Control throws

Please, follow carefully the recommended linkage setups:

- For the AILERON we recommend the following throws:
  High rate: *40° left & right*
  Normal flight: **D/R:** 20% **Expo:** 15%
  Snap: **D/R:** 100% **Expo:** 90%
  Spin & 3D: **D/R:** 100% **Expo:** 90%

- For the ELEVATOR we recommend the following throws:
  High rate: *40° up & down*
  Normal flight: **D/R:** 30% **Expo:** 30%
  Snap: **D/R:** 40% **Expo:** 50%
  Spin & 3D: **D/R:** 100% **Expo:** 95%

- For the RUDDER we recommend the following throws:
  High rate: *40° left & right*
  Normal flight: **D/R:** 40% **Expo:** 60%
  Snap: **D/R:** 50% **Expo:** 70%
  Spin & 3D: **D/R:** 100% **Expo:** 90%

Note: the **Expo** is (**+**) for JR systems, and (**–**) for Futaba systems.

Mixing

For best performance, we recommend a linear-mix*:

Rudder → Elevator UP

When you give full rudder to the right or left side, the elevator have to go up (positive) approx. 4%

Rudder → Ailerons

When you give full rudder to right the ailerons need to go left approx. 2%
When you give full rudder to left the ailerons need to go right approx. 2%
* if you have a programmable computer radio.

NOTE: Elevator trim

For a vertical straight downline the elevators need to be trimmed down (negative) 2 or 3mm: that is NORMAL.

Recommended CG

The recommended **Center of Gravity** location is **110mm** behind the leading edge of top wing.

- **100mm** is good for pattern flying.
- **120mm** is good for pattern & 3D flying.