

Technical drawing of the EXTRA NG 49 aircraft, showing side and top views with dimensions.

Side View Dimensions:

- Wing span: 1116
- Wing height (tip to root): 338
- Wing height (tip to fuselage): 342

Top View Dimensions:

- Wing span: 1245
- Wing height (tip to fuselage): 317
- Wing height (tip to fuselage): 175
- Fuselage width (tip to fuselage): 282
- Fuselage width (tip to fuselage): 151
- Fuselage width (tip to fuselage): 515

EXTRA NG 49"

- Wing tube : 13mm×530mm
- Main wing incidence : 0 deg
- Stab incidence : 0 deg
- Right thrust : 3 deg
- Up/Down thrust : 0 deg

WingSpan: 49"
Length: 49"
Wing area: 488 sq. in.

Spinner: 57mm
Weight: 48-52 oz.

CENTER OF GRAVITY RANGE:

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Center of wing tube for maiden, sport and precision flight.
Balance by the knobs of the wing latches for 3D flight.

CONTROL SETTINGS:

Elevator: Low Rate 8-10 deg. 15-20% expo
High Rate 50 deg. 60-65% expo
Aileron: Low Rate 15-20 deg. 40-45% expo
High Rate 36 degrees up, 35 degrees down 70-75% expo
Rudder: Low Rate 20 deg 40-45% expo
High Rate 55 deg. 80-90% expo

POWER SYSTEM:

T-Motor/T-Hobby AM480 900KV Version C	4S 2200 - 2700mAh LiPo, 250-300g
T-Motor/T-Hobby AM480 600KV Version C	6S 1800 - 2200mAh Lipo, 290-350g
T-Motor/T-Hobby 13x6.5 prop	
T-Motor/T-Hobby AM66 ESC	

SERVOS:

4 x EF/Theta 921
4 x Micro 25T Arms

SERVO EXTENSIONS:

2 x Extreme Flight 18" 28AWG (Elevators and Rudder)
2 x Extreme Flight 3" 28AWG (Rx to Ailerons)

COVERING:

Oracover colors

Ultracote colors

Blue scheme:

Blue 50
Silver 91
White 10
Black 71

Deep Blue HANU873
Silver HANU881
White HANU870
Black HANU874

Red scheme:

Red scheme:
Ferrari Red 23
Silver 91
White 10
Black 71

True Red HANU866
Silver HANU881
White HANU870
Black HANU874

Pink scheme:

Pink 24
Silver 91
White 10
Black 71

Deep Pink HANU867
Silver HANU881
White HANU870
Black HANU874

~~EXTREME~~ FLIGHT