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Subject: Re: Airline 62-2704 Need Help

Posted by [Wayne Parham](#) on Tue, 06 Jul 2010 16:11:42 GMT

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That's the best way to find the schematics. Sorry I didn't have time to get the CD's out of storage, lots going on what with a 3-year-old running around and a million little projects. Everything seems to take months longer than it should, but that's just the way it is for a few years. So anyway, I'm glad you can scan through the Rider collection yourself. That's the only way to do it.

About the field coil speakers, there are differences, but for what you're doing, all will work. There will be a variance between units on coil resistance and number of turns, some can be designed to require more current than others, but for these kinds of radios, all are in pretty much the same range. All that's required is the B+ go through the coil, and the current drawn by the set - all the tubes' anodes - is what energizes the coil. Since all are basic five or six tube radios, they all have about the same current draw. This, in turn, means all the field coils have to provide enough flux to work with the available current, making them all pretty similar. Bottom line: If the speaker works, the coils aren't open and the cone physically moves, then I would expect it to work when properly connected.