

**SURVEY**  
**Collins 30L-1 RF Linear Amplifier**  
**Collins Collectors Association**  
**(Spring, 2014)**

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Thank you very much for taking the time to assist the Collins Collectors Association by participating in this survey on the Collins 30L-1 RF Linear Amplifier. The summary results of this survey will be made available to Collins collectors via the CCA website and *The Signal*, the quarterly publication of the CCA.

**Your information will be kept confidential and it will not be shared with any other persons or commercial organizations.**

If you have any questions, please contact Karl Bowman, W4CHX via email (tuvets at bellsouth dot net) or via cell phone (919.669.6068). Please answer as many questions as possible. Thanks!

**1. Type: (circle one) WE RE RC**

- a. If emblem is RE (round emblem, "meatball"), is it:
  - Transitional, ie, with screw holes filled in either side of emblem
  - Small RE emblem, it measures approx \_\_\_ mm diameter
  - Large RE emblem, it measures approx \_\_\_ mm diameter
- b. If emblem is Rockwell-Collins, its color is:
  - Terra Cotta (burnt orange)
  - Blue

(Note: the emblem or logo on the front panel is one of three types: winged emblem [WE], round emblem [RE, "meatball"], or Rockwell Collins [RC])

**2. Serial number: (list number) \_\_\_\_\_ (Note: letters and numbers may be used)**

**3. MCN number: (list number) \_\_\_\_\_ (Note: letters and numbers may be used)**

**4. Top Level Collins Part Number: (circle one)**

**522-2375-000** (basic power amplifier)

**522-2375-011** (government order, with a commercial nameplate)

**522-2375-012** (military final inspection; special contract)

**522-2375-013** (government order, with a military nameplate)

(Note: the top level part number can be found on the chassis of WE and RE units, and on the serial number label of RC units)

(Note: when the military bought the 30L-1 its nomenclature was AM-3979/FRC-93)

5. **How many electrolytic filter capacitors are present in the high voltage power supply?:**

(Circle one)    **Four (4)**    **Six (6)**

6. **Component date codes:** please provide any information about component date codes for your 30L-1 linear amplifier, for example:

a. Codes on the original 811 tubes: \_\_\_\_\_

b. Codes on the high voltage power supply capacitors: \_\_\_\_\_

7. **Receipts, warranty documents, inspection tags, original manuals, etc:**

a. Do you have any? (circle one)    **YES**    **NO**

b. If so, what dates are listed on the items?

8. **Other labels, eg military ID, service center markings, etc:**

a. Are other labels present? (circle one)    **YES**    **NO**

b. If so, please describe:

(Note: when the military bought the 30L-1 its nomenclature was AM-3979/FRC-93)

9. **What color is your 30L-1?**

Standard S-Line cabinet/front panel

Other, please describe:

10. **The trim ring made of:** (circle one)    **Metal**    **Plastic**    **Not sure**

(Note: the trim ring surrounds the front panel of the 30L-1)

(Note: metal trim rings have a seam that is located in the middle of its lower portion)

(Note: plastic trim rings are often discolored due to UV light exposure)

11. **The finger hole trim ring is made of:** (circle one)    **Metal**    **Plastic**    **Not sure**

(Note: the finger hole and its trim ring are located on the top of the 30L-1 cabinet)

12. **Are you the original owner?** (circle one)    **YES**    **NO**

a. **If yes**, please provide the following information, if possible:

Date of purchase:

Dealer (or source):

Purchased for use with:

b. **If no**, please provide the following information, if possible:

- I acquired my 30L-1 on (date):
- Source (private sale, flea market, etc):
- Price paid:
- Acquired for use with:
- Information about the original owner:

**13. Equipment modifications: (circle one)                      YES    NO    NOT SURE**

a. **Power supply boards: (check one)**

- No modifications known
- Replaced

The replacement power supply board was made by:

b. **Tubes: (check one)**

- Original tubes still being used  
What brand and type of tubes are installed:
- Not sure  
What brand and type of tubes are installed:
- Tubes have been replaced by me:  
The brand and type of tubes I installed were:

c. **Capacitors, other items: (check one)**

- No modifications known
- The following items have been replaced:

**14. Equipment repair/restoration:**

My 30L-1 has been repaired. (circle one)    **YES    NO    NOT SURE**  
Reason(s):

My 30L-1 has been restored. (circle one)    **YES    NO    NOT SURE**  
Restoration done by:

**15. My 30L-1 has been used with: (please check all that apply)**

- Collins (early models)
- Collins receiver/transmitter (A-Line)
- Collins receiver/transmitter (S-Line)
- Collins KWM-1

- Collins KWM-2/2A
- Collins KWM-380
- Drake (model):
- Elecraft (model):
- TenTec (model)
- Other:

**16. Please provide any comments about operating your 30L-1 with any of the equipment you have listed above:**

**17. My name is: (optional) \_\_\_\_\_**

**18. I can be contacted at: (optional) \_\_\_\_\_**

Your completed information should be sent to:

Karl Bowman, W4CHX via email (tuvets at bellsouth dot net), or,

Karl Bowman, W4CHX via FAX at (919) 870-5605 (attn: Dr. Karl Bowman), or,

Karl Bowman, W4CHX via mail at 5509 Shimer Farm Lane, Raleigh, NC 27614.

Karl W4CHX can be reached by telephone at (919) 669-6068 (cell)

Again, thank you very much for completing this survey.

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