

AJ Aircraft 51" Slick 540 Data Sheet

Contents of Kit

- 51" AJ Slick 540 fuselage reinforced with exclusive Carbon-Kevlar technology
- Pre-hinged main wings
- Pre-hinged horizontal stabilizer
- Pre-hinged rudder
- Color matched, fastener free plastic canopy
- Color matched fiberglass cowl & wheel pants
- Carbon fiber wing tube
- Carbon fiber main gear
- Lightweight tailwheel
- Lightweight foam wheels and steel axles
- Matching set of side force generators
- Pre-drilled firewall with installed blind nuts
- Individual bags of high quality hardware

Recommended Equipment

- Motor – Power by AJ Aircraft:
 - 4S – AJ3910-24P/770KV
 - 5S – AJ3910-24P/660KV
 - 6S – AJ3910-24P/550KV
- Batteries:
 - 4S 2800 mAH LiPo
 - 5s 2200 mAH LiPo
 - 6S 1800 mAH LiPo
- ESC - Castle Talon 60A
- Propeller – Falcon 14x7, 15x6 (Electric ONLY)
- 5 Channel Full Range Receiver
- Four high torque mini servos
- 2" or 50mm Spinner
- Servo extensions:
 - (2) x 6" for ailerons
 - (1) x 18" for elevator
 - (1) x 18" for rudder (push/pull only)
- Servo Arms:
 - (2) x 1" for ailerons
 - (1) x 1" for elevators
 - (1) x 2.5" for pull/pull rudder or 1" for push/pull

Recommended Tools Needed for Assembly

- Blue Painters Tape
- Denatured Alcohol & Paper Towels
- Blue Loctite
- Metric & Standard Allen Wrenches
- Hobby Knife & Fresh Blades
- 15 – 30 Minute Epoxy (or Gorilla Glue)
- Thin C/A
- Electric Drill with Assorted Small Bits
- Small Flat Head & Phillips Screwdrivers
- Sanding Block & Sandpaper
- Needle Nose Pliers
- Adjustable Wrench or Socket Set
- Measuring Tape & Ruler
- Fine-tip Sharpie Marker

Recommended CG Range and Control Throws

- ✓ The optimal center of gravity (CG) for the 51" AJ Slick 540 is located ½" in front of the wing tube (+/- ½").
 - ✓ **Aileron Control Throws**
 - Low Rates – 15 deg. (30% Exp)
 - Mid Rates – 30 deg. (40% Exp)
 - High Rates – 45 deg. (50% Exp)
 - ✓ **Elevator Control Throws**
 - Low Rates– 20 deg. (30% Exp)
 - Mid Rates– 30 deg. (40% Exp)
 - High Rates – 45 deg. (50% Exp)
 - ✓ **Rudder Control Throws**
 - Low Rates– 15 deg. (30% Exp)
 - Mid Rates – 30 deg. (40% Exp)
 - High Rates – Max throw (50% Exp)