

Setting the PCM10SX aero transmitter for Crow braking and switched Flaps.

Butterfly mix (crow).

Code 22, page 25: Enable quad flap. Ensure that the servos are plugged into the correct receiver channels. Use servo reverse, if necessary, to make all servos move in the appropriate direction.

Left aileron	-> Retract
Left flap	-> Aux 1
Right flap	-> Aux 2
Right aileron	-> Aileron

Code 51, page 30: Mix channel 1 (throttle) -> channel 2 (aileron). Mix percentage to set max movement (say 50%). Change mix + or - to give servo movement in the correct direction. Move throttle stick to one extreme and use offset so that crow starts from that position.

Code 52, page 30: Ditto above but mix channel 1 (throttle) -> channel 6 {Aux 1 (flap)}.

Three position switch to provide flap operation.

Code 53, page 30: To obtain flaps as ailerons. Mix channel 2 (aileron) -> channel 6 {Aux 1 (flap)}. Mix percentage gives relative movement.

Code 54, page 30: To obtain ailerons as flaps. Mix channel 6 {Aux 1 (flap)} -> channel 2 (aileron). Mix percentage gives relative movement. Activate INCLUDE mixing.

Code 66, page 40. Flap down switch. Dial in required flap and elevator movements in the desired direction. U = up, D = down. The servos take up the selected position when the flap switch is moved towards the bottom of the case.

Code 55, page 30. Flap up switch. Mix channel 6 {Aux 1 (flap)} -> channel 6 {Aux 1 (flap)}, -100%. Move the flap switch to give the required flap deflection and store as offset. The chosen offset will be displayed for reference. Select the mix activating switch as E -> F. The flap will take up the set position when the flap switch is moved towards the top of the case.

Code 56, page 35. Elevator trim with flap up. Move the Aux 5 pot fully clockwise. This pot can act as elevator trim if required but should not otherwise be moved. Use normal mix. Mix channel 10 (Aux 5) -> channel 3 (elevator). Mix percentage will set the elevator movement. Mix direction for elevator movement direction. Select the mix activating switch as E -> F.

Code 17, page 18. Inhibit flap lever. Note that the flap lever operation will have to be activated when making adjustments to the mixes above.