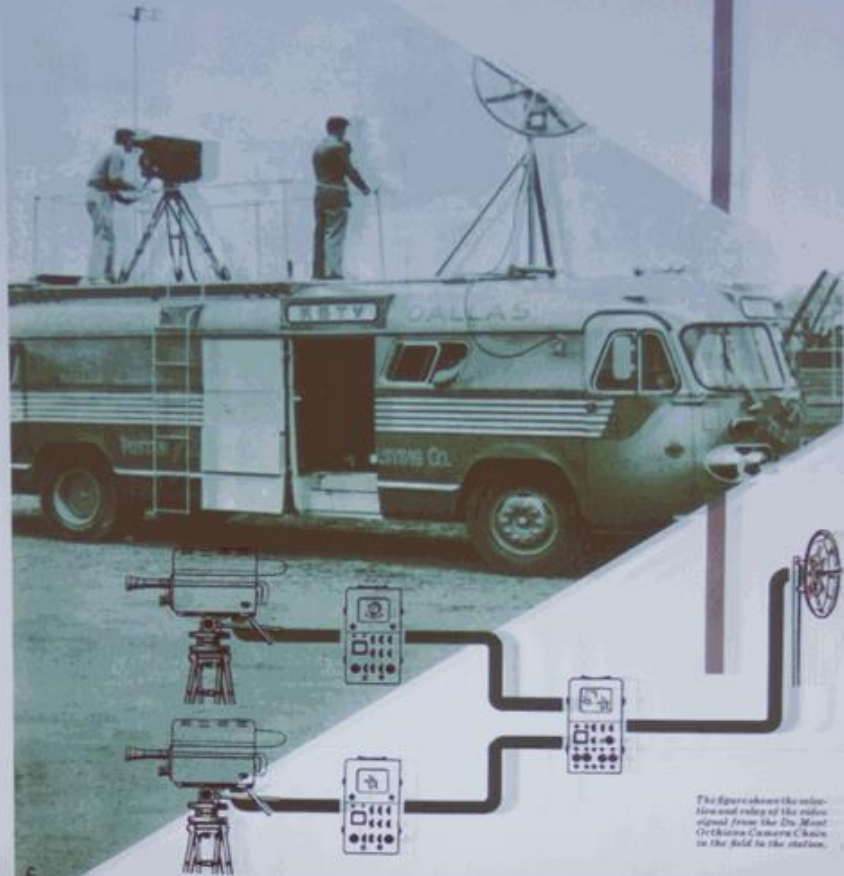








in the field



The figure shows the selection and relay of the video signal from the DuMont Orthicon Camera Chain in the field to the station.

The DuMont Telecruiser

Adventures in bus restoration.



KTTV CHANNEL 11 - Los Angeles, CA:

The Los Angeles Times / Mirror Years: 1946 - 1963

Jim Diaz

Early Television Foundation Conference - May 17, 2014

- **The Ownership / Getting on the Air**
- **Differentiation & Competing in a Seven Television Station Market**
- **Major Milestones**
- **A Commitment to Remote Television Broadcasting**
- **The Changing Television Broadcasting Environment**









Manufacturing Facilities for the RCA Color Television Receiver [the CT-100]

T. (Thomas) S. Weeks
Plant Manager, Bloomington, Indiana
Consumer Products Manufacturing
March 26, 1954

Summarized by Ed Reitan
May 17, 2014



Station and Network Facilities for Color Television

T. A. Smith
Vice President in Charge
RCA Engineering Products Division
March 26, 1954

Summarized by Ed Reitan
May 17, 2014



RCA Industry Service Laboratories

- Facilities: Complete equipment for:
 - Generation of Color Signals
 - The test and analysis of the operation of color receivers
- Locations:
 - New York: 711 Fifth Ave
 - Chicago: 589 E. Illinois St.
 - Los Angeles: 1560 Vine St., Hollywood

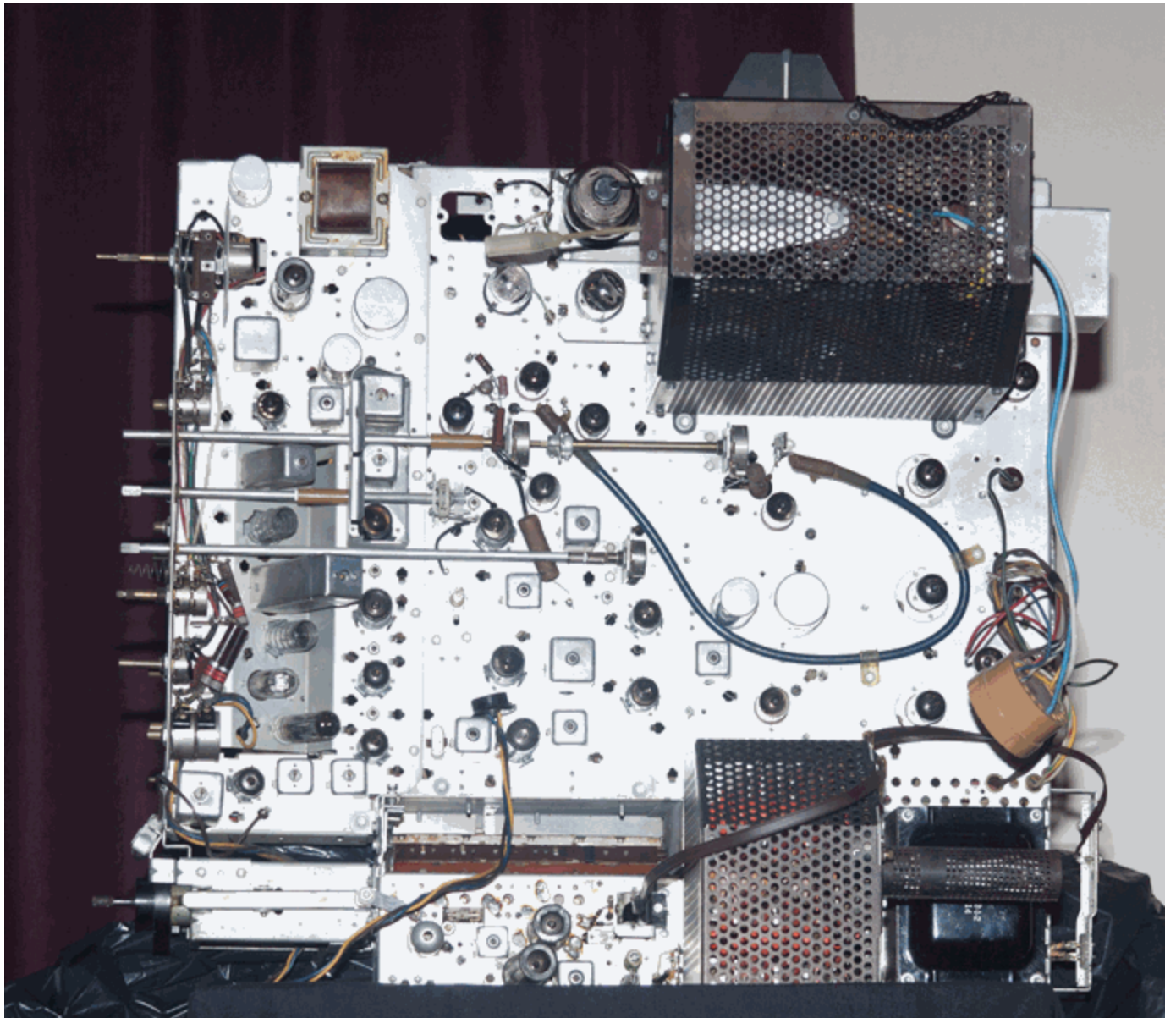




RCA Industry Service Laboratory Plans for Rendering Technical Assistance to RCA Licensees

Stuart A. Seeley
Director
RCA Industry Service Laboratory
March 26, 1954

Summarized by Ed Reitan
May 17, 2014









Receiving tubes developed specifically for color television by the RCA Tube Division.



Six New Vacuum Tubes



- **3A3**
- **6AN8**
- **6AU4**
- **6BD4**
- **6BY6**
- **6CD6**
- **RCA required six new receiver-type vacuum tubes to perfect the CT-100.**
- **Three octal and three miniature.**





Receiver Color Advances

Model 4 - Model 5 - CT-100

Background on U.S. Manufacturing of RCA Color TV



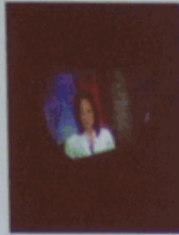
- **Bloomington, IN** was the key RCA color TV assembly plant from 1954 to 1999
- Tube plants in **Lancaster & Scranton, PA**; former Farnsworth plant in **Marion, IN**; glass factory near Columbus in **Circleville, OH**



Dave Arland: Caretaker of the "Doc Terrell"



- "Beer money" find
- Chassis B003757, manufactured in first week of May 1954
- Thanks to:



Steve Kissinger,
Dave Abramson,
Pete Deksnis,
John Folsom,
Nick Williams,
Steve McVoy, and
especially
Ed Milbourn – she is
again "among the
living"







Ed Reitan summarizing:

- RCA Industry Service Laboratory Plans for Technical Assistance to RCA Licensees
- Station and Network facilities for Color Television
- Manufacturing Facilities for the CT-100



Dave Arland summarizing:

- A Great New Industry Being Born
- Plans for the Introduction of the CT-100

Peter Deksnis summarizing:

- Tubes, Components, and Test Equipment for Color Sets
- Technical Aspects of the Production CT-100
- Test Equipment for Servicing Color Television Receivers



Celebrating the 60th Anniversary of the RCA Victor CT-100

summaries of the

Color Television Receiver Manufacturing Clinic

RCA Television Receiver Factory
Bloomington, Indiana

March 26, 1954

Celebrating the 60th Anniversary
of the RCA Victor CT-100

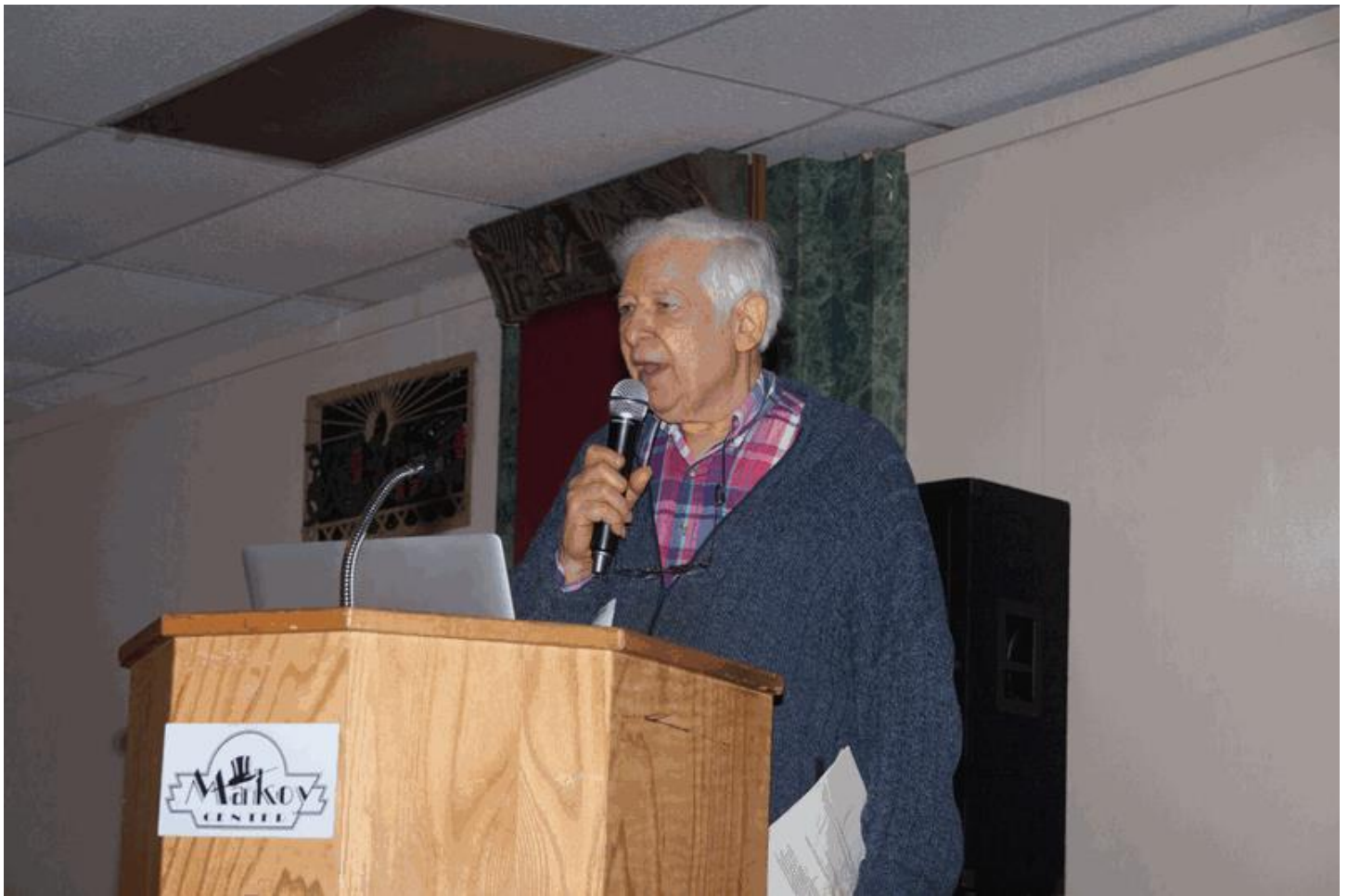




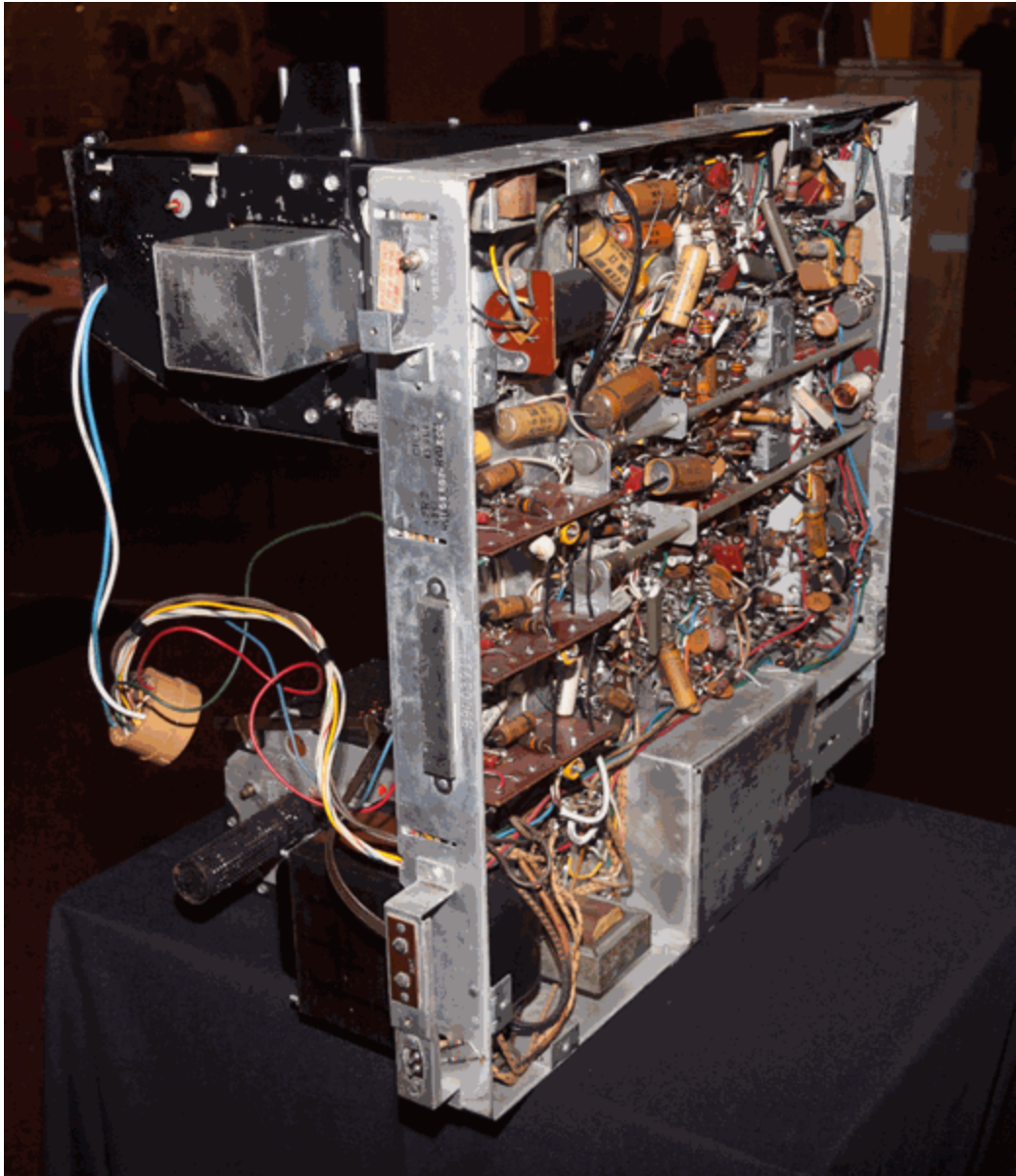


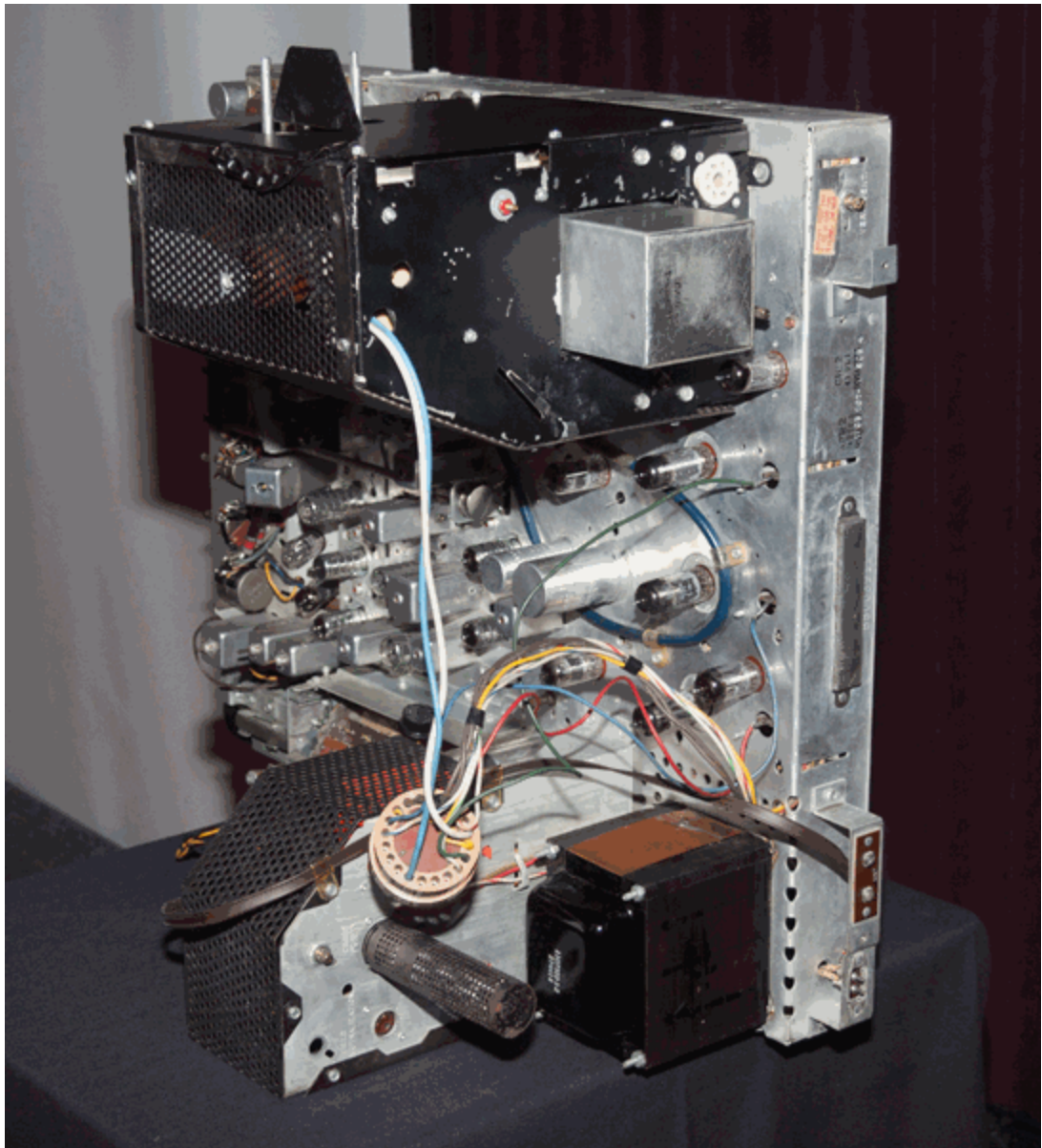
2014
Convention

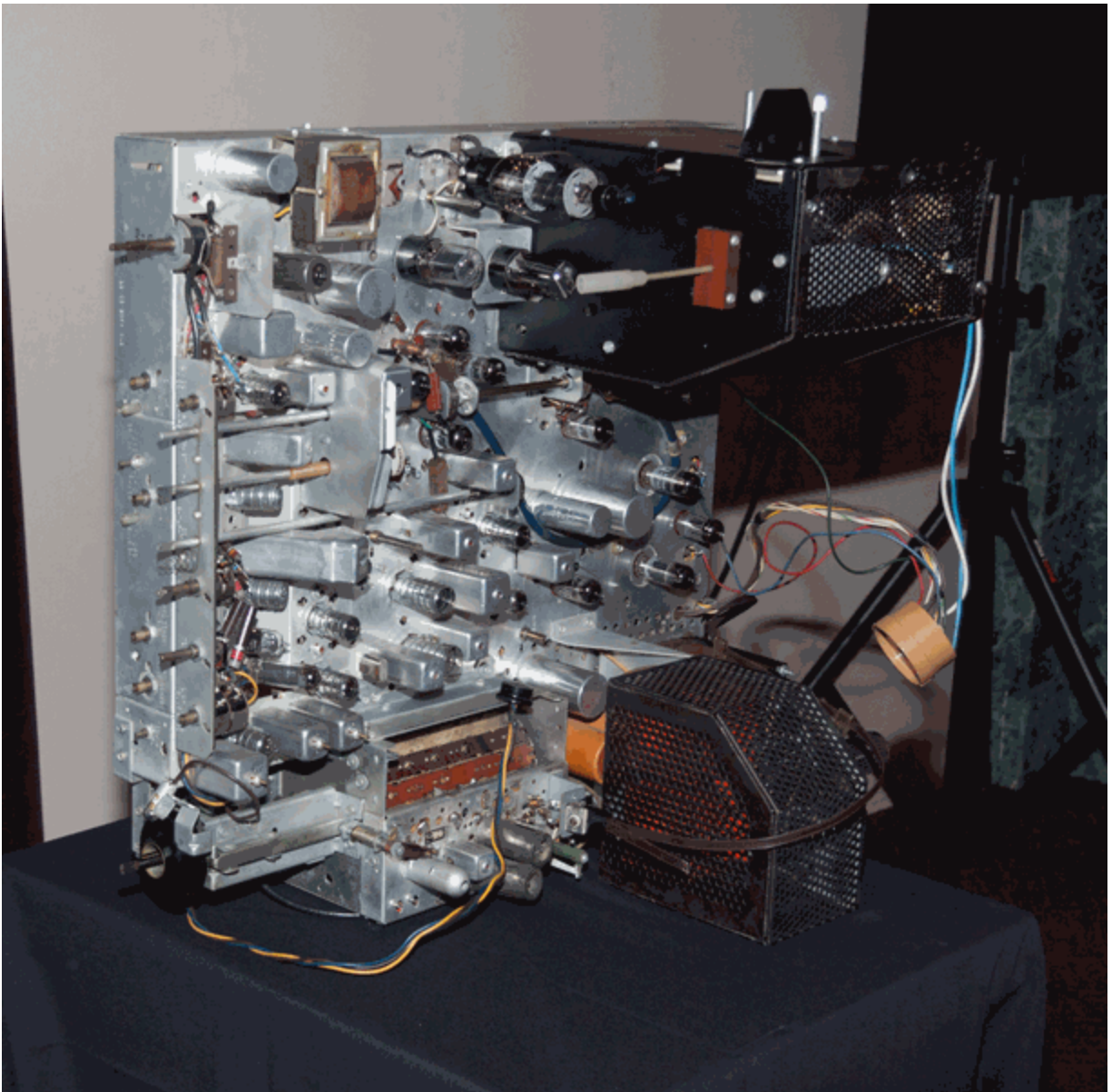












Success?

- Maybe
- Could fail during processing
- Alignment could be wrong
- Could have HV problems
- But I'm encouraged

Leak Tight! 1×10^{-9} mbar•l•sec⁻¹



Gizmos





Simpson 406 Chromatic Amplifier

Used to amplify video and
chroma signals for low
sensitivity oscilloscopes.

(Donated by Bill Walter,
restored by Joe Sousa)



Capehart CXG-12

Made in 1954, this is the only surviving example of this early 19 inch color set. It uses the CBS 18VP22 tube. It was restored by Steve Kinsinger.

Screen Size	19 inch
Year Made	1954
Model	18VP22
Restored	Steve Kinsinger

1954

This is the only surviving example of this early 19 inch color set. It uses the CBS 18VP22 tube. It was restored by Steve Kinsinger.

Screen Size	19 inch
Year Made	1954
Model	18VP22
Restored	Steve Kinsinger







Screen Size	17 inch
Year Made	1957
Country Made	USA
Original Price	\$14.95
Current Price	\$14.95

JERROL **magic carpet antenna**
The Magic Carpet for Area 20 and 225 Reception
• No Need For Ceiling Antennas in Most Areas
• No Need For Amplifiers - Built-In
• Satisfaction Guaranteed or Your Money Back

magic carpet TV Antenna

In the 50s, many devices were sold to improve TV reception. This one was one of them. It probably

WARRANTY
Full 100% Satisfaction or Your Money Back







RCA Berkshire

The RCA Berkshire series were the top of the line entertainment systems in 1948. The Regency model cost \$3,250 (\$24,792 in today's money), production was only 246 units. The set has a 15"x20" screen, a chrome plated AM-FM 7 band short wave receiver with auto tune, phonograph changer with the latest GE magnetic pickup, chrome plated 40 watt amplifier, and a 15" dual cone/voice coil speaker. A total of 69 tubes, 24 in the receiver, 9 in the power supply/amplifier, and 36 in the TV.

All this in a massive 53"H x 72"W x 24"D, 545 lb. cabinet.

Screen Size	15 x 20 inch
Year Made	1948
Cabinet	Original Finish
Electronic Restoration	Not Restored



Sentinel Remote Control

This wired remote, made in the late 40s or early 50s, controlled the channel, fine tuning, volume and brightness. The channel selector has one common (wiper) and 4 outputs using a clever code. Only 5 wires are needed between the control and the TV set.











Midwest JR-32

This 1949 chassis was in a cabinet with a 12LP4 or 12KP4. The chassis contains TV, AM and FM radio circuitry. There was a separate power supply chassis. An interesting feature of this chassis is that the tuner has a position marked UHF. There are inductors that look like they would tune UHF frequencies. However, UHF channels were not authorized until 1952, though there was an experimental station on the air in Bridgeport, CT at the end of 1949.

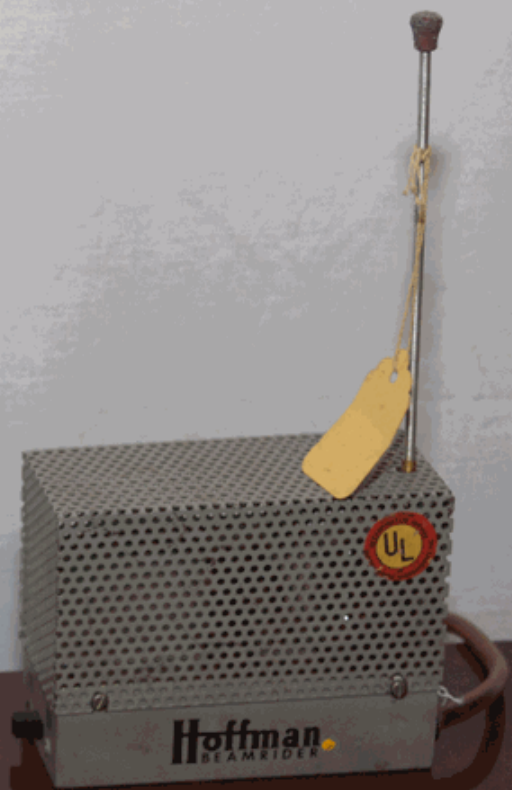
Screen Size	12 inch
Year Made	1949
Electronic Restoration	Not Restored





Hoffman Beamrider

The Beamrider is a wireless remote control used with some 1959 Hoffman sets. This device is the receiver, which plugs into the back of the TV set. The transmitter uses a single miniature tube and operates on 27.1 mHz. A pushbutton applies power to the filament. The receiver operates a relay which changes the channel.



Filmstrip Viewer

This novelty item was probably designed to help sell Philco TV sets. Inside is a film strip with scenes from early television. It has a battery and bulb, with a knob to select which slide to watch.



International Telemeter
Pay TV Converter

This converter box accepted coins. Scrambled video was sent, and when the proper amount of money was inserted, unscrambled picture and sound would appear. This one was used in Toronto in 1960.







"IT" Wired Remote Control

Uses batteries in the remote unit and a small motor in the unit that goes on the front of the tuner. There is no provision for on-off or volume. Made in the 50s.

(donated by John Yurkon)



Surprise!...

THIS IS A
TV ANTENNA



Yes, this is a TV antenna that works across town and this is better, it takes where you live. It's not like the old antenna that you had to point it at the station. It's not like the old antenna that you had to point it at the station. It's not like the old antenna that you had to point it at the station.

The TV Receptor completely eliminates the need for a TV antenna. It's not like the old antenna that you had to point it at the station. It's not like the old antenna that you had to point it at the station. It's not like the old antenna that you had to point it at the station.

Look at the TV Receptor. It's not like the old antenna that you had to point it at the station. It's not like the old antenna that you had to point it at the station. It's not like the old antenna that you had to point it at the station.

JERROLD TV RECEPTOR

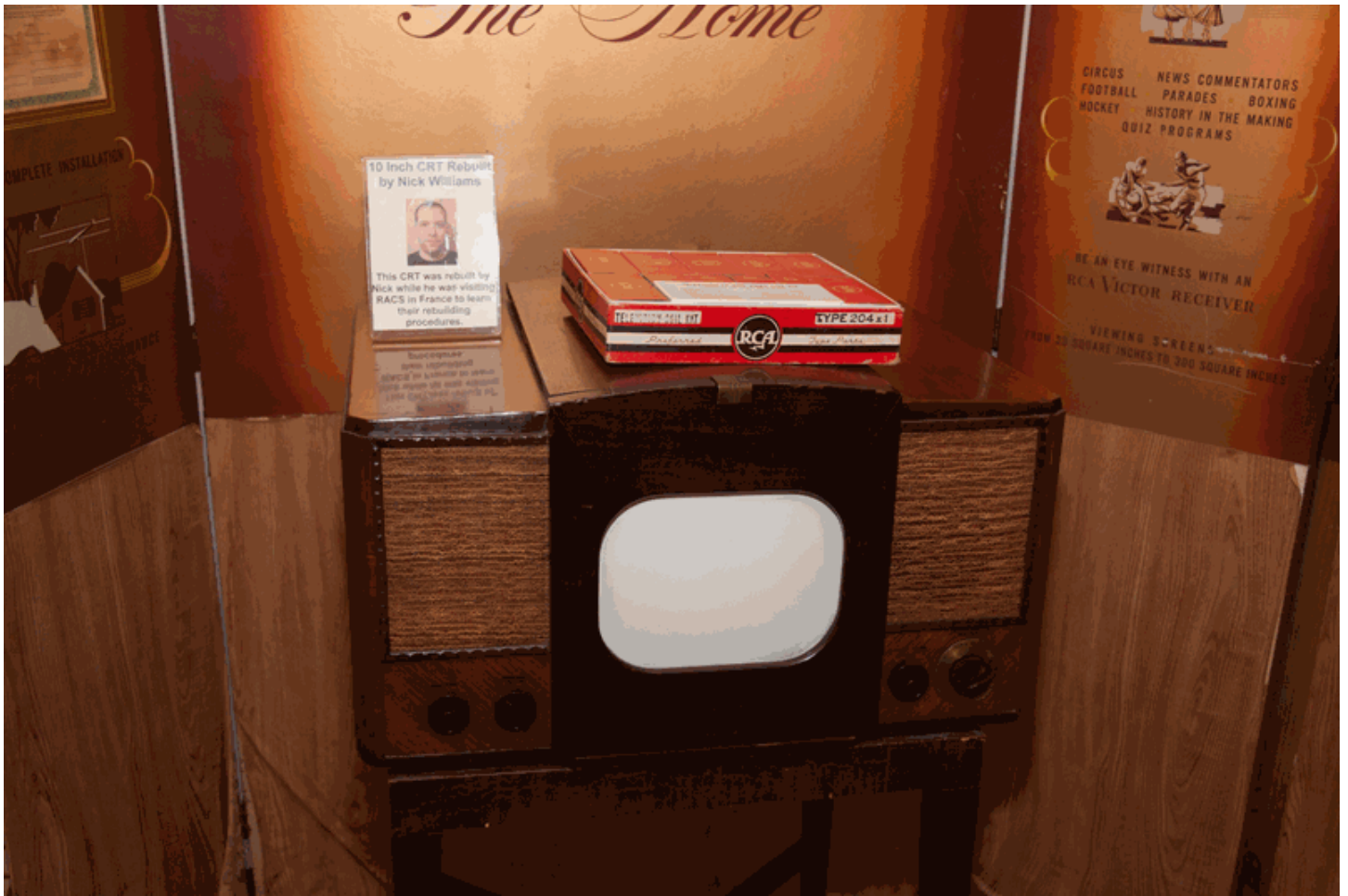
For more information, contact Jerrold Electronics Corporation, 10000 Jerrold Avenue, Dallas, Texas 75243.











The Dome

10 Inch CRT Rebuilt
by Nick Williams

This CRT was rebuilt by Nick while he was visiting RACS in France to learn their rebuilding procedures.

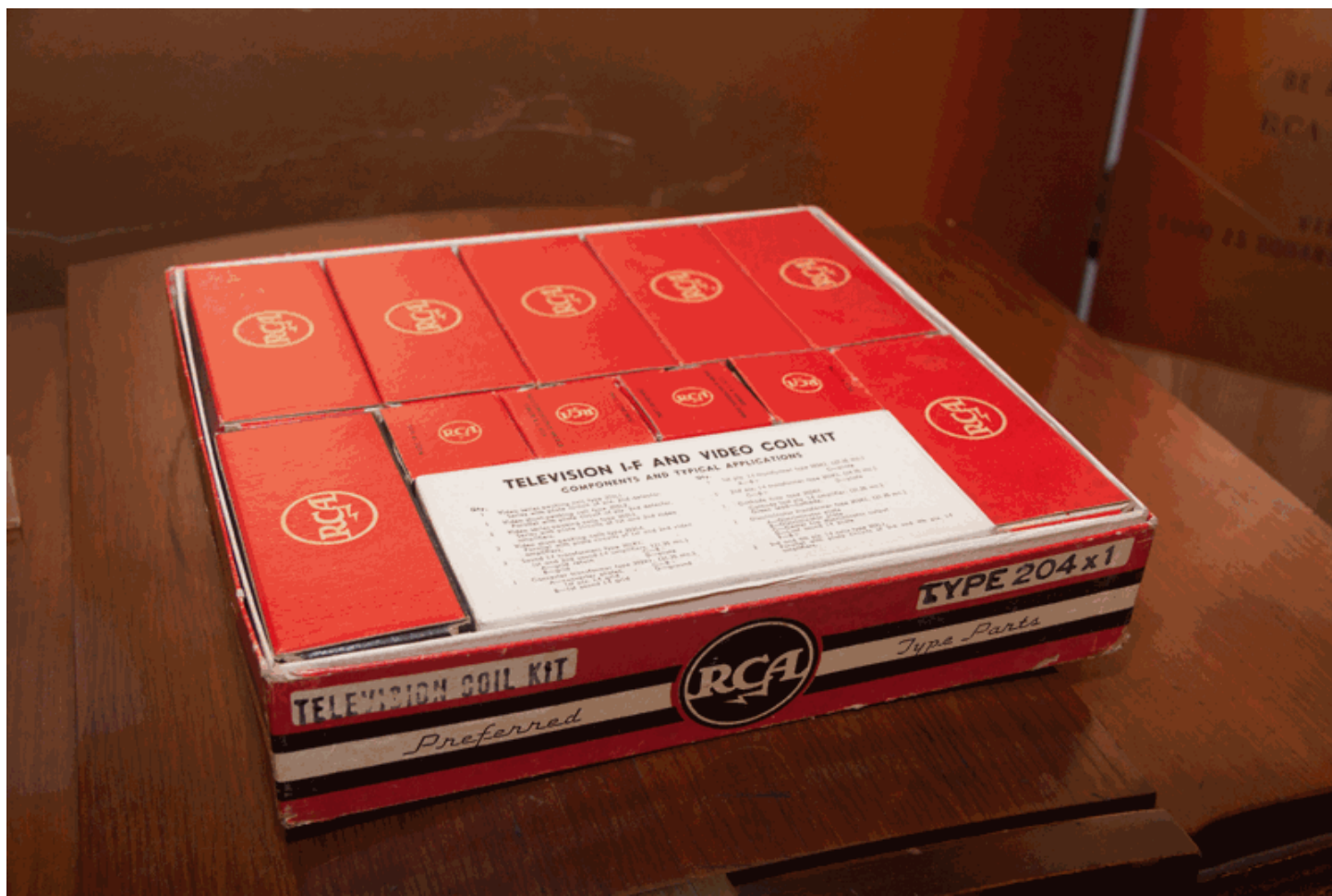
TELEVISION TUBE
TYPE 204-B1
RCA
Super Picture

CIRCUS NEWS COMMENTATORS
FOOTBALL PARADES BOXING
HOCKEY HISTORY IN THE MAKING
QUIZ PROGRAMS



BE AN EYE WITNESS WITH AN
RCA VICTOR RECEIVER

VIEWING SCREENS
FROM 20 SQUARE INCHES TO 200 SQUARE INCHES



RCA TRK- 12 Worlds Fair Chassis

These are the television and television power supply chassis for the RCA TRK-9 and 12.

These chassis were used at the 1939 Worlds Fair. The power supply was modified to double the picture tube high voltage to about 12,000 to make a brighter picture. Changes were also made in the main chassis so that it would work with the additional voltage.









This is a prototype
tube, made by
DuMont in the late
40s

Sony (T)
Experimental
CRT
Flat screen experi-
mental color tube,
possibly made by
Sony





**RCA R-100
Phonograph
Attachment**

RCA's TRK-5, 9 and 12 had a connector to allow a phonograph attachment to be plugged in. This one was introduced at the 1939 World's Fair.







Philco Television Oscilloscope

Introduced by Philco in
1939 specifically for
television servicing.

Booster

This RF booster
was in our Westing-
house WRT-703. It
was probably made
before WW2. It
tunes 4 channels.



Fab Color TV Contest

This detergent box (still full of soap) advertises a contest in which 100 Motorola 15 inch color sets were given away. This box was donated to the museum by Wayne Bretl.



Philips Projection Set Optical Alignment Device

This device was used to adjust the optical focus of sets using the Philips Protelgram projection assembly. The device is installed in place of the 3NP4 CRT. It has a test pattern on its face, with a light bulb behind it. Once the image was focused on the screen, the device is removed, the CRT re-installed. Then the electrical focus could be set.





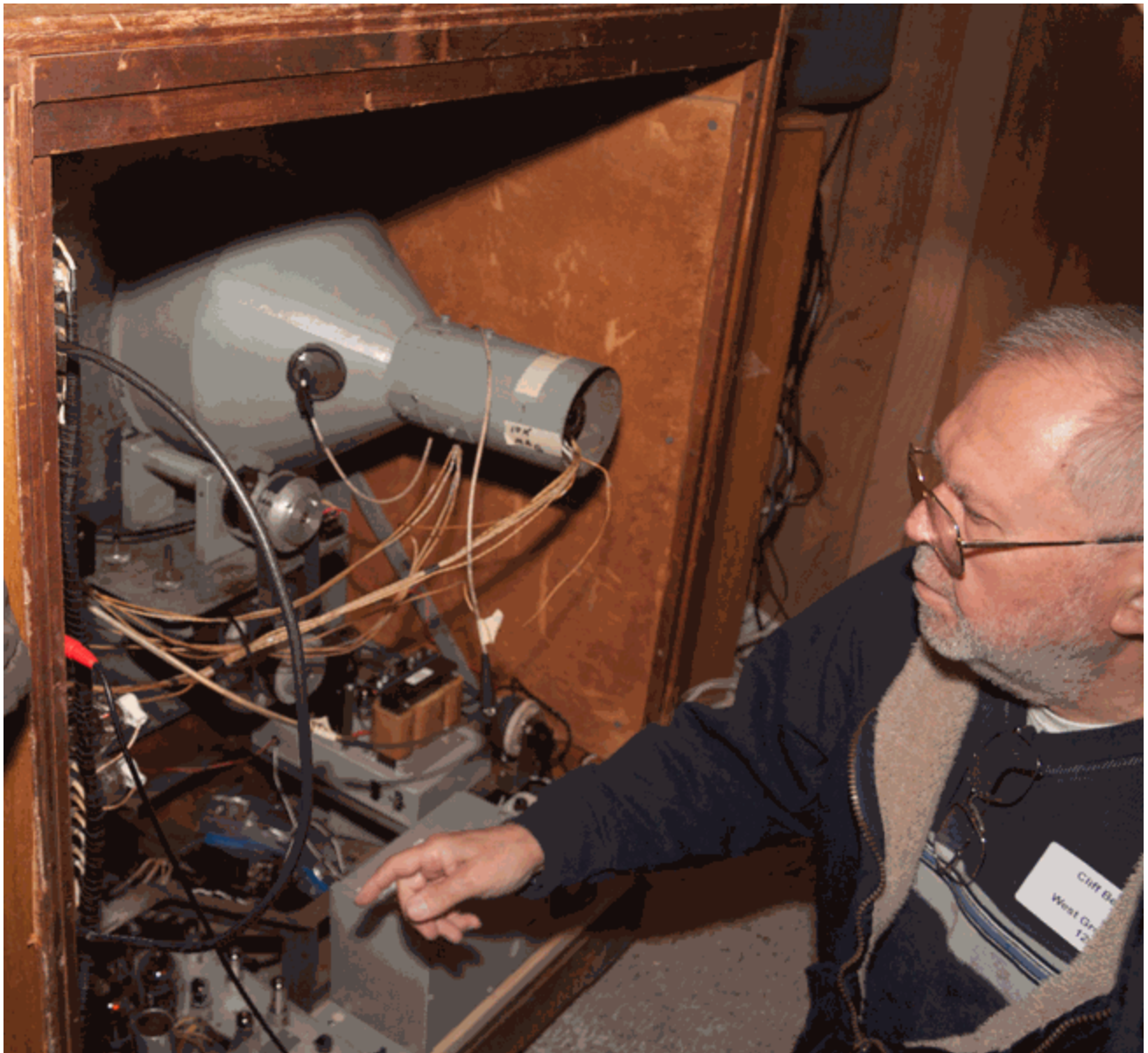
General and People























RCA VICTOR
COLOR
TV

CBS 205

Model 205C2 with "205" sound system, which was used in this set (and in top of the line 205W and 205R consoles of the time) R













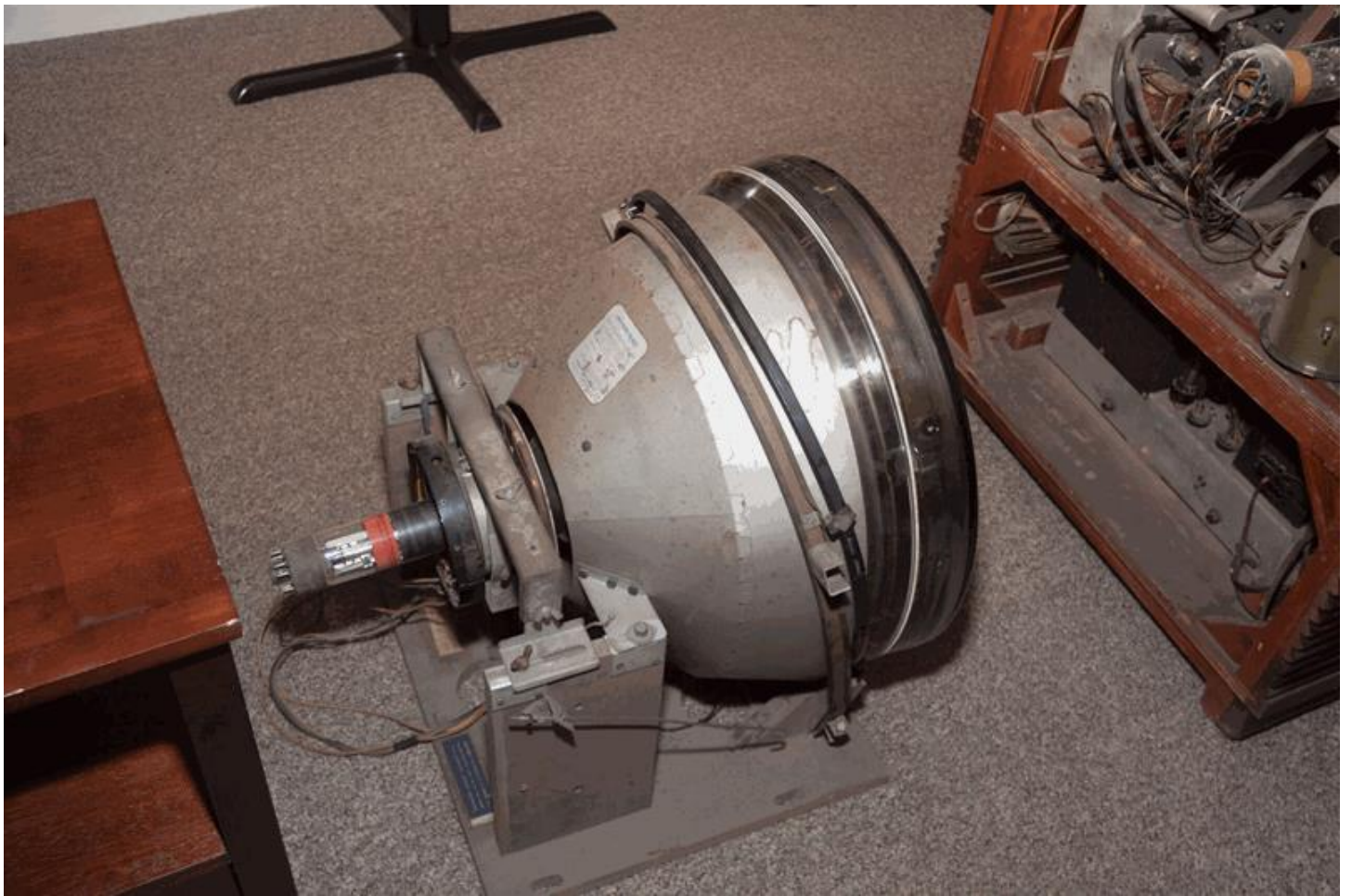
IMPORTANT

Fill out when replacing this picture tube
Date this tube placed in use _____

Serial _____
New Picture No. _____

Customer's Name _____
Address _____

SERIAL 72501869
CBS-color, Inc.
LONG ISLAND CITY, N.Y.

























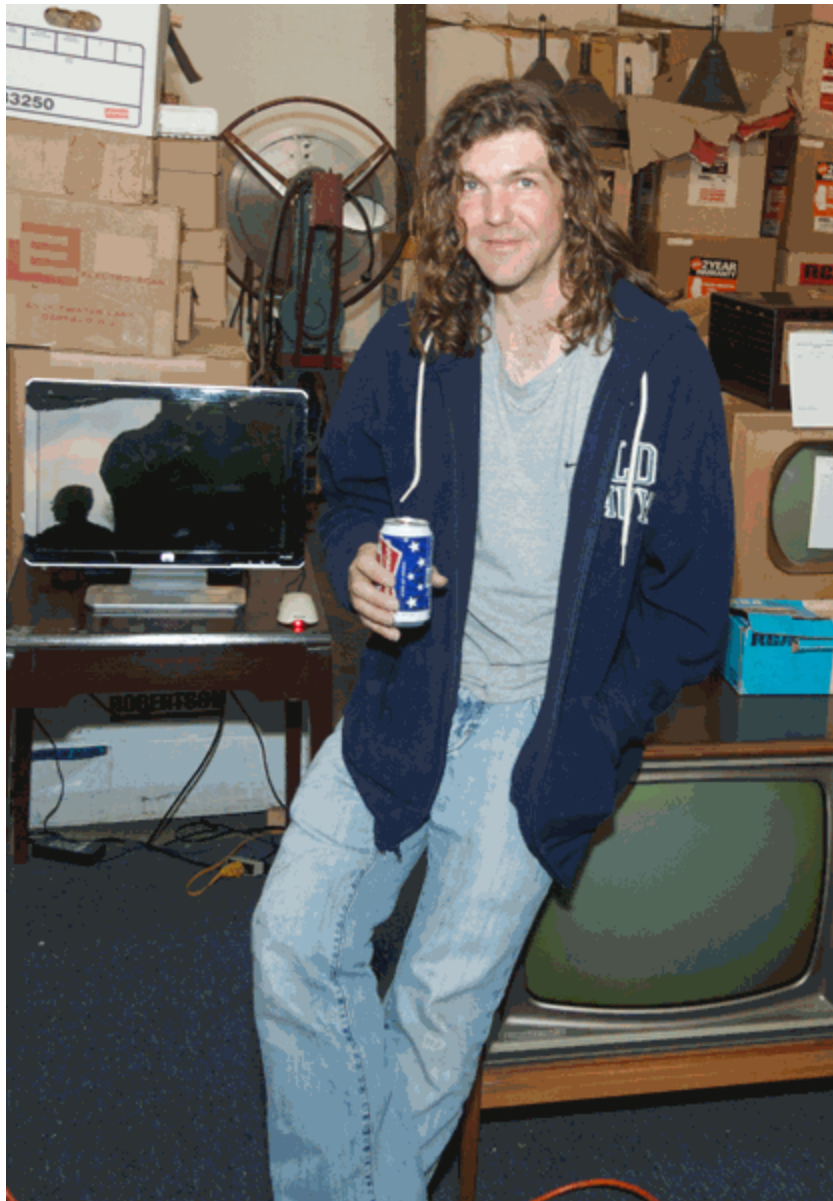


































Dinner





















