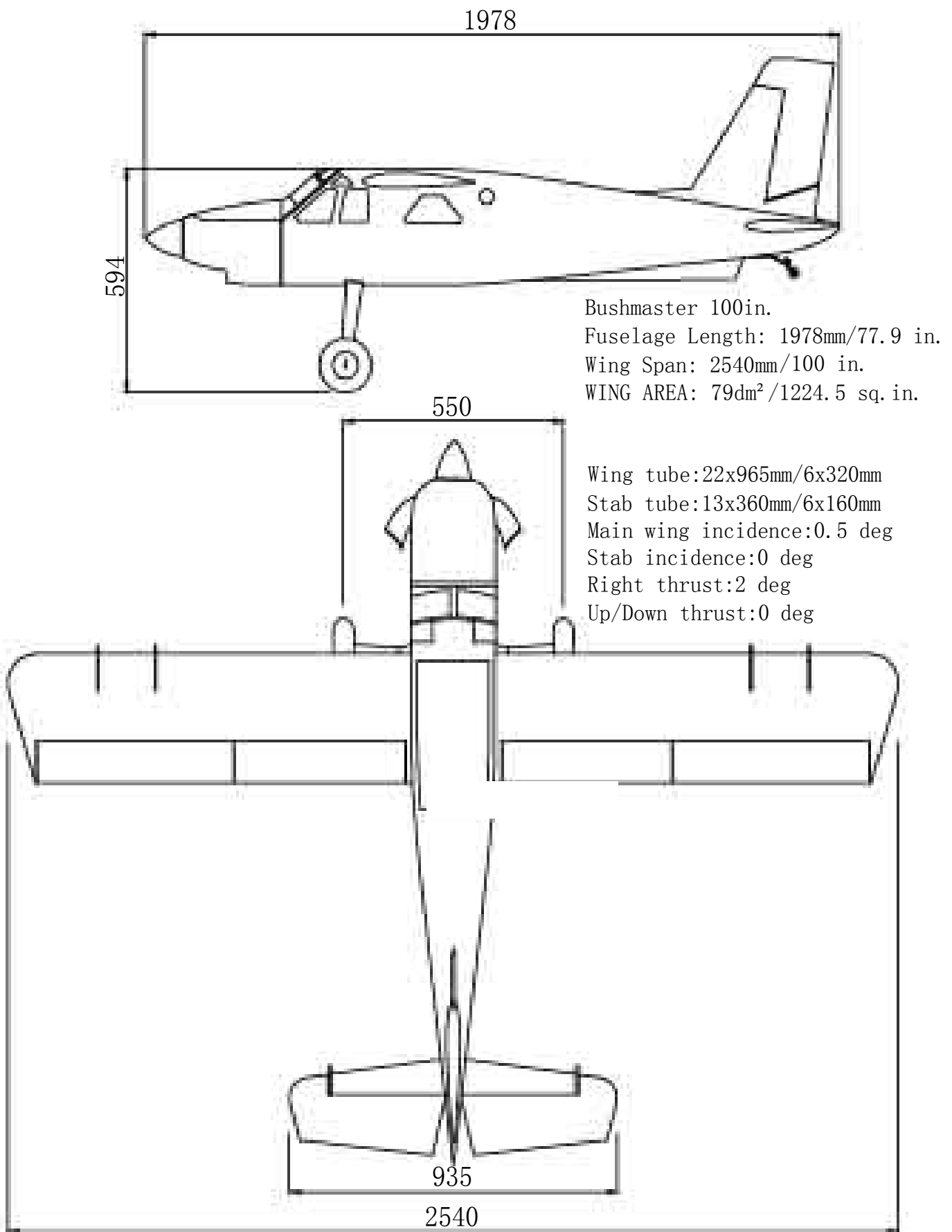


100" TURBO BUSHMASTER 35-38CC / 12S



SPECS

WingSpan: 100"
Length: 78"
Wing area: 1224 sq. in.
Center of Gravity Range (Measured from wing leading edge at root): 3.3-4.25" (89-108mm)
Our preferred CG is center of the wing tube.

Spinner: 3.5"
Weight: 16 lbs (elec, no lipo)

Control settings:

Elevator: Low Rate 8-10 deg. 15-20% expo
3D Rate 45 deg. 60-70% expo

Aileron: Low Rate 15-20 deg. 20-30% expo
High Rate 38-40 deg. 60-70% expo (For best roll rate, mix flaps to ailerons)

Rudder: Low Rate 20 deg 40-45% expo
High Rate 45 deg. 70-80% expo

Flaps: 40 degrees full deflection with 5% down elevator mix at full deflection

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

ELECTRIC

Motor: Xpwr 35cc or 40cc
Standoffs: Blazing Star Standard Extra Long Standoff Set
ESC: Castle Creations HV-120 Edge ESC (Must Use Firmware v 4.22) or Scorpion Tribunus II 130A
Battery: Two 6S 3300-4000 mAh batteries in series (12S) for XPWR 35, or 4000-5000mah for 40cc
Prop: 21x10 electric for 35cc or 22x10 for 40cc

Servos:

Qty. 7 full size, metal gear hi-torque servos (300 oz/in minimum). MKS HV-1220 or better
Qty. 1 throttle servo, MKS HV-1250 recommended.

Qty. 4 Extreme Flight 1.5 inch single servo arms (tapped 3mm) for ailerons
Qty. 3 Extreme Flight 1.5 inch single servo arms (tapped for 3mm) for elevators and rudder

QTY 1 Metal gear mini servo for tailwheel w/ Extreme Flight mini servo arm 1.25"

Servo Extensions:

Qty. 4 Extreme Flight 20 AWG 6 inch for Rx to Ailerons
Qty. 2 Extreme Flight 20 AWG 12 inch for Ailerons
Qty. 1 Extreme Flight 20 AWG 18 inch for Throttle servo
Qty. 4 Extreme Flight 20 AWG 36 inch for Elevators, rudder, and tail wheel

Covering:

Oracover colors

White/Red/Black/Charcoal/Silver color scheme:

Ferrari Red #23
White #10
Silver #91
Black #71
Pearl Charcoal #77

Ultracote colors

True Red-#HANU866
White-# HANU870
Silver-#HANU881
Black-#HANU874
Pearl Charcoal-#HANU846

White/Midnight Blue/Cub Yellow color scheme:

Cub Yellow #30
Dark Blue #52
White #10

Cub Yellow-#HANU884
Midnight Blue- # HANU885
White-# HANU870

EXTREME FLIGHT X