

SD-10G AERO

Procedure to obtain DUAL AILERONS in each wing of a BIPLANE model, with FLIGHT MODE switch activated FLAPERON action on only the lower wing, using the **SC-10G** transmitter.

Select **SYSTEM**. Press **ENTER**. Scroll to **TYPE (#05)**. Press **ENTER**.

Use the Navigation Pad with the YES/+ and NO/- keys to make the following assignments.

Wing >Normal, Ail >2, Flap >1, Tail >Normal, TH >1. Press the **END** key.

Scroll down to **CHANNEL ASSIGN (#12)**. Press **ENTER**.

Using the Navigation Pad with the YES/+ and NO/- keys make the following channel assignments.

01 >EL, 02 >LA, 03 >TH, 04 >RU, 05 >GE 06 >RA, 07 >A1, 08 >A2, 09 >A3, 10 >A3

Press the **END** key.

Scroll down to **SWITCH ASSIGN (#13)**. Press **ENTER**.

Make the following assignments:

F-Mode 1 >11 >OR >---; F-Mode 2 >10 >OR >---; FLAP 1 >11 >OR ---;

C-MIX 1 >11 >OR >12; C-MIX 2 >11 >OR >12; C-MIX 3 >10 >OR >---;

C-MIX 4 >10 >OR ---. Press **END** key twice.

Select **F-MODE**. Press **ENTER**. Scroll down to **MIXING (#17)**. Press **ENTER**.

Select **FLAPERON (#01)**. Press **ENTER**. Turn ON switch #12

Use Navigation Pad, YES/+ and NO/- keys to make display read:

COMMON >COM

ACT/INH >ACT

FL>LA >100% Polarity determines direction of servo throw.

FL>RA >100%

Turn ON switch #11 and make display read:

COMMON >SEP

ACT/INH >ACT

FL>LA >100%

FL>RA >100% Press **END** twice.

Scroll Down to **VR ASSIGN (#19)**. Press **ENTER**. Set as follows:

COMMON >COM

FLAP 1 >---

AUX 1 >---

AUX 2 >---

AUX 3 >---

AUX 4 >--- Press **END** key.

Scroll to **C-MIX (#18)**. Press **ENTER**. Switch #12 is ON. Make F-MODE (N) display read:

C-MIX 1

COMMON >SEP

MASTER >RA+

SLAVE >AUX 1

POINT 1 >-100%

POINT 9 >+100%

C-MIX 2

COMMON >SEP

MASTER >LA

SLAVE >AUX 2

POINT 1 >-100%

POINT 2 >+100%

Turn ON Switch #10. Select C-MIX 1 Set it to the same values and agrees with C-MIX 1, when switch #12 is ON

Select C-MIX 2. Set it to the same values and agrees with C-MIX 2, when switch #12 is ON.

Press the **END** key.

NOTE: All of the above values are trial values. Fine tune and set up servo throws, reversing and EPA's as necessary. Compensation Mixer values determine the servo throws for upper wing servos, Channels #7 and #8. Channels #2 and #6 are the lower wing servos..

With Switch #12 ON, all Aileron servos operate together.

With Switch #11 ON, all Aileron servos operate together and Aileron Channels #2 and #6 deflect down as controlled by the values and polarity selected in the FLAPERON Mixer.

With Switch #10 ON, all Aileron servos operate together. This is a safety setup so there are four ailerons operating in case you throw the Flight Mode switch #11 to far.

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