Subject: Re: Airline 62-2704 Need Help
Posted by Wayne Parham on Tue, 29 Jun 2010 23:35:40 GMT
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I'm not sure how many manufacturers Montgomery Ward used as OEM's for their radios. I personally have only seen RCA, so MW may have bought chassis only from them, I suppose. But I expect they had other manufacturers bid too.

I'd be happy to look for a schematic for you but my Rider CD's are packed away. However, I'll try to make time to unpack them and look soon. There are lots of schematics in there though, and all you can do is look through them one at a time, so you'll definitely owe me a steak dinner.

As for the rest of your questions, the wires coming from the transformer are probably speaker connections. Two are probably for the voice coil and two are probably for the field coil. Look at the speaker and see if there are four wires, or a connector with four lugs. The old speakers were made that way, with a field coil that energizes an electromagnet instead of a fixed magnet on the back. This coil also serves double-duty as a power supply filter.

The three wires you think are antenna could be that, I suppose, a balanced pair and a ground. But usually the antenna connection for AM radio is only two wires, (antenna and ground). If AM/FM there would be a separate AM and FM line, but this is only an AM radio. Also, I see from the image of the label you uploaded that it shows a single wire for the antenna (chassis is probably ground). So I am wondering why there are three wires, and I really think they are probably something else.