

Presentation Outline

7/18/09

Date presented _____

Subject: CAP aircraft radio TDFM-136

Points

Ref: <http://www.gocivilairpatrol.com>members>Emerg Svcs>Ops>Links>Trng Mat'ls>Aircrew and Flight Line>MAS>Ch. 4 Comm and Mission Aircrew Ref. Text Rev 1 Feb., 2008.>

1. PHOTO of radio face

- Located extreme right side of panel (in G1000 a/c), below the Becker ELT DF.
- Buttons for programming (already done by Wing Comm). One minor exception.
- Aircrew controls are the knobs and toggles left side, and the display.

2. Display, knobs, and toggles - normal operation

- Display Top = MAIN (active) freq Bottom = GUARD (listening) freq
- MAIN knob Off/On and volume for MAIN freq
- GUARD knob vol. for GUARD freq
- MN/GD toggle controls which freq (MAIN or GUARD) you transmit on (usually MN)
- GD1/GD2 toggle selects one of two GUARD freqs. - select whichever position gives you the freq you were briefed on to guard (usually G1)
- HI/LO Transmitter power - leave on HI
- Squelch button Don't touch.

3. The exception on the buttons (normally would not have to do this):

- 4 and 6 scan to select desired freq (upper line in display)
- 2 and 8 display brightness (increase or decrease)

4. A word about CAP freqs.

NOTE: These are RESTRICTED. Don't pass them around or state them in a transmission.

- "1" = primary comm xxx.xxx MHz
- "2" = secondary comm "
- "3" = ground tactical "
- "4" = air-to-ground "

5. Other important points:

- CAP radio connected to Comm 3 buttons on audio panel.
 - You won't hear a sidetone when you xmit (as you would on the VHR radio). So, don't think your voice is not getting out. If someone else in the crew is xmitting, you will hear them.
 - Mission Master toggle must be ON (a little below the TDFM-136 on the panel).
 - "External buttons" (located below throttle) must be set up properly. PHOTO
- NOTE: Mission Master must be ON to light up these buttons.
- seat position 2 (right front) or 3 (left rear)
 - FM or UHF

Tony Cecere