

# CARBON-Z™ YAK 54

## Advanced Settings



This sheet is an addition to the Carbon-Z Yak 54 manual. Read the entire manual before making use of the contents of this sheet. **The settings contained herein are only intended for advanced pilots. It is not intended for intermediate pilots.**

Quique Somenzini developed the following advanced radio settings for you to experience the full capability of the Carbon-Z Yak 54.

The settings are a starting point and may vary between pilots. Refer to the settings for 3 flight modes if you do not have a transmitter with 4 or more flight modes available.

**Note:** The + and - values shown below applies to JR and SPM radios

3 Flight Modes				
			Used For:	Maneuvers
<b>Mode 1</b>	<b>Dual Rate</b>	<b>Expo</b>	Slow/ Precision Flight	Knife-edge pass
<b>Aileron</b>	50%	40%		Spins
<b>Elevator</b>	30%	30%		Landing
<b>Rudder</b>	100%	50%		
<b>Mode 2</b>	<b>Dual Rate</b>	<b>Expo</b>	Precision flying	
<b>Aileron</b>	50%	40%		Rolls
<b>Elevator</b>	18%	25%		Rolling circles Snap rolls
<b>Rudder</b>	35%	10%		Loops
				Any combination of Flight Mode #2 maneuvers
<b>Mode 3</b>	<b>Dual Rate</b>	<b>Expo</b>	3D Flying	Waterfalls
<b>Aileron</b>	100%	55%		Torque rolls
<b>Elevator</b>	100%	50%		Harriers
<b>Rudder</b>	100%	50%		Flat spins etc.

4 or More Flight Modes				
			Used For:	Maneuvers
<b>Mode 1</b>	<b>Dual Rate</b>	<b>Expo</b>	Slow Flight	Landings
<b>Aileron</b>	50%	+40%		Spins
<b>Elevator</b>	30%	+30%		
<b>Rudder</b>	100%	+50%		
<b>Mode 2</b>	<b>Dual Rate</b>	<b>Expo</b>	Precision flying	
<b>Aileron</b>	50%	+40%		Rolls
<b>Elevator</b>	18%	+25%		Snap rolls
<b>Rudder</b>	35%	+10%		Loops
				Any combination of Flight Mode #2 maneuvers
<b>Mode 3</b>	<b>Dual Rate</b>	<b>Expo</b>	Precision Flying	Stall turns
<b>Aileron</b>	50%	+40%		Knife-edge loops
<b>Elevator</b>	18%	+25%		Knife-edge pass
<b>Rudder</b>	80%	+35%		Rolling circle
<b>Mode 4</b>	<b>Dual Rate</b>	<b>Expo</b>	3D flying	Waterfalls
<b>Aileron</b>	100%	+55%		Torque rolls
<b>Elevator</b>	100%	+50%		Harriers
<b>Rudder</b>	100%	+50%		Flat spins etc.

Rudder to Elevator Mix:		
	Position	%
<b>Point-L</b>	0	-2
<b>Point-1</b>	23	-2
<b>Point-2</b>	37	-2
<b>Point-3</b>	50	0
<b>Point-4</b>	63	-1
<b>Point-5</b>	76	-2
<b>Point-H</b>	100	-3

Trim Rate	
Throttle	100%
Aileron	2%
Elevator	2%
Rudder	2%