

September 2012



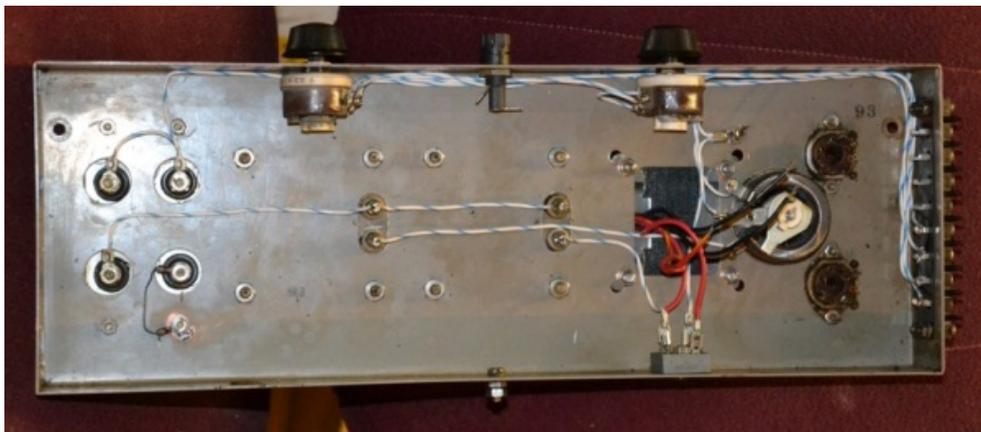
NOTE FROM PRESIDENT DEE

Hi Folks!

Last month we started the “Chairside Project.” This month, we are starting another project that will probably take a little longer and require a lot more help from the membership. I am speaking of the Raytheon RA-1000. Over the last few months, we have done what I call “tidbits” of work, however, now I am starting to do some work every day. The transmitter is made up of subsets like the AF amplifier chassis, AF amplifier power supply chassis, the exciter chassis, the mod bias supply chassis and other units that can be easily removed to clean and trouble shoot. I am currently working on the mod bias supply. When the transmitter was removed from service, it had been repaired in a rush, and you can see from the picture, the homemade power supply consisted of a power transformer, solid state rectifier and capacitor dangling from the chassis, not my idea of a good repair job. However, you probably have heard that “Dead Air” is a no-no in the field of commercial broadcasting, so, you fix it the best way you can in the shortest amount of time.



I took this unit home and cleaned it up, mounted the transformer, and full wave bridge rectifier. I cut out all the wiring and replaced it. The 5U4 dual diode tubes will not be used, however, for esthetic reasons, we will have them in the unit. Here are shots of what the unit looks like now.



As you can see I have not hooked up the AC input yet.

If you like putting around in your basement or shop as I do, then this project is for you. Be a part of restoring this great old lady of broadcast. Let me know if you want to help out.

Dee Haynes

243-4630 or k4hfx@bellsouth.net



DEE'S VIDEO SHOW

Here is a web site that some of you have already visited, but if not, and you are curious about our broadcast studio in the shop, you can see the original owner of the studio and find out a lot more about Joe Dentici:

http://www.birminghamrewound.com/wenn_dentici.htm

Thanks again to Sue Dentici for the use of this wonderful window to the history of broadcast radio in Alabama. If you haven't seen the studio, come by any Saturday or Tuesday morning and check it out.

Also check out the rest of Birminghamrewound.com

MEETING TIMES

We meet nearly every Saturday of the month at 09:00 AM in the one-story building at the corner of 8th Avenue North and 18th Street (1801 8th Avenue North, Birmingham, AL 35203). Use the rear (Southeast) entrance.

It has also been decided to open the shop on Tuesday, as well as Saturday. We have a lot of projects going on and need the extra day to get it all done. So, until further notice, we will be open Tuesdays from 9am till...and on Saturday morning. Note that parking could be a problem on Tuesdays, because it is a business day, and the lot is usually filled, so you might have to find street parking occasionally.

Come to the Monday Night Meetings, TOO, on the 4th Monday of the month at 7 PM!

FREE ELECTRONICS CLASSES

Dwight Crider has taken over Robert's classes, and the first Saturday of the month, will teach electronics classes free to members. Topics include test equipment, Resistors and Capacitance testing, Inductors and coil winding, to name only a few subjects!

We hope to see you there!



Membership dues are \$25 a year, payable beginning in January. If you have questions about your dues, you can contact Tom at 205-967-7000.

Dues can be mailed to AHRs @ P.O. Box 131418, Birmingham AL 35213.

WHO TO CONTACT

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