



RAPID LASER-CUTTING KIT

BUILDING INSTRUCTION



ValuePlanes Laser-cutting kits

INTRODUCTION

RAPID IS A SMALL RACING AIRCRAFT, SMALL AND DELICATE, LIGHT AND EASY TO CARRY AND INSTALL. HIS "TEMPERAMENT" CAN RANGE FROM HARMLESS TO WILD SPEEDING AND TURNS. IN THE VERTICAL CLIMB, THE VISIBILITY IS QUICKLY REACHED DUE TO THE HIGH SPEED. FOR THE LANDING THE RASANT CAN MOVE SLOWLY "HOVERED".

IT'S VERY GOOD CHOICE FOR LEISURELY FLYING IN THE FAST-PACE LIFE.

PRODUCT LIST

Wood sheet pack*1 1:1 Plan*1 Batten sets Operation instruction*1
Connecting rods with tube *2 Fitting bag*1

FEATURES

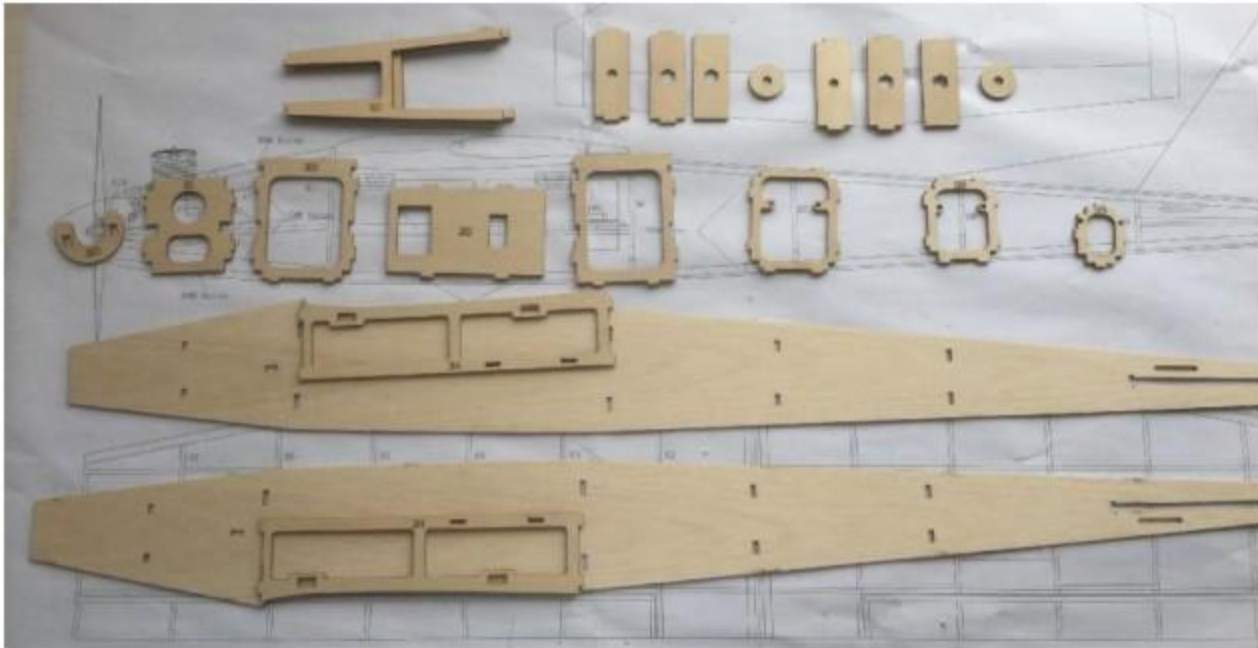
- Complete airframe KIT including linkage rods, rudder horns, hinges,all screws etc.
- Full balsa sheet cover for fuselage&wing.
- Extremely lightweight, state-of-the-art almost-balsa construction.
- Everything included to build the basic airframe of the model.
- Extensive clear full size planes and full-page colour instructions with building pictures.
- Only adhesives and coverings are required to complete the airframe.

SPECIFICATION

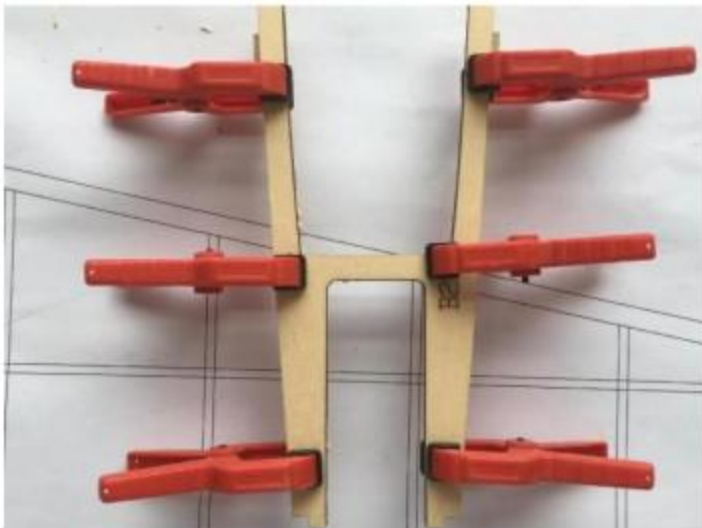
- Wingspan:935mm
- Length:950mm
- Flying weight:900g
- Servo: ≥ 9 g
- Prop.:9"
- Motor:2814 kv1200
- ESC:40A 3S/2200mAh

BUILDING INSTRUCTION

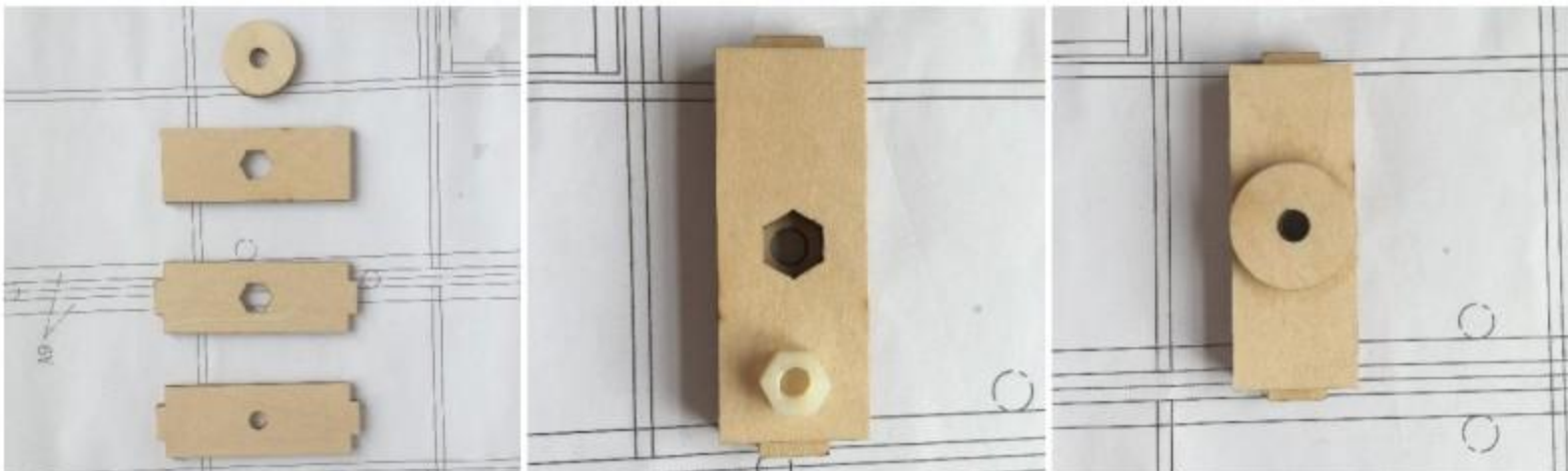
Fuselage laser-cutting assembly.



1. Glue the two engine mounts together.



2. Fasten the wing retainer from left to right in sequence with fixed nut placed in center.



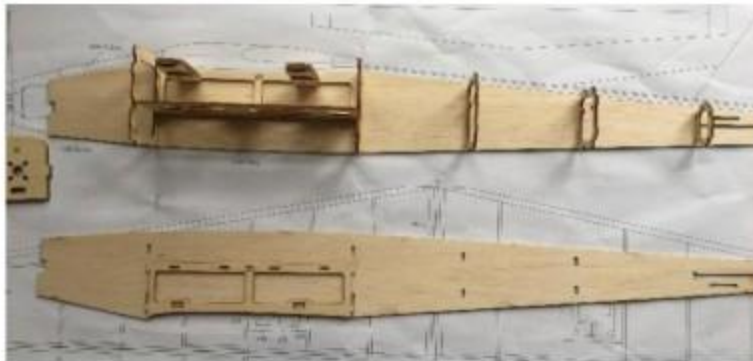
3. Paste two engine mounts together.



4. Stick B3 to the fuselage side plates.



5. Combine and paste the parts according to the plan, and Install the PVC tube for pull-pull steel wires .



6. Paste 5MM balsa wood sheets to increase the strength of the head.



7. Paste balsa canopy and polish it.



8. Make the battery hatch cover with 8MM balsa sheets.



9. Mark the hatch cover at the corresponding position with the magnet fixing plate, drill a 4MM bit and fix the magnet to the hatch cover.



10. Install the magnet retaining plate into the fuselage.



11.The leading end of hatch cover is fixed with a 1.6mm steel wire bolt and pasted.

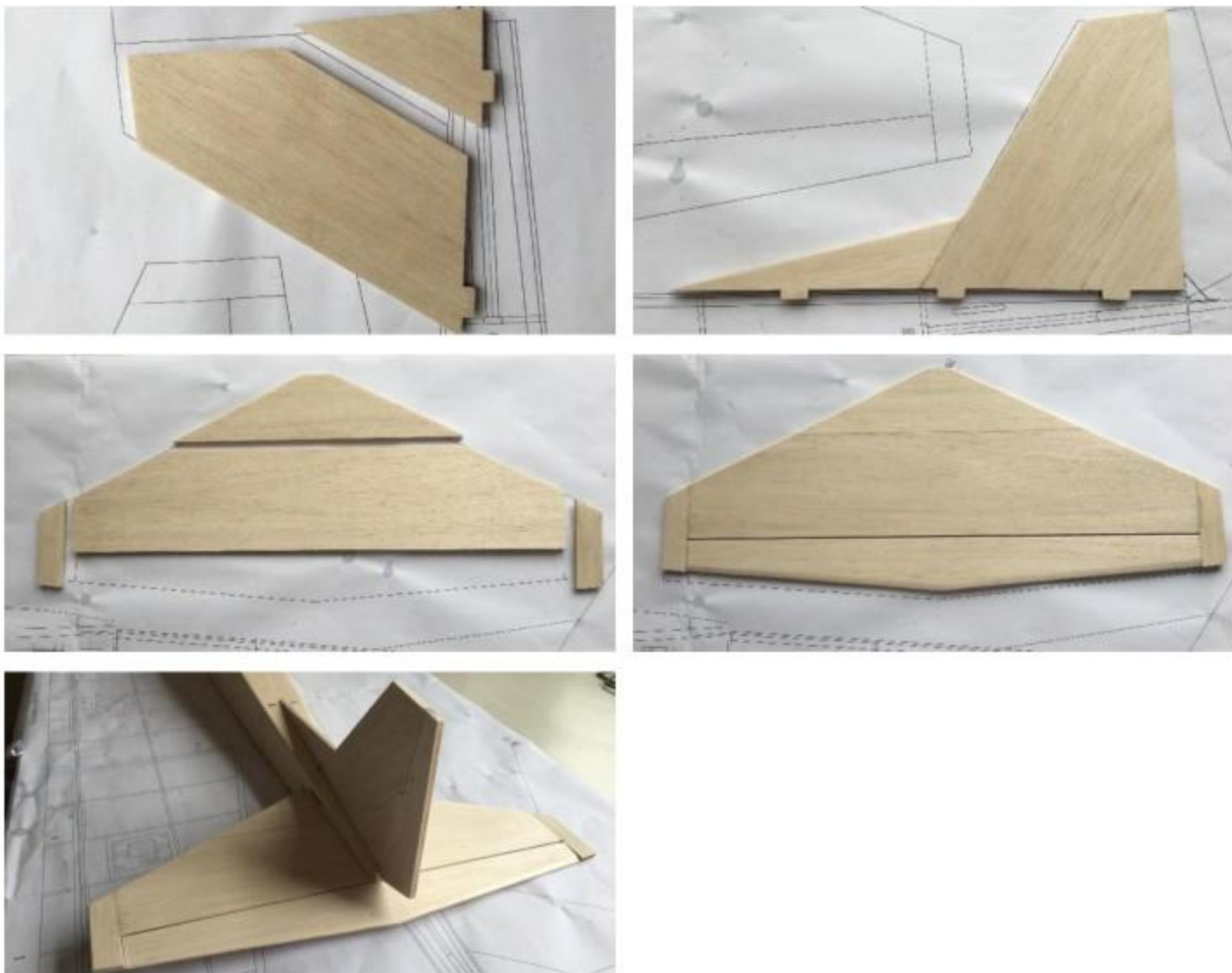


12.Drill a hole in the corresponding position of the motor mount and fix the hatch cover.



The tail laser-cutting assembly.

Combine and glue the cut tail components according to the full size plan.



The wing assembly.

1. Paste balsa cover for wings according to the plan.



2. Splice 2MM balsa sticks.



3. Build the wing ribs according to the plan.



4. Paste the servo mounts to the wing ribs.



5. Paste the bottom cover of the wings.



6. Cut out the opening at servos plate position and stick the servo stiffening plates.



7. Paste the balsa stiffeners in the middle of the wing.



8. Mark the location of the wing holding holes.



9. Drill the servos threading hole on the cover, and reserve the servo line for easy traction.



10. Paste the upper cover of the wing.



11.8MM balsa sticks were glued to the leading edge of the wing.



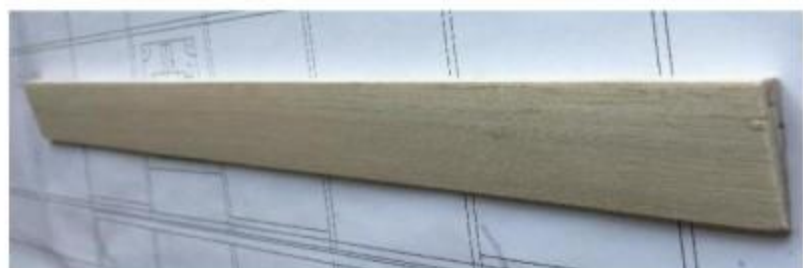
12. Polish the leading edge of the wing.



13. Remove excess leading edge according to the plan.



14. Paste aileron parts according to the plan.



15. Polish the leading edge of ailerons.



16. Assembly of servo mounts.

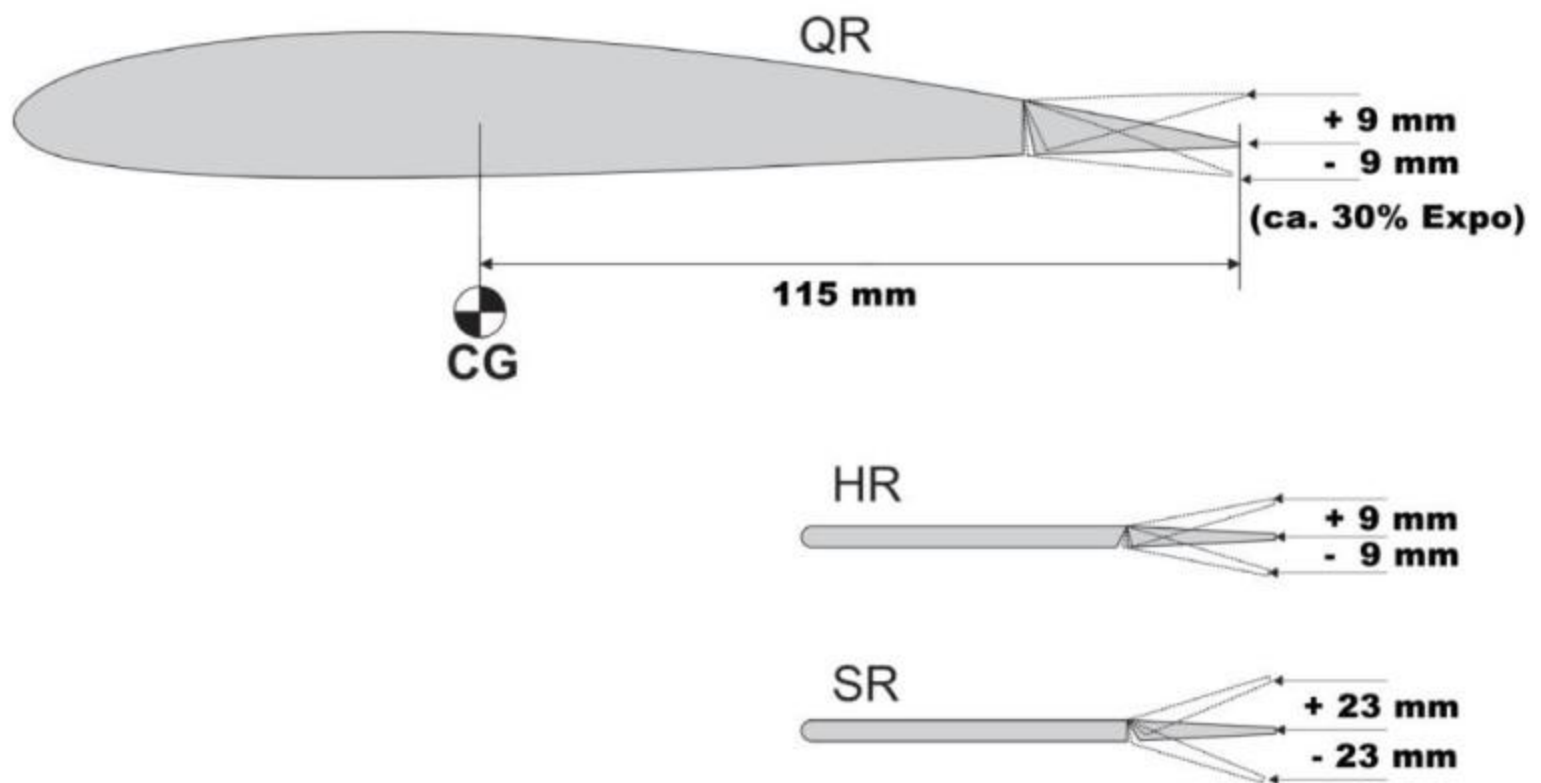


17. The assembly of the wings has been completed.





Position of center of gravity & Setting of rudder surface







Address : No.30, 4th Rd. Linji Community Yingzhong Town
Zhongxiang 431900 CN.

Sales: sales@valueplanes.com

Tech: tech@valueplanes.com

Tel: 0086 18608628766