

FIGURE 2-3 BASIC 14 V SYSTEM WIRING

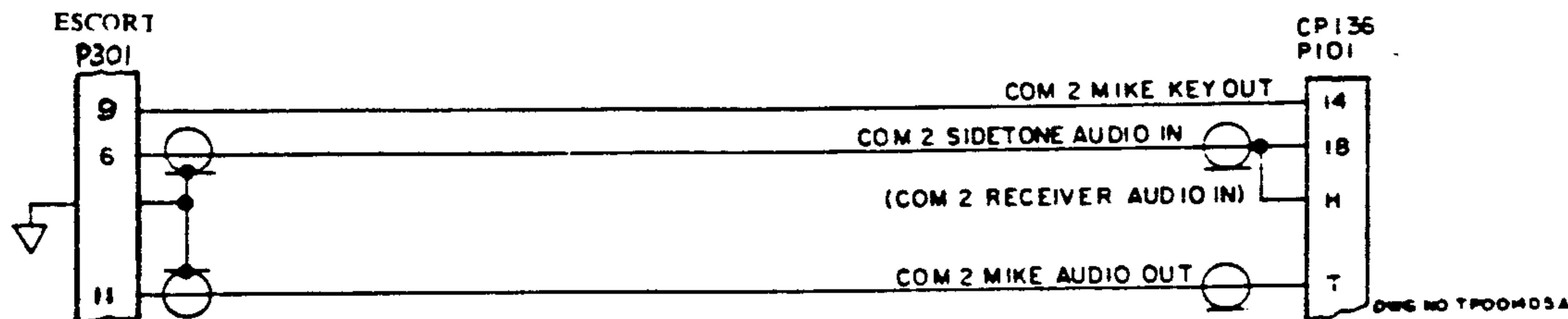
### 2.4.3 RECEIVER AUDIO OUTPUT CONNECTIONS

There are two receiver audio outputs available from the receiver's rear connector. P301 pin 6 is the high level output rated at 50 mW across a 300 ohm impedance. This output is intended for Headphones or a Narco CP135/136 audio panel where the signal may be isolated or combined with other avionics audio signals and further amplified.

P301 pin 6 may NOT be paralleled with any other audio outputs as the very low output impedance from pin 6 will attenuate other audio signals.

A low level output (330 ohm output impedance) is available from P301 pin 5. This audio output is intended to be used with a "common audio" summing network when an audio switching/amplifier panel is not being used.

Shown here are the Escort's audio connections made to a Narco CP135/136 audio panel.



Escort to CP135/136 Audio Connections

Refer to figures 2-5 and 2-6 for dual Escort and Escort to MK-12D audio interfacing.

## 2.4.4 ESCORT INTERCOM

An Intercom Key function is available at P301 pin 12. When pin 12 is externally grounded thru a switch and the mike key line open circuited, the mike audio bypasses the transmitter modulator. The mike audio is amplified by the 50 mW audio amplifier and is present at both audio outputs at P301 pins 5 and 6.

Two intercom arrangements are shown in Figure 2-2. If Detail A scheme is used, both microphones must be of the same manufacturer and model number. When one microphone is disconnected, the mike audio level will shift (increase).

The scheme in Detail B will permit different types of microphones to be used as mike audios are isolated by a relay.

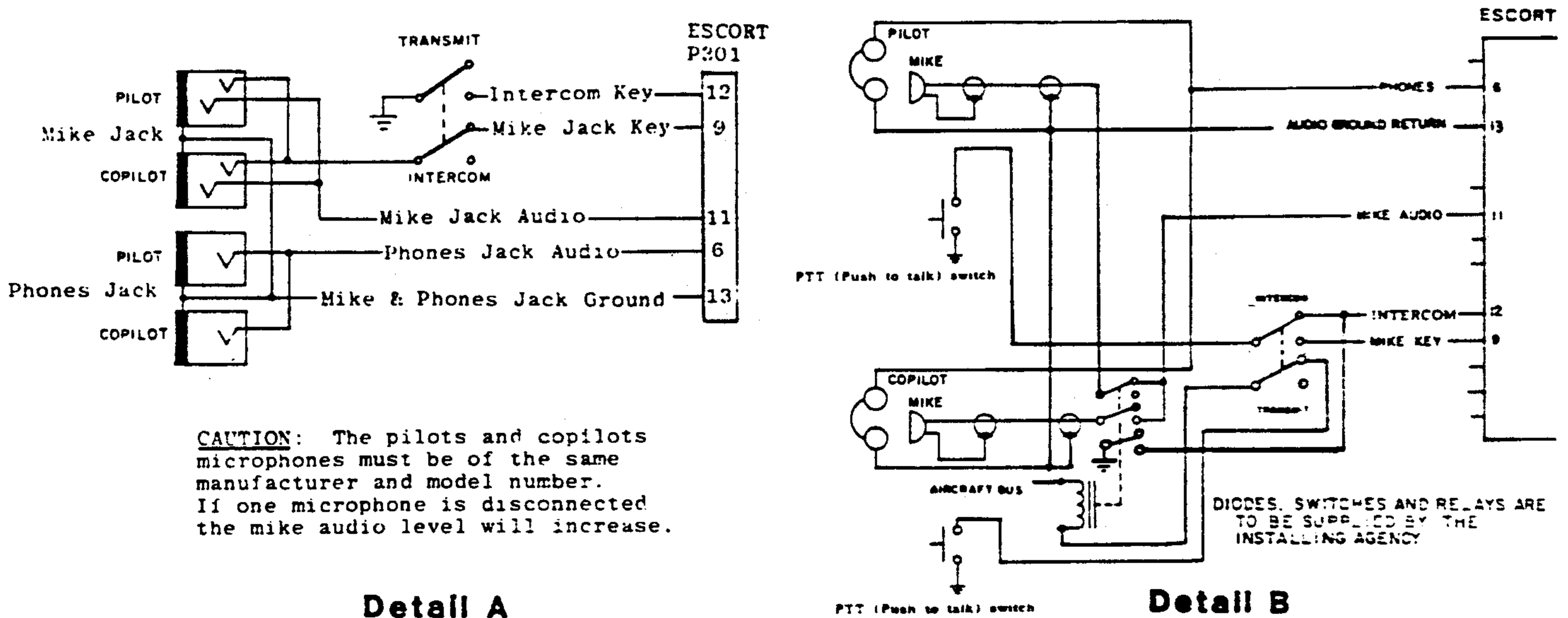


FIGURE 2-2 BASIC INTERCOM WIRING