



## KingCat/BobCat Crow Setup

Install flap servos, set Matchbox for proper direction using transmitter side lever per “flap section” of manual.

Basic crow setup uses 4 Program Mix’s. Remember these steps or place this page in your transmitter case for reference.

This suggested method allows the easiest adjustment of all mixes to achieve proper crow function and flight benefits.

P-Mix 51	Flap-to-Flap	Allows side lever to be deactivated.
P-Mix 52	Ail-to-Aux2	Slaves right aileron (Aux 2) to left aileron (ail channel) Don't forget – trim function on.
P-Mix 53	Flap-to-Ail	Activate crow in left aileron with full flap position.
P-Mix 54	Flap-to-Aux2	Activates crow in right aileron (Aux 2) with full flap position.

### Disabling flap side lever (Program Mix #51)

- Use a flap-to-flap mix (#51 if available)
- Move side lever to establish offset of -86
- Deactivate flap lever (code #17)
- Use Program Mix value (#51, flap-to-flap) to raise flap to “up” position. Value may be as high as 100-125
- Use code 66 to set half and full flap – using flap gauge. Set elevator trim at half and full flap. (Approx. 6 up for half, 10-12 up for full, fine tune after first flights).

### Aileron to Aux 2 mix (Program Mix #52)

- Use Mix #52 (if available) to slave Aux 2 to aileron channel.
- Set deflection value to 100%, both directions.
- Verify Aileron and Aux 2 both move as aileron with proper direction (reverse #11 channel 7 if necessary, verify proper trim function of both ailerons).

### Crow Mix (Program Mix #53)

- Flap into left aileron 6→2
- Activate Mix 53 (flap to aileron 6→2).
- Place flap switch to full flap position.
- Page Mix and move “land” icon to upper position. This activates crow only when full flap is chosen.

### Crow Mix (Program Mix #54)

- Flap into right aileron (Aux2) 6→7
- Activate Mix 54 (flap to aileron 6→7).
- Place flap switch to full flap position.
- Page Mix and move “land” icon to upper position. This activates crow only when full flap is chosen.

## Receiver Connections

Wiring From		Receiver Port
Left Aileron	→	Aileron
Right Aileron	→	Auxiliary 2
Flap Matchbox	→	Flap

All values represent a starting point only. Each model may need different values to achieve proper throws and maybe even control direction. Be absolutely sure of your throws, direction and radio functions before attempting flight.

NOTE: The amount of aileron "up" deflection is  $\frac{3}{4}$ " measured at the outboard end relative to the wingtip. The flaps "down" is per the flap gauge supplied with this kit. The elevator trim will be close to neutral.