Quick Reference Guide for Audio Control Panel Installed in the Standard CAWG CAP AIRCRAFT (PMA 7000M-S)

What you want to do	Required action
Turn on the audio panel	**Pull** the large knob on the left labeled **VOLUME**
Adjust the volume	**Rotate** the large knob on the left labeled **VOLUME**
	This adjusts ICS volume only -radio volume is adjusted on each radio
Set Marker Mode	**Move** the upper-left silver switch to the **LOW** (middle) position
Set the crew mode	**Move** the lower-left silver switch to the **ALL** (middle) position
Select the transmit function	**Rotate** the large knob on the right to the <u>desired transmitter setting</u>
	(See chart below)
Turn on desired radios and set frequencies	See operating instructions with each radio

Transmitter Combinations (<u>designed for some common situations</u>)

TX Selector	Pilot	Observer	Notes Action	Common Situation
COM 1	Com 1	Com 1	(a) Both pilot and Observer transmit & listen on Com 1 (Pilot TX priority)	Both are able to listen and transmit on same FAA radio (tower, ATC etc.)
COM 2	Com 2	Com 2	(a) Both pilot and Observer transmit & listen on Com 2 (Pilot TX priority)	Both are able to listen and transmit on & same FAA radio (tower, ATC etc.)
COM 3	Com 3	Com 3	(a) Both Pilot and Observer transmit & listen on Com 3 (CVAP Radio)	Working in remote location where no other FAA frequencies are needed
COM 1/2	Com 1	Com 2	(b) Pilot transmit & listen on Com 1 Observer transmit & listen on Com 2	Pilot with ATC and Observer with air-to-air or air-to-ground frequency such as 1 129.45
COM 1/3	Com 1	Com 3	(b, c) Pilot transmit & listen on Com1 Observer transmit & listen on Com 3	Pilot with ATC and Observer using CAP radio. Cannot hear each others communications (ICS ok)
COM 2/3	Com 2 CAP	Com 3	(b, c) Pilot transmit & listen on Com2 Observer transmit & listen on Com 3	Pilot with A TC and Observer using radio. Cannot hear each others communications (ICS ok)

<u>Notes:</u>

(a) Pushing another COM or NAV button permits listening to that radio but no transmitting (guarding).

(b) When COM 3 button is pushed in a COM 3 split mode, pilot will hear COM 3 but no transmitting (guarding).

(c) Pushing ICS button in a split mode, permits ICS function between Pilot & Observer.

See user manual for more complete information.

Pilot should always approve any change to audio panel setting.

10 Apr 2001 by <u>Capt. Woody McCauley</u>