

RD8000 and RDS8000

Procedure for obtaining Dual Ailerons, Flaps, and Crow for the Hanger 9 Ultra Stick Model or similar type model.

Note: Set Centering of Aileron Channel, P/F Channel and Channel #8 to **0%** when starting setup. Aileron servo arms should be positioned at the neutral position with Ailerons at neutral.

Select the P-F Channel:	Zero out EPA for all directions of the 3-position Flap switch.
Select the Gear Channel:	Set Gear EPA at 0% with the Landing Gear switch towards you. Set EPA at + or – 150% with the Landing Gear switch away from you. Polarity can determine the direction of CH #5, CH #2 and CH #6 servo throw because of servo value interaction.
Select etc Channel:	Scroll down using the Down Function key and set Flaperon to ACTive to obtain Dual Aileron channels on Channels #2 and CH #6.
Select CH #8:	Set EPA to 0% .
Select C-Mix 1 under etc.	Set MAS GE , SLV FL , and G>F at + or – 100% with the Landing Gear switch towards you. Polarity determines the direction the Aileron servos move in Crow. Value determines the amount of Crow. Set G>F t +100% with the Landing Gear switch away from you.
Select C-Mix 2 under etc.	Set MAS GE , SLV Channel 8 , and G>8 at + or – 150% with the Landing Gear switch away from you, and at + or – 150% when the Landing Gear switch is towards you. Polarity determines the direction the that Flap servos will move. Value determines the amount of servo throw.

Turn on the C-MIX Switch located above the Throttle gimbal and leave it on at all times.

This setup assumes all servos are mounted on the bottom of the wing. Servo reversing should be used to obtain the correct direction of Aileron servo, with no mixing applied. Aileron outputs are on Channels #2 and #6. Elevator output is on Channel #1. Throttle is Channel #3, and Rudder is on Channel #4. Individual Flap outputs are on Channels #5 and #8. CROW is activated by positioning the Landing Gear switch away from you. Flaps go down and Ailerons go up.

If Flaperons are also desired, select the P/F Channel and set an EPA value for the amount of throw desired with the standard 3 position Flap switch, which is located on the top right of the transmitter, when positioned away from you. **Neutral Ailerons are with the switch towards you. Flaperons should only be used when the Landing Gear switch (CROW) is in the OFF position, e.g., towards you because of reduced aileron control!**