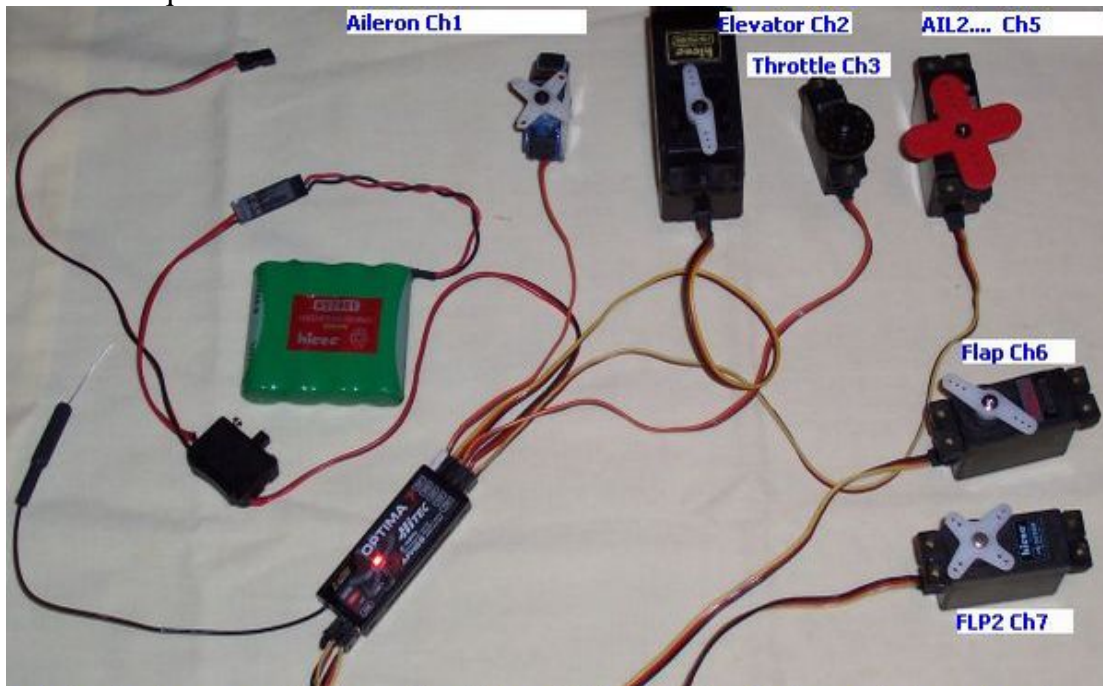


Hitec Aurora 9Ch.

Set up with 2 Ailerons & 2 Flaps with Flapperon

Scale Beaver.

1. Start with a New Model Memory
or "RESET" existing to prevent some mix remaining in the background.
2. Set up RC system on bench and try settings before installation in any model, this ensures easiest control linkage settings with minimal reversing and other mix functions required.



Typical test set up, a mix of servos readily within reach. Use same brand or beware that some brands have reverse rotation which would upset programming if other brands used in same sockets later.

3. Custom Menu (for this exercise, yours may vary.)



Select "[Model Type]"> "WingType" > "2AILE+2FLAP" > "Set">[Tail Type] "Normal" . > "Set" > [Engine Type] > [Single Engine] > "Set" > [Retracts] Y/N > "Set" .[Airbrake] Y/N > "Set"[Fuel Mixture] > Y/N > [Channel Function] >



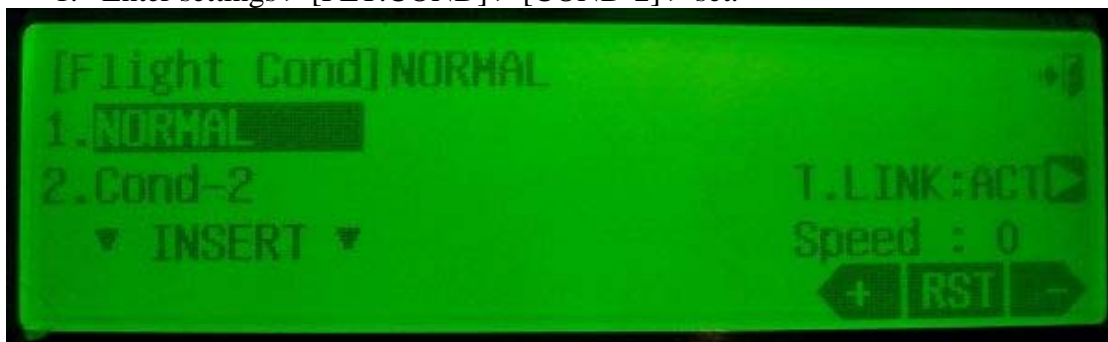
Ch1 & Ch5 = Aile: J1 & J1 (Stick one)
 Ch6 = Flap : LS (highlight LS) > "SEL" > amend to "E"
 Ch7 = FLP2: LS (highlight LS) > "SEL" > amend to "E"
 [Sure? select Y/N]



Turn TX Off then Reboot and test above as basic settings

Do not use [AIL-FLP] under Settings>Model screen 1 as that does not provide for servo time setting.

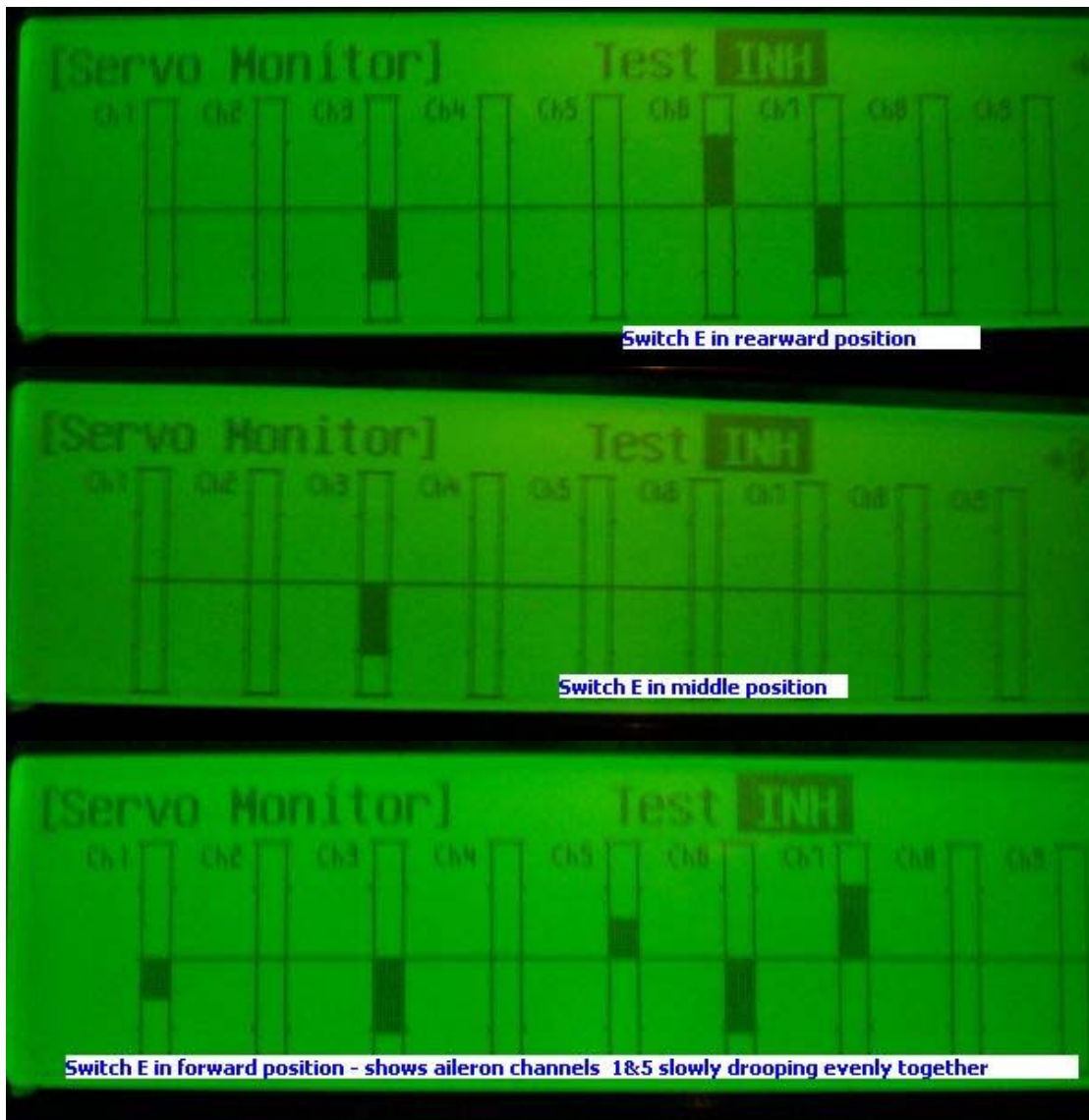
1. Enter settings > [FLT.COND] > [COND-2] > set.



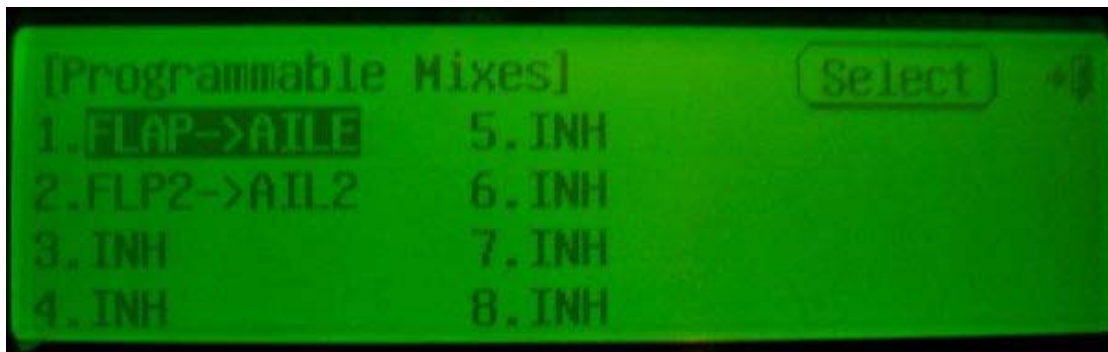


Select Speed (time) "0" and adjust with up arrow to 3.0.
 . Move switch to forward position and change OFF TO ON.





2. Enter settings > Model> P.Mixes



>FLAP > AILE >select. Move switch “E” to forward position.

. tap “Rate” and “+” to increase to 100% rate or as required for left & Right movement.

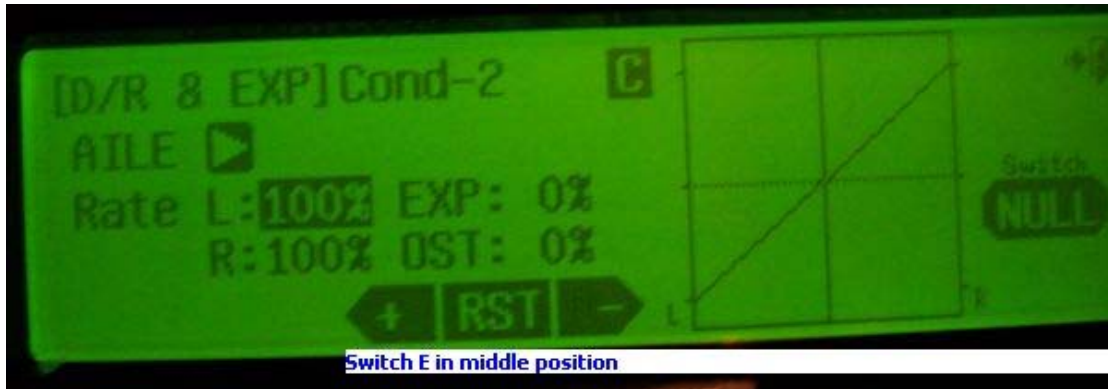
. Select switch E and change “ON” to the forward position return and Tap ”C” to change to “S”.

3. Enter settings > Model> P.Mixes>FLP2 > AILE >select. Move switch “E” to forward position.

. tap “Rate” and “+” to increase to 100% rate or as required for left & Right movement.

. Select switch E and change “ON” to the forward position return and Tap ”C” to change to “S”.





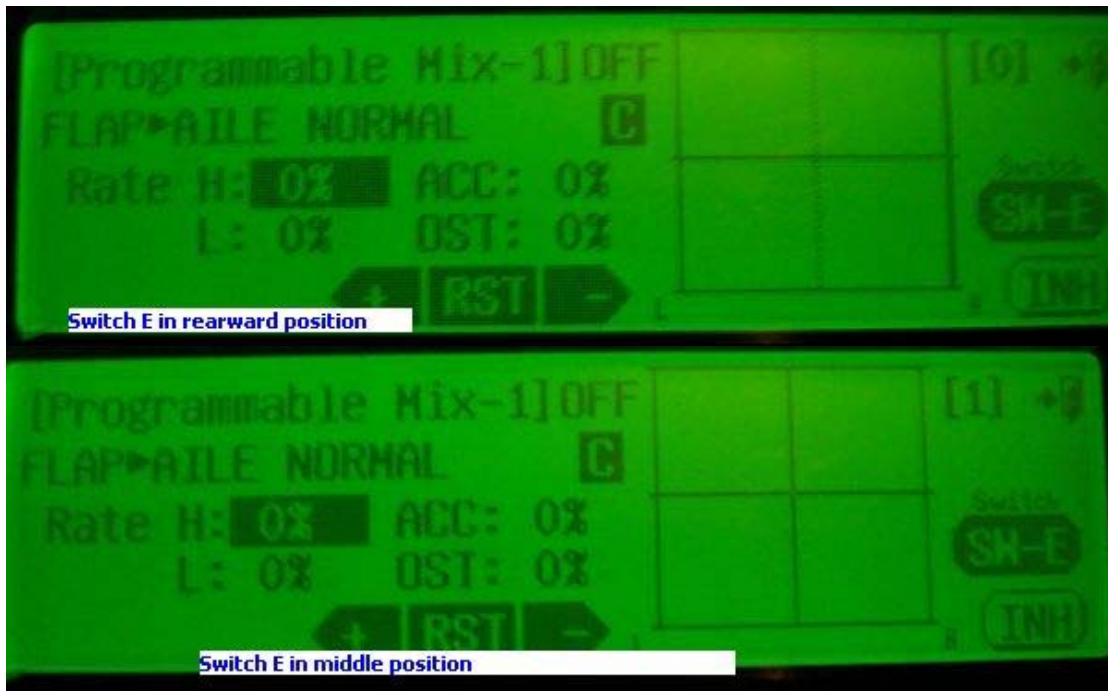
4. Enter settings > [S.Speed]

a) tap AILE to highlight L & R, use “+” to increase to 3.0 if slow speed required both going up and down or just “L” if slow down only.

b) tap AIL2 to highlight L & R, use “+” to increase to 3.0 if slow speed required both going up and down or just “L” if slow down only. Tap “C” to change to “S”.

c) Tap ½ to enter 2nd screen and select switch “E”. Tap “NORMAL” top left of screen to change to “[Cond-2]”

5. Enter [Cond-2] and set Speed : 3.0



[Programmable Mix-1] ON [2] +3
 FLAP→AIL Cond-2 [S]
 Rate H: +100% ACC: 0%
 L: 100% OST: 0%



Switch [STEP] [INH]


[+ RST -]

Switch E in forward position

[Programmable Mixes] [Select] +3

1. FLAP→AIL	5. INH
2. FLP2→AIL2	6. INH
3. INH	7. INH
4. INH	8. INH

[Programmable Mix-2] OFF [10] +3
 FLP2→AIL2 NORMAL [N]
 Rate H: 0% ACC: 0%
 L: 0% OST: 0%




Switch [STEP] [INH]

[+ RST -]

Switch E in rearward position

[Programmable Mix-2] OFF [1] +3
 FLP2→AIL2 NORMAL [N]
 Rate H: 0% ACC: 0%
 L: 0% OST: 0%



Switch [STEP] [INH]

[+ RST -]

Switch E in middle position

[Programmable Mix-2] ON [2] +3
 FLP2→AIL2 Cond-2 [S]
 Rate H: +100% ACC: 0%
 L: 100% OST: 0%



Switch [STEP] [INH]

[+ RST -]

Switch E in forward position



Controls then operate as understood for Scale Beaver
Double check EPA's to ensure full flap does not bind aileron servos.

Aurora A9, Spectra Pro & Optima
- FAQ & Undocumented Features - Mixes, Setups, Tips.
<http://www.rcgroups.com/forums/showthread.php?t=1141715>

Regards
Alan Tong

Alan's Hobby, Model & RC FAQ Web Links
<http://homepages.ihug.co.nz/~atong>