Super Stunts

Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wing Span</td>
<td>66.5 in / 1690 mm</td>
</tr>
<tr>
<td>Wing Area</td>
<td>882 sq in / 56.9 sq dm</td>
</tr>
<tr>
<td>Flying Weight</td>
<td>5.5 lbs / 2500 g</td>
</tr>
<tr>
<td>Fuselage Length</td>
<td>57.0 in / 1450 mm</td>
</tr>
</tbody>
</table>

*Specifications are subject to change without notice.*

Warning! This model is not a toy. It is designed for maximum performance. Please seek advice if one is not familiar with this kind of engine powered precision model. Operating this model without prior preparation may cause injuries. Remember, safety is the most important thing. Always keep this instruction manual at hand for quick reference.
BEFORE YOU BEGIN

1. Read through the manual before you begin, so you will have an overall idea of what to do.

2. Check all parts. If you find any defective or missing parts contact your local dealer. Please DRY FIT and check for defects for all parts that will require CA or Epoxy for final assembly. Any parts you find to be defective after the gluing process may be difficult to remove for warranty replacement. The manufacturer will replace any defective parts, but will not extend to the parts that are good before gluing to defective parts during assembly. Warranty will not cover any parts modified by customer.

3. Symbols used throughout this instruction manual comprise of the following:

   - **A+B**: Apply epoxy glue.
   - **C.A**: Apply instant glue (C.A. glue, super glue.)
   - **Apply thread locker**
   - **Ensure smooth non-binding movement while assembling.**
   - **Assemble left and right sides the same way.**
   - **Cut off shaded portion.**
   - **Peel off shaded portion covering film.**
   - **Must be purchased separately!**
   - **Drill holes with the specified diameter (here: 3mm).**
   - **Pierce the shaded portion covering film.**
   - **Pay close attention here!**
   - **Warning!** Do not overlook this symbol!
Parts List

1. MAIN WING -- 1 pair
2. SCREW PB2x12mm -- 4 pcs
   FUEL TUBE Ø6x5mm -- 4 pcs
   STRAPER PL4112102 -- 2 pcs
   CLEVIS (L) PL4112103 -- 2 pcs
   HORN (L) PL4113101 -- 2 sets
   PUSHROD Ø1.8x175mm w/ Threads (For Aileron) -- 2 pcs
3. WING JOINER 5.8x28.5x80mm -- 1 pc.
4. FUSELAGE -- 1 pc.
   STABILIZER & ELEVATOR -- 1 set
   Balsa (Fin Tip) 6x54.4x223.5mm -- 1 pc.
5. VERTICAL FIN & RUDDER -- 1 set
6. FUEL TANK 320cc PL1111320 -- 1 set
   CABLE TIE 1.5x5x400mm -- 1 pc.
   DOUBLE-SIDED 40x100mm -- 1 pc.
7. SOCKET HEAD SCREW M4x25mm -- 4 pcs
   WASHER d4xD9mm -- 4 pcs
   ENGINE MOUNT PL5111050 -- 1 set
8. FRONT LANDING GEAR -- 1 set
   FRONT WHEEL Ø65mm -- 1 pc.
   COLLAR Ø4.1mm w/ set screw -- 2 sets
   STEERING ARM Ø4.1mm w/ set screw -- 1 set
   FRONT WHEEL PUSHWIRE Ø1.6x410mm -- 1 pc.
   PLASTIC TUBE d2.5xD4x340mm -- 1 pc.
   WOOD 7.5x7.5x18mm (For Front Landing Gears) -- 1 pc.
9. MAIN LANDING GEAR -- 1 set
   SCREW PA3x12mm -- 4 pcs
   MOUNTING PLATE 12x20mm -- 2 pcs
10. MAIN WHEEL Ø65mm -- 2 pcs
    COLLAR Ø4.1mm w/ set screw -- 4 sets
11. ALUMINUM PLATE 1mm -- 1 pc.
    SCREW PM2x10mm -- 4 pcs
    WASHER d2xD5mm -- 4 pcs
    M2 NUT -- 4 pcs
    SOCKET HEAD SCREW M3.5x30mm -- 4 pcs
    WASHER d3.5xD8mm -- 8 pcs
    M3.5 NUT -- 8 pcs

SPINNER Ø57mm PL2111057 -- 1 set
THROTTLE PUSHWIRE Ø1.2x340mm -- 1 pc.
PLASTIC TUBE d2xD3x180mm -- 1 pc.
12. SCREW PM2x16mm -- 2 pcs
    M2 NUT -- 2 pcs
    FUEL TUBE Ø6x5mm -- 2 pcs
    CLEVIS (L) PL4112102 -- 2 pcs
    HORN (Non-Base) (For Rudder) (L) PL4113101 -- 2 sets
    RIGGING COUPLER Ø1.8x27mm w/ Threads (For Rudder) -- 2 pcs
    COPPER TUBE d2.5xD3.2x8mm (For Rudder Servo) -- 2 pcs
    WIRE Ø1x860mm (For Rudder) -- 2 pcs
13. SCREW PB2x16mm -- 2 pcs
    FUEL TUBE Ø6x5mm -- 1 pc.
    HORN (L) PL4113101 -- 1 set
    CLEVIS (L) PL4112103 -- 1 pc.
    PUSHROD Ø1.8x760mm w/ Threads (For Elevator) -- 1 pc.
14. PLYWOOD 6x6x96.4mm (For Rudder Servo) -- 1 pc.
    Balsa 5x5x62mm (For Rudder Servo Stand) -- 2 pcs
    PLYWOOD 6x4x26mm (For Elevator Servo) -- 1 pc.
    Balsa 6x6x42mm (For Elevator Servo Stand) -- 2 pcs
    PLYWOOD 6x6x98.3mm (For Throttle Servo) -- 1 pc.
    Balsa 5x5x62mm (For Throttle Servo Stand) -- 2 pcs
15. LINKAGE CONNECTOR Ø2.1mm -- 2 sets
16. SPONGE 60x70x94mm (For Radio Equipment) -- 1 pc.
    STRAPER PL4112102 -- 1 pc.
    RIGGING Z BEND Ø1.8x27mm (For Rudder) -- 2 pcs
    COPPER TUBE d2.5xD3.2x8mm -- 2 pcs
    FUEL TUBE Ø6x5mm -- 1 pc.
17. SCREW HM4x35mm -- 2 pcs
    WASHER d4xD12mm -- 2 pcs
    PLYWOOD 3x30x97mm (Wing Protection) -- 1 pc.
18. DECALS: A095DEC -- 1 set

LIGHTEX:
- LIGHTEX SGX 100 WHITE
- LIGHTEX SGX 201 BLACK
- LIGHTEX SGX 311 FERRARI RED
- LIGHTEX SGX 330 CADMIUM YELLOW
- LIGHTEX SGX 351 DARK BLUE
1 Main Wing

- Apply instant type CA glue to both sides of each hinge.

2 Aileron & Flap Servos

- Ø1mm pilot holes for World Models horn are pre-drilled. Please look for pin-hole marks at under side of control surfaces.

3 Main Wing

- Please dry fit wing joiner into left and right wing to make sure they fit with the proper dihedral angle, mark the wing joiner if necessary. Apply epoxy glue to both sides of all surfaces in contact. Use a stick to apply the glue to inner side of wing joiner sleeve, and apply the glue to wing joiner before putting them together. Wing joiner not glued properly will lead to wing failure and plane crash.
4 **Stabilizer & Elevator**

- Apply instant type CA glue to both sides of each hinge.

Temporary install the main wing, adjust leveling of the stabilizer to make it as parallel to the main wing as possible.

5 **Vertical Fin & Rudder**

- Apply instant type CA glue to both sides of each hinge.
6 Fuel Tank

- Cable Tie 1.5x5x400mm
- Double-sided Tape 40x100mm

Completed

7 Engine Mount

- M4x25mm Socket Head Screw
- d4xD9mm Washer
- Engine Mount PL5111050

Apply thread locker to screws

Blind nuts are off-centered to keep the spinner at the fuselage axis.

8 Front Landing Gear

- 4.1mm Collar
- PLYWOOD 7.5 x 7.5 x 18mm
- 3mm Set Screw
9 Main Landing Gear

- **PA 3 x 12mm Screw**
  - 4
- Mounting Plate 12x20mm

10 Main Wheels

- **4.1mm Collar**
  - 4
- Wheel Ø65mm

11 Engine

- **PM 2x10mm Screw**
  - 4
- d2x5mm Washer
  - 4
- M3.5x30mm Socket Head Screw
  - 4
- d3.5xD8mm Washer
  - 8
- M2 Nut
  - 4
- M3.5 Nut
  - 8

- **Installed Engine Position**
  - Spinner Ø52mm
  - 118mm
  - 4.65 in.

- **Aluminum Plate 1mm**
- **M3.5x30mm Washer**
- **M2 Nut**
- PM 2x10mm
- **d2x5mm Washer**
**12 Pushrod Pushwire**

- Ø1mm pilot holes for World Models horn are pre-drilled. Please look for pin-hole marks at under side of control surfaces.

![Diagram of Pushrod Pushwire](image)

- PM2x16mm Screw: 2
- M2 Nut: 2

**13 Elevator Pushrod**

- Ø1mm pilot holes for World Models horn are pre-drilled. Please look for pin-hole marks at under side of control surfaces.

![Diagram of Elevator Pushrod](image)

- PB2x16mm Screw: 2

**14 Servos**

- Plywood 6x62x98.3mm
- Plywood 6x62x96.4mm
- Plywood 6x42x96mm
- Balsa 5x5x62mm
15 Servo Set

- 3 X 3mm Set Screw (2)
- Linkage Connector (2)
- 2mm Nut (2)
- 2mm Washer (4)

Please refer to attached sheet for linkage connector installation.

16 Radio Equipment

- Install and arrange the servo as shown in the diagram.
- Clamp the copper tube
- Throttle Servo
- Rudder Servo
- Elevator Servo
- Front Wheel Pushrod
- Elevator Pushrod
- Copper Tube d2.5xD3.2x8mm
- Fuel Tube Ø6x5mm
- Straper
- Charge Receptacles KP0041300

17 Main Wing

- HM4x35mm Screw (2)
- D4xD12mm Washer (2)
- 3x30x97mm Wing Protection
- 4mm  

A095PO25881103
18 Wing Setting

Adjust the wing and fuselage configuration as shown in the diagrams.

19 Control Throws

Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your personal preference.

20 C.G.

The ideal C.G. position is 105mm (4.13 in.) behind the leading edge measured at where the wing meets the fuselage. In order to obtain the C.G. specified, add weight to the fuselage or move the battery position. Check the C.G. before flying.
Important Safety Precautions

# First time flyer should never fly by himself / herself. Assistance from experienced flyer is absolutely necessary.

# Pre-flight adjustment must be done before flying, it is very dangerous to fly a badly pre-adjusted aircraft.

# SuperStunts is specially designed to be powered by 2C 0.40-0.46 engine, using a more powerful engine does not mean better performance. In fact, over powered engine may cause severe damage and injuries.

# Make sure the air field is spacious, never fly the plane too close to people and never get too close to a running propeller.

# If you find wrinkles on the covering as a result of weather changes, you can use hot iron to remove the wrinkles. Please begin with lower temperature setting and gradually raise the temperature until the wrinkles are gone. Too hot an iron may damage the covering. Don't use hot iron near the seams or edges, hot iron will melt the glue and shrink the covering at the same time, causing the seams to pull away.

# Check and re-tighten up all factory assembled screws, use thread locker if necessary.

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We would like to share with you any relevant information regarding your model, including product news and free upgrade parts when applicable. Please fill in the following and send to AirBorne Models, 4749-K,Bennett Drive, Livermore, CA 94551 USA.

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4. Model: ____________________________
   Wing QC# __________________ Fuselage QC# __________________
   (QC numbers are stamped on wing and fuselage)
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