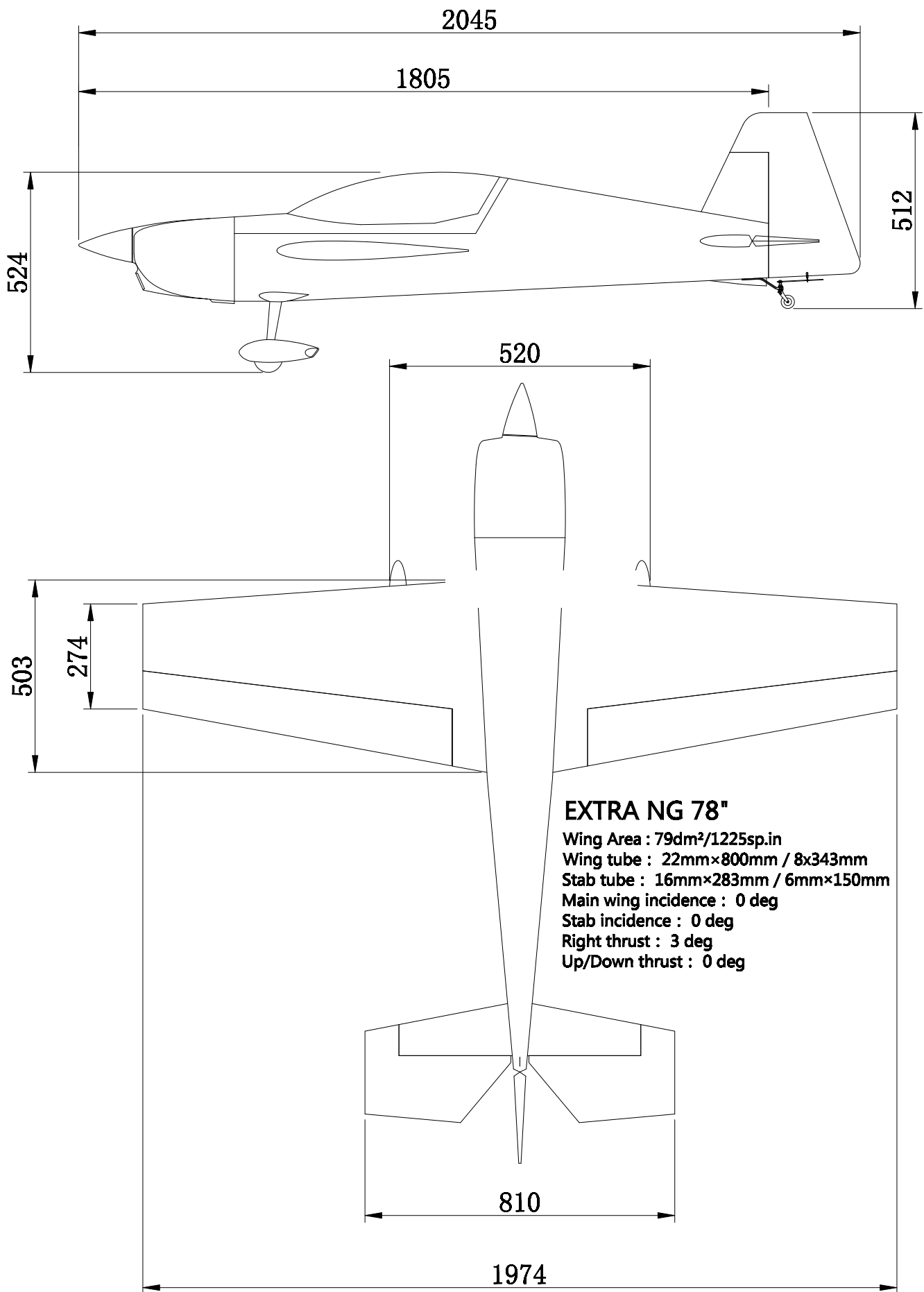


# EXTRA NG 78"

35-38CC / 12S



## SPECS

WingSpan: 78"  
 Length: 80.5"  
 Wing area: 1225 sq. in.

Spinner: 3.5"  
 Weight: gas 12.5-13.5

**Center of Gravity:** For sport/precision flying, balance on the wing tube, adjust to preference.  
 For 3D/XA flight, balance on the rear edge of the wing tube, to 3/4" behind wing tube, adjust to preference.

**Control settings:**

**Elevator:** Low Rate 8-10 deg. 15-20% expo  
 3D Rate 45-50 deg. 60-65% expo  
 XA/Tumbling rate 60+ deg. 65-70% expo

**Aileron:** Low Rate 15-20 deg. 40-45% expo  
 High Rate 38-40 deg. 70-75% expo

**Rudder:** Low Rate 20 deg 40-45% expo  
 High Rate 45-50 deg. 80-90% expo

**Power system:**

GAS  
 Desert Aircraft DA 35 Prop: Carbon gas 20 x 8  
 Great Power GP-38 Prop: Carbon gas 20 x 8, 20 x 9  
 FlowMaster 14 oz. fuel tank  
 1" drop DA-35 Header for either engine  
 MTW TD45H canister  
 KS1050 tuned pipe

**ELECTRIC**

Motor: Xpwr 40cc  
 Standoffs: Blazing Star standoffs  
 ESC: Castle Creations HV-120 Edge ESC (Must Use Firmware v 4.22)  
 Battery: Two 6S 3700-4400 mAh batteries in series (12S)  
 Prop: XOAR 22x10 electric

**Servos:**

Qty. 5 full size, metal gear hi-torque servos SAVOX 1270 recommended  
 Qty. 1 throttle servo

Qty. 2 Extreme Flight 1.5 inch single servo arms (tapped 3mm) for ailerons  
 Qty. 2 Extreme Flight 1.5 inch single servo arms (tapped 3mm) for elevators  
 QTY 1 Extreme Flight 3 inch double-sided arm for rudder

**Servo Extensions:**

Qty. 4 Extreme Flight 20 AWG 6 inch for Rx to Ailerons and Rx to elevator extensions  
 Qty. 2 Extreme Flight 20 AWG 12 inch for Ailerons  
 Qty. 1 Extreme Flight 20 AWG 18 inch for Throttle servo  
 Qty. 2 Extreme Flight 20 AWG 36 inch for Elevators  
 QTY 1 Extreme Flight 20 AWG 36 inch for rear rudder (not needed for forward rudder)

**COVERING:**

**Blue/White Scheme**

Oracover colors	Ultracote colors	RAL Paint Code (if available)
Pearl Charcoal #77	Pearl Charcoal #HANU846	N/A
Pearl Blue #57	Pearl Blue #HANU845	N/A
Dark Blue #52	Midnight Blue #HANU885	RAL5013
Cub Yellow #30	Cub Yellow #HANU884	RAL1003
Silver #91	Silver #HANU881	N/A
White #10	White #HANU870	RAL9010

**Red/Silver Scheme**

Oracover colors	Ultracote colors	RAL Paint Code (if available)
Pearl Charcoal #77	Pearl Charcoal #HANU846	N/A
Silver #91	Silver #HANU881	N/A
White #10	White #HANU870	RAL9010
Black #71	Black #HANU874	N/A
Ferrari Red #23	True Red #HANU 866	RAL3000

*EXTREME FLIGHT* X