

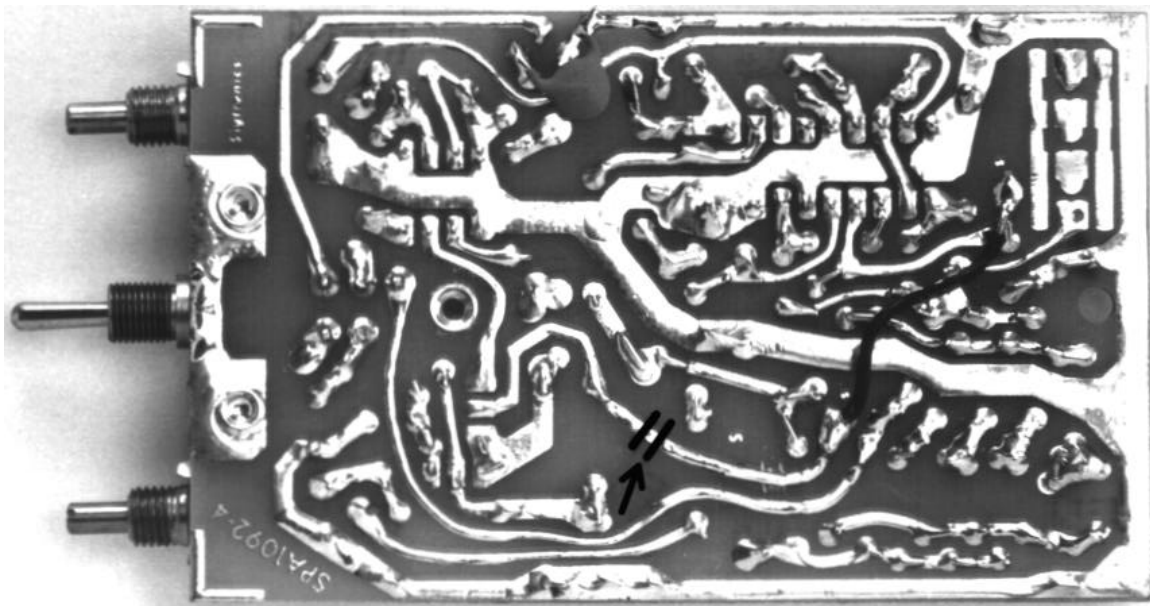
SPA-400 SIDE-TONE MODIFICATION*

(Circuit Board 1092-4, SPA-400 Panel Mount, S/N 61960-6053485)

Most aircraft radios, when transmitting, provide what is called side-tone. Without side-tone, you will not hear yourself or your co-pilot transmit to ATC. This can be distracting, especially during instruction, because no-one on the intercom will hear the out-going transmission side of the radio conversation. Some aircraft radios, however, do not provide this function. Also, some radios are designed to drive only one headset. Therefore, if you have such a radio, the side-tone may be extremely weak or nonexistent. If this is the case and the side-tone cannot be turned up in individual radio(s), a simple modification can be performed within the SPA-400 to simulate side-tone. The SPA-400 requires partial disassembly to accomplish this side-tone modification. To disassemble unit, carefully remove the three screws securing the bottom cover. Remove the cover to expose the solder side of the circuit board. Next, separate the etch where indicated and install a jumper as illustrated below. Replace the cover and the three screws to complete the modification.

Note that with the unit modified in this way, the intercom volume control adjusts the level of the side-tone.

*Also applies to Sigtronics SPA-600, ST-400, ST-600, and SDB-800.



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