

To use the Flight Mode feature of the PCM10X transmitter to lower the landing gear in Flight Modes 0 and 4.

Channel allocation: Channel 5 (gear) - retract servo.

Code 17 (Function Select)

From code 17, press the "PAGE" key to move to the second page. The screen reads "F.MODE" - "D/R SW" - "INH". Press "SEL" under "INH" to rotate around the Flight Mode activation switch choices. (The screen choice is "AILE" - "ELEV" - "RUDD" - "INH", corresponding to the Aileron dual rate switch, the Elevator dual rate switch, the Rudder dual rate switch and inhibited.) The switch you select becomes the Flight Mode Switch. When any choice other than "INH" is selected, further choices appear on the screen. Press "ACT" under "EXTRA - INH" to enable flight modes 3 and 4. On the screen, "EXTRA - INH" will change to "EXTRA - ACT" and "SEL" will change to "CLEAR". The key toggles between inhibiting and activating the extra Flight Modes.

Press "ENTER" to return to the Function Mode.

Note that the Flight Mode Switch selects Flight Modes 0, 1 and 2 with the Mix switch towards the back of the transmitter and Flight Modes 0, 3 and 4 with the Mix switch in the forward position.

Code 51 (Program mix 1)

Move the Gear switch towards the back of the transmitter.

From code 51, press "ENTER" to change to the mix "channel select" page. The screen reads "INH" with the number keys 1 to 10 at the bottom. Press "5" twice to select channel 5 as both the master and slave channels. The screen reads "GEAR->GEAR". Press "ENTER" to confirm the choice. The screen shows "POS0" on the right hand side with + 0% highlighted below it. Press and hold the "+" key until the screen shows "+ 100". Only the top figure changes. If necessary, use the "+" and "-" keys to set the figure to exactly "+ 100" with the "+" key increasing the value and the "-" key reducing the value. Press "TURN" below the + signs to change the top "+" to "-". The highlighted section now reads "- 100".

Move the Flight Mode switch to Flight Mode 0, (Switch towards the top of the case, Mix switch towards the back of the transmitter.) and press "PAGE" to change to the second page. The screen shows the "mix activation switch" choices with all dark squares in line with "POS0". Press "SEL" below "F0" (Flight Mode 0) and "F4" (Flight Mode 4) to select those switch positions. The dark squares move to be level with "POS1" for the "F0" (Flight Mode 0) and "F4" (Flight Mode 4). Press "PAGE" twice to move back to the first Program Mix 1 screen. (The "PAGE" key rotates around the three Program Mix 1 screens.) Note that "POS0" now reads "POS1" and the

highlighted portion of the screen shows "+ 0". Press and hold the "+" key until the screen shows "+100". As before, use the "+" and "-" keys to set the figure to exactly "+ 100". As an experiment, move the Flight Mode Switch to Flight Modes 1 and 2 and note that "+100" (POS1) changes to "-100" (POS0) for Flight Modes 1 and 2.

Finally, move the Gear switch to the forward position. (The highlighted portion moves to "+ 0") and press "STORE" below "OFFSET - 0". A figure of -85 or -86 appears to confirm the offset.

Press "ENTER" to return to the Function Mode.

Code 17 (Function Select) (Again)

The screen shows "GEAR:ACT - FLAP:ACT - AUX2:ACT etc." with an arrow pointing at "GEAR:ACT". Press "CLEAR" under "AUX2:ACT" to inhibit the Gear switch. The screen reads "GEAR:INH - FLAP:ACT - AUX2:ACT etc.", to confirm that the Gear switch has been inhibited.

Press "ENTER" to return to the Function Mode.

The Gear servo moves to the clockwise extreme (undercarriage down) in Flight Modes 0 and 4 and to the anti-clockwise extreme (undercarriage up) for Flight Modes 1,2 and 3.

To reverse the servo travel direction, reverse the position of the Gear switch when making the above adjustments.