# Quick Reference Guide to CAP FM Radio Used in CAWG Aircraft

**Turning on the Radio**

**Desired Action Procedure**

Turn on radio
> Coordinate with pilot so you are using **COM 3** thru the audio panel
> Make sure **EDIT** switch is centered
> Turn **MAIN (MN )** volume knob-clockwise
> Turn volume **MN** Knob to middle (approx)
> Turn **GUARD (GD)** volume knob to middle (approx)

Clear Help screen
> Toggle **BRIGHTNESS** switch once in either direction

Adjust screen brightness
> Toggle **BRIGHTNESS** switch either direction as desired

Set display
> Move **DSIP** switch to left **(ID)** position

Select channel
> Move **CHANNEL** switch right or left (+ or -) to desired channel according to chart for repeaters

Set scan switch
> Move **SCAN** switch to middle position

Set Guard frequency
> Move **GD1/GD2** switch to the **GD1** position

Adjust volume controls
> Turn **MN** and **GD** volume knobs to comfortable settings

Adjust Squelch
> Press white **SQ** button: **IN** to hear weak signals, **OUT** for normal signals

**Transmitting and Receiving**

Receiving Move
> Move **SCAN** switch to **NORM** as stated above.
> You are listening to 148.150 thru the repeater selected
>> (The orange light to the right of the **MN** knob will come on when you are receiving thru the repeater)
>
> You are also listening to 148.150 simplex thru Guard 1
>> (The orange light to the right of the **GD** knob will come on when you are receiving thru the simplex receiver)

Transmit thru repeater
> Key Push to Talk **(PTT)** switch (usually on your yoke)

Transmit on simplex
> Move the **SCAN** switch down to **GD TX**
>> (display screen should say channel 01 simplex)
> Key **PTT** switch (usually on your yoke)

NOTE: The **EDIT** switch should always be in the center position.

**1 Mar 2001** by Capt. Woody McCauley