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AUDIO PANEL AND CNS

4.6 AUDIO PANEL PREFLIGHT PROCEDURE



NOTE: If the pilot and/or copilot are using headsets that have a high/low switch or volume control knob, verify that the switch is in the high position and the volume control on the headsets are at maximum volume setting. On single-pilot flights, verify that all other headsets are not connected to avoid excess noise in the audio system.



NOTE: When the **MAN SQ** Key is pressed, the ICS squelch can be set manually by the pilot and copilot. If manual squelch is set to full open (SQ annunciated and the knobs turned counterclockwise) background noise is heard in the ICS system as well as during COM transmissions.

After powering up the G1000 System, the following steps aid in maximizing the use of the Audio Panel as well as prevent pilot and copilot induced issues. These preflight procedures should be performed each time a pilot boards the aircraft to insure awareness of all audio levels in the Audio Panel and radios.

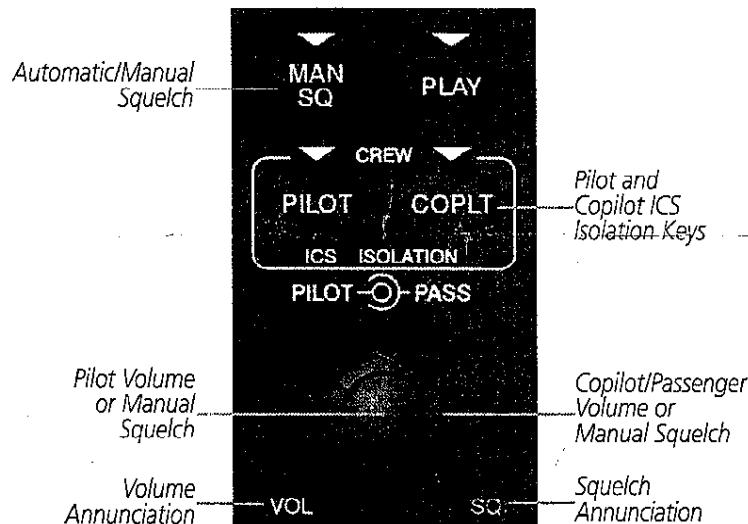


Figure 4-45 Audio Panel Controls

Setting the Audio Panel during preflight:

- 1) Verify that the PILOT and COPLT Annunciators are extinguished.
- 2) Verify that manual squelch is set to full open.
- 3) Turn the PILOT/PASS Knobs clockwise two full turns. This sets the headset intercom audio level to max volume (least amount of attenuation).
- 4) Adjust radio volume levels (COM, NAV, etc.) to a suitable level.
- 5) Adjust the PILOT/PASS Knob volume to the desired intercom level.
- 6) Reset squelch to automatic, or adjust to the appropriate level manually.

Once this procedure has been completed, the pilot and copilot can change settings, keeping in mind the notes above.