Before start , please carefully read the explanations!

Super galeb G-4 ARF

Length:	2372mm/93in
Wing Span:	1751mm/69in
Flying Weight:	25lbs (~11.5kg)
Turbine:	10-12 kg turbine
Radio:	Min. 9 Servos required

C.G: **210**mm from the leading edge of wing root.

INSTRUCTION MANUAL

SAFETY PRECAUTIONS

This R/C airplane is not a toy!

(The people under 18 years old is forbidden from flying this model)

First-time builders should seek advice from people having building experience.If misused or abused,it can cause serious bodily injury and damage to property.

Fly only in open areas and preferably at a dedicated R/C flying site. We suggest having a qualified instructor carefully inspect your airplane before its first flight.Please carefully read and follow all instructions included with this airplane,your radio control system and any other components purchased separately.

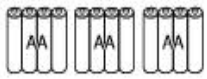
REQUIRED FOR OPERATION (Purchase separately!)

CAUTION: For details concerning the equipment listed below (size, maker, etc.), check with your hobby shop.

1 A minimum 6 channel radio for airplanes (with 8 servos), and dry batteries.

CAUTION: Only use a minimum 6 channel radio for airplanes! (No other radio may be used!)
6 channel radio for aiplane is highly recommended for this model.

12 AA-size Batteries



A minimum 6 channel transmitter for airplanes.

For handling the radio properly, refer to its instruction manual.

2 Engine and Muffler

Model Airplane Engine 10-12KG Turbine

3

Sponge Sheet

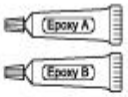
Gasoline tube

Fuel Filter

4 Glue

Instant Glue

Epoxy Glue



5 Optional electric retract set

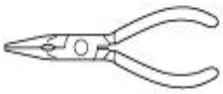
TOOLS REQUIRED (Purchase separately!)

Sharp Hobby Knife

Phillips Screw Driver (l, m, s)

Awl

Needle Nose Pliers



Wire Cutters

Scissors

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.

3 Symbols used throughout this instruction manual, comprise:

4 We strongly recommen you use the thread lock for all the screws when you build your model.

Do not overlook this Symbol!

A B Apply epoxy glue.

2mm Drill holes with the specified diameter (2mm).

Cut off excess.

Pay close attention here!

L R Assemble left and right sides the same way.

CA Apply instant glue (CA glue, super glue).

Cut off shade portion.

Ensure smooth non-binding movement while assembling.

X Must be purchased separately!

G4 Accessories list

Horn 1 ---------- 6

Horn 2 ---------- 6

Horn 3 (2mm) ---------- 2

Horn 4 ---------- 2

Horn 5 ---------- 2

Push rod 1 (65x2mm) ---------- 2

Push rod 2 (55x2mm) ---------- 2

Push rod 3 (100x2mm) ---------- 1

Rod 4 (2X200mm) ---------- 2

Rod 5 (2X250mm) ---------- 2

Rod 6 (28x2mm) ---------- 1

Clevis (2mm) ---------- 18

Locknut (2mm) ---------- 18

Screws (2x12mm) ---------- 18

Retainer ---------- 4

Pivot & round hinge (5x68mm) ---------- 3

Pin hinge ---------- 4

Plastic casing 1 (12x23) ---------- 2

Plastic casing 2 (12x5) ---------- 2

Screw (3x25mm) ---------- 2

Screw (2x14mm) ---------- 8

TP Screw (3x14mm) ---------- 12

TP Screw (2x8mm) ---------- 24

Screw (3x12mm) ---------- 8

Bush (3x8mm) ---------- 20

Bush (2X6mm) ---------- 8

L bracket ---------- 2

3mm ply (12x20mm) ---------- 4

Fuel tank ---------- 1

Alu wing tube (20x886mm) ---------- 1

Vertical tube (14x273mm) ---------- 1

Screw (4x25mm) ---------- 5

4mm bush ---------- 5

Screw (3x8mm) ---------- 4

L Alu bracket (25x20x3) ---------- 8

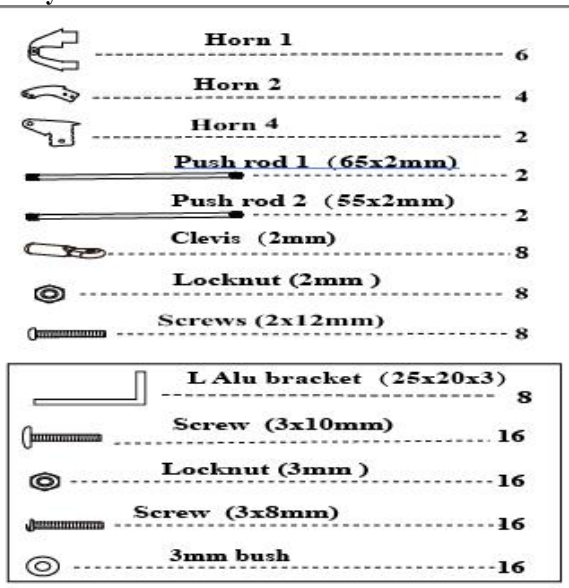
Screw (3x10mm) ---------- 16

Locknut (3mm) ---------- 16

Screw (3x8mm) ---------- 16

3mm bush ---------- 16

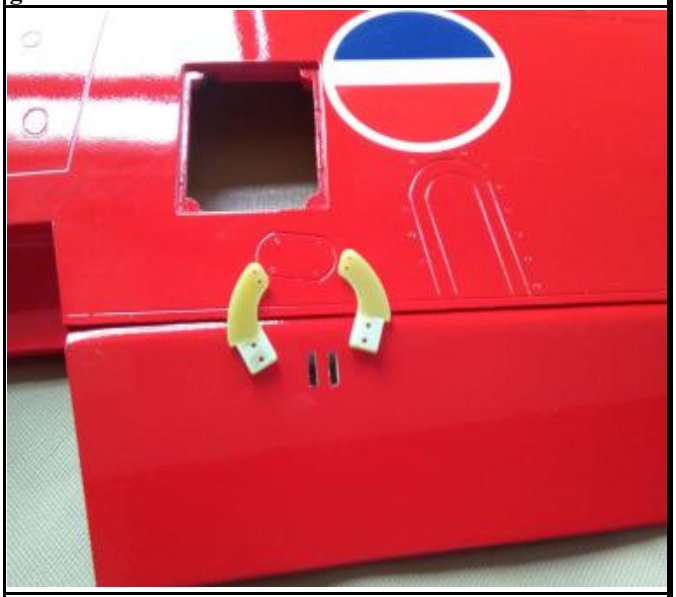
Accessory list for the installation of aileron.



1. Sanding the fiber horns.

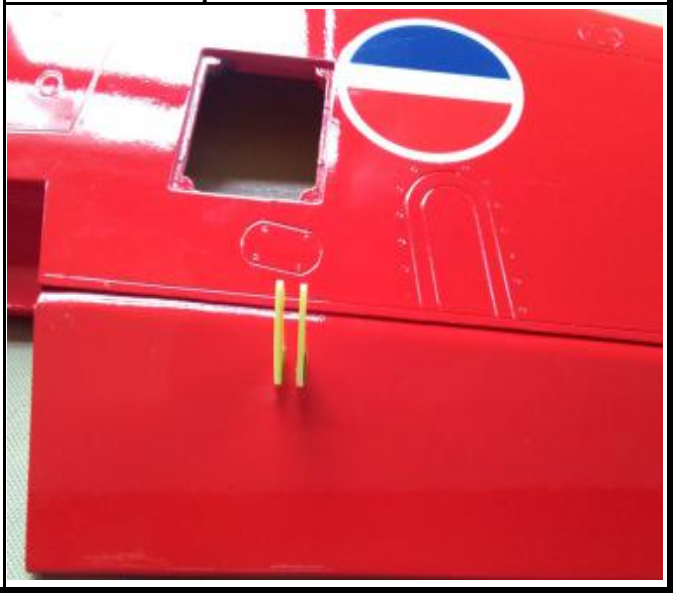
2. Sanding the fiber horns.

3. Fix the fiber horns to the slots in the aileron with epoxy glue.



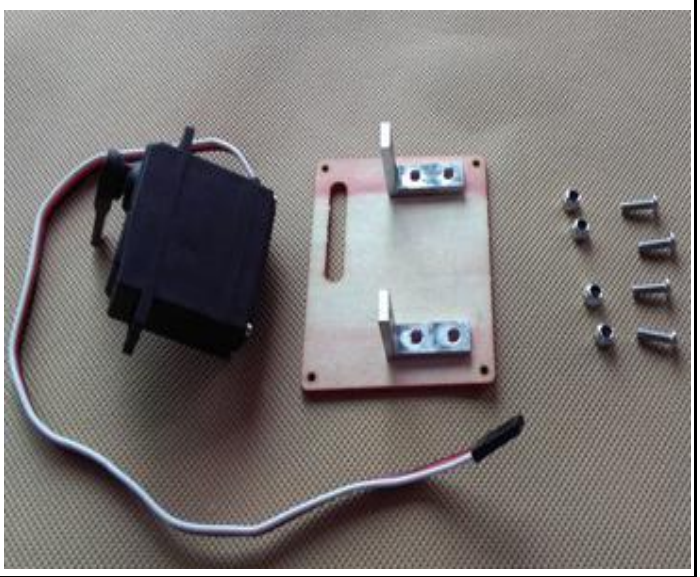
4. Fix the fiber horns to the slots in the aileron with epoxy glue.

5. The sketch map when the horns assembled.

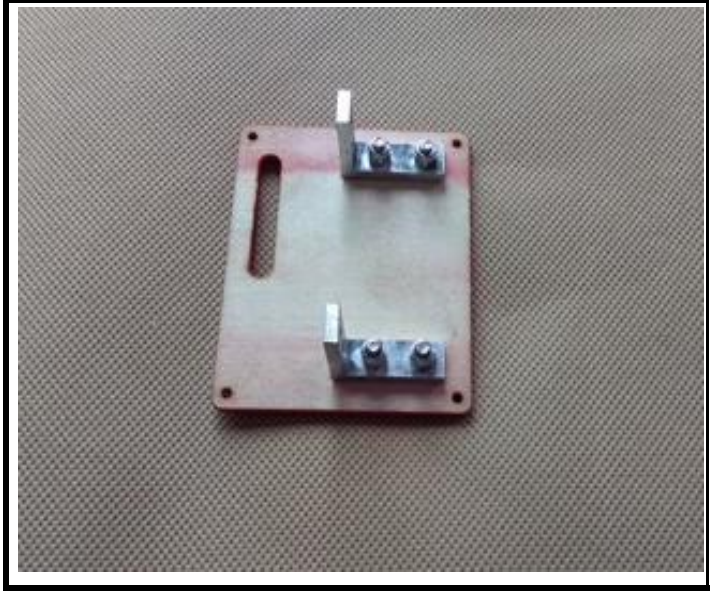


6. Assemble the fiber horns to the slots in the flap with epoxy glue.

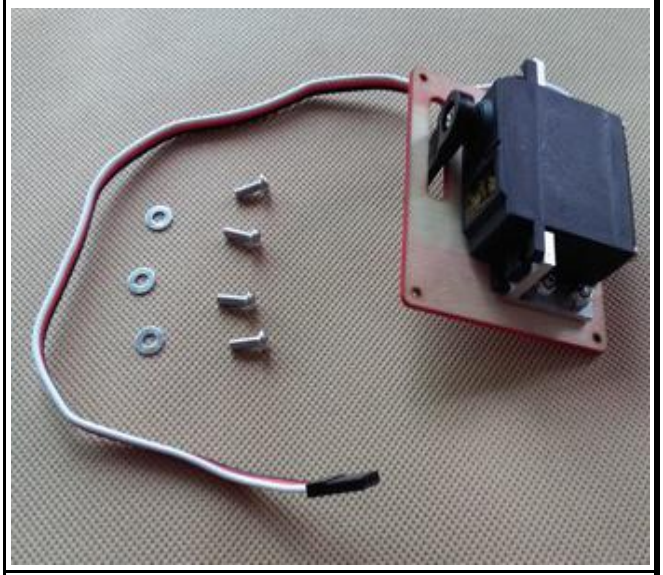
7. Assemble the servos to the servo trays.



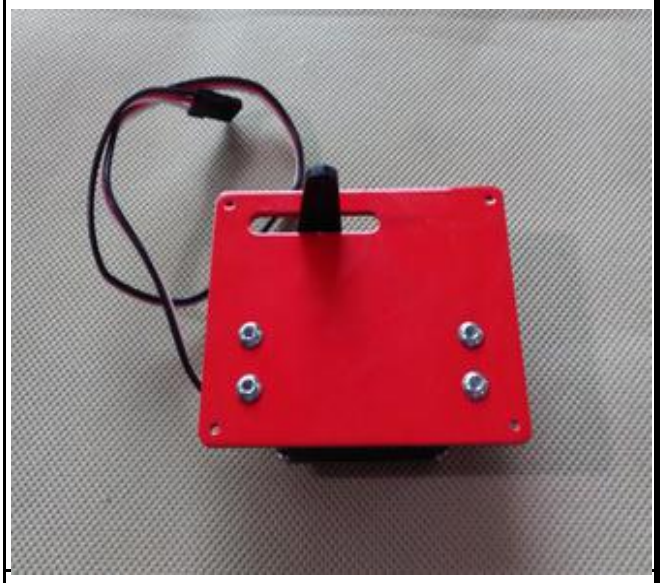
8. Assemble the servos to the servo trays.



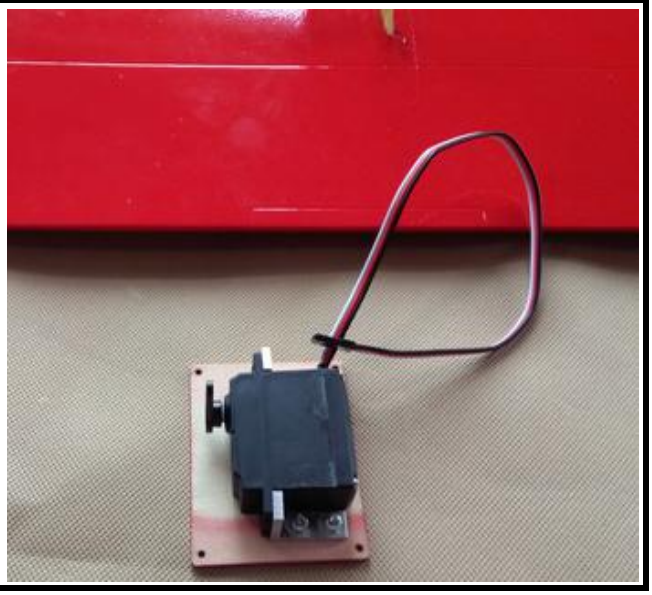
9. Servo assembled ready for aileron.



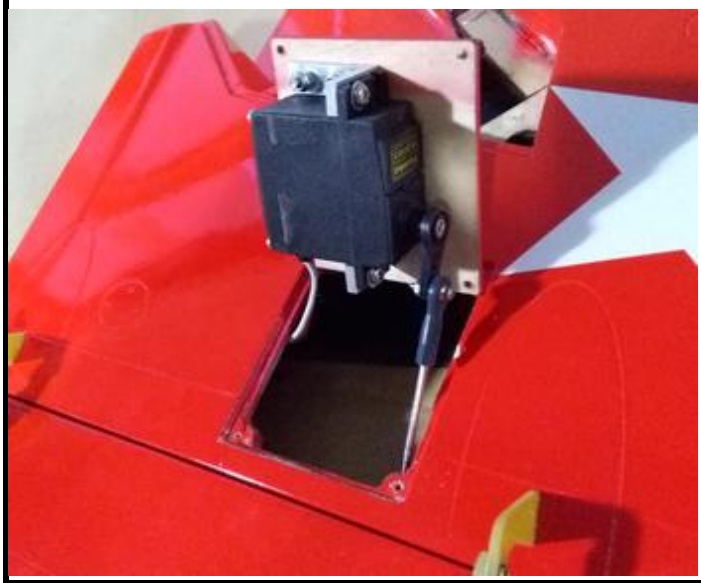
10. Servo assembled ready for aileron.



11. Servo assembled ready for flap.



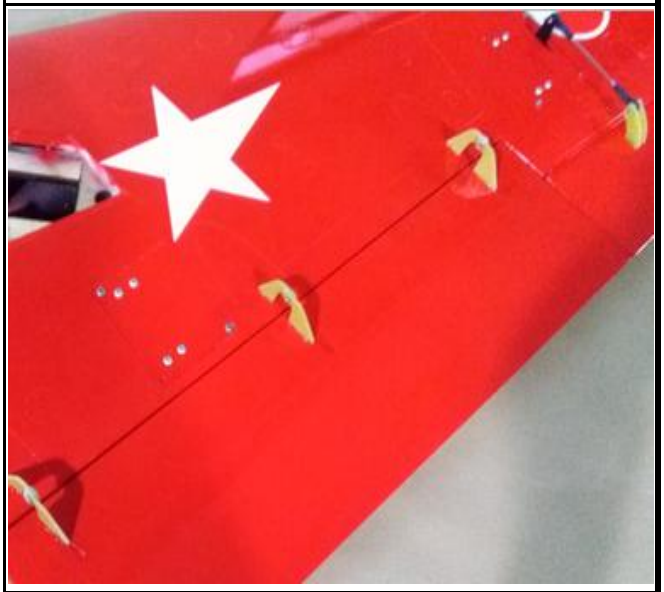
12. Assemble the linkage to the servo.



13. Apply glue to the slots of flaps and epoxy the horn to them.

14. Assemble the linkage to the horns with screws.

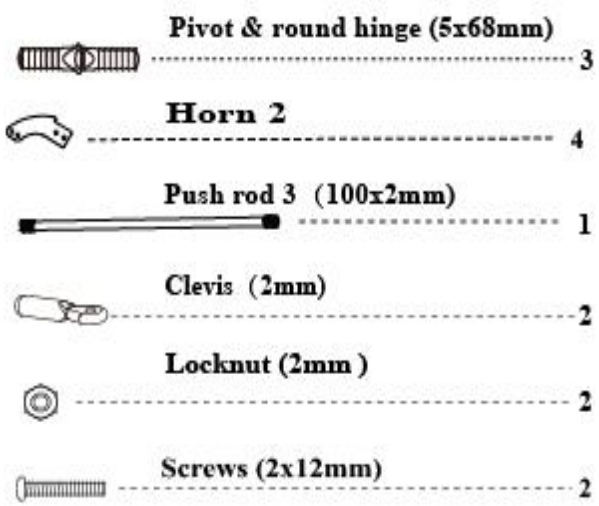
15. The sketch map when the horns in the wings assembled finished.



16. Apply instant type AB glue to the horns covers.

17. The sketch map when the horns covers assembled completely.

Accessory list for the installation of rudder.



18. Apply instand type AB glue to the slots in the rudder, vertical fin.

19. Assemble the rudder to the vertical fin and make sure it can move freely.

20. Assemble the horns to the slots in the rudder.

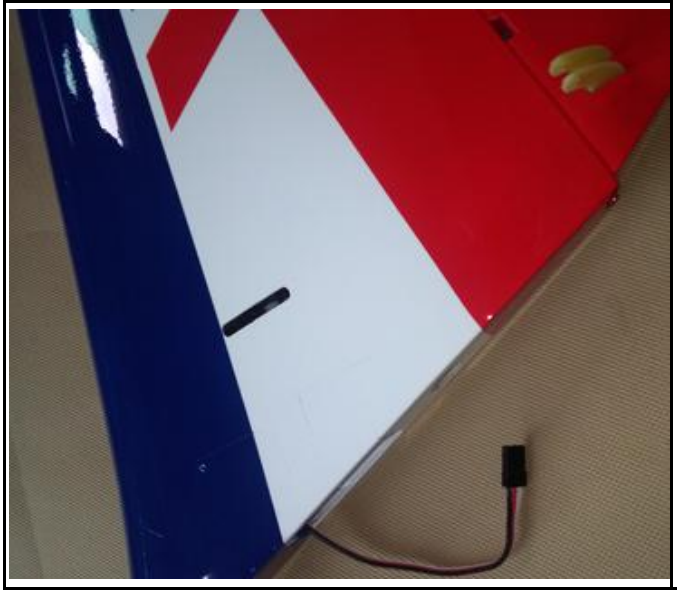
21. Assemble the servo to the vertical fin.

22. Drag the servo line out.

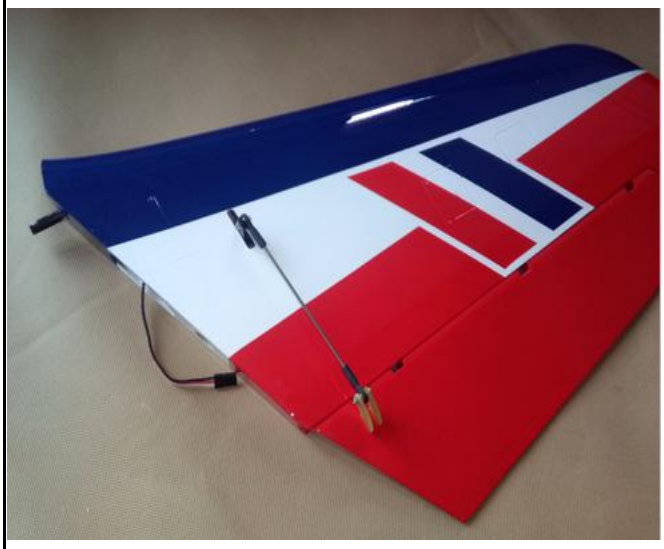
23. Measure the deepth from the servo to the vertical fin root.

24. Measure the same length on the surface of the vertical and mark it out as picture.

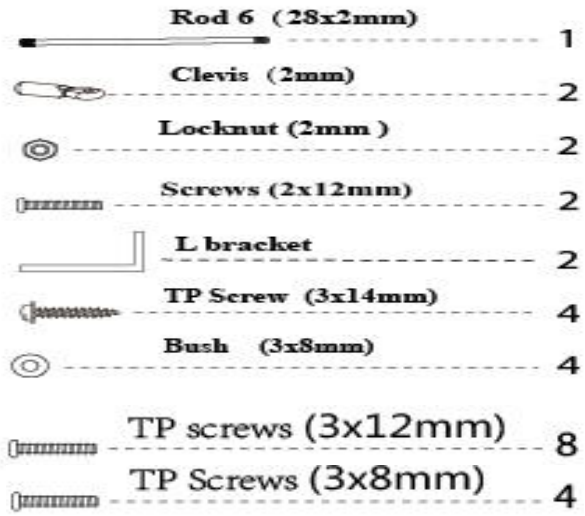
25. Trim a slot for the servo arm.



26. Connect the fiber horns to the servo arms with the linkage and locked each side with screws.

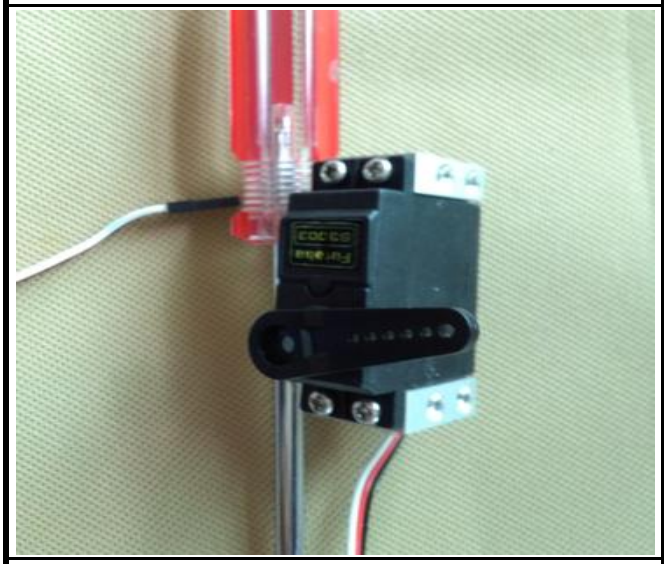


Accessory list for the installation of belly speed brake.



27. Ready to assemble the servo for belly speed brake.

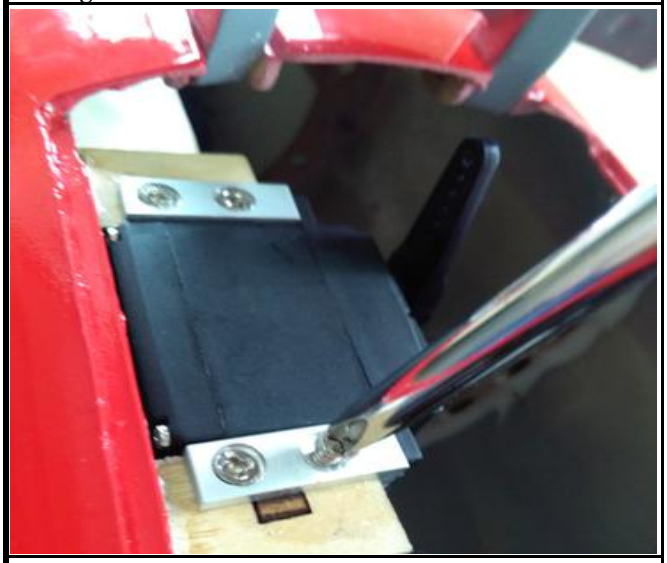
28. Assemble the servo.



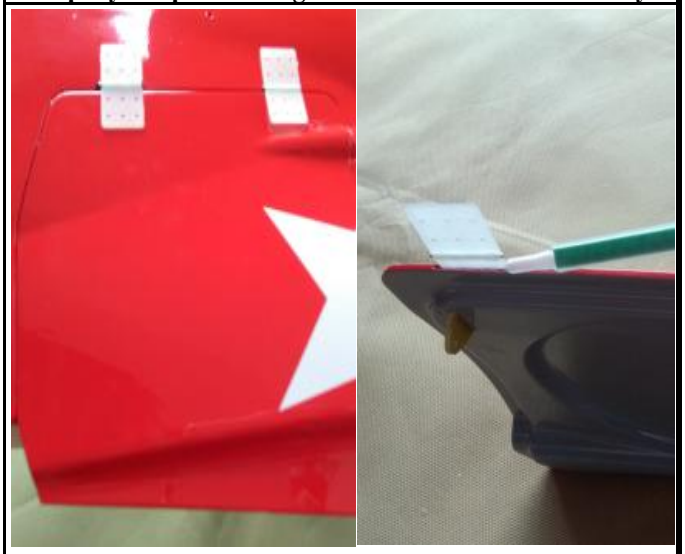
Accessory list for the installation of wheel doors.

Horn 3 (2mm)	2
Rod 5 (2X250mm)	2
Clevis (2mm)	2
Locknut (2mm)	2
Screws (2x12mm)	2
Retainer	2
Pin hinge	4
3mm ply (12x20mm)	4
TP Screw (2x8mm)	16
Alu wing tube (20x886mm)	1
Screw (4x25mm)	5
4mm bush	5

29. Install the servo to the appropriate position in the fuselage.



31. Epoxy the pinned hinges to the wheel doors carefully.



30. Connect the belly speed brake to servo arms with the linkage and locked each side with screws.

32. Cut surplus the pinned hinges, put the wheel doors to the fuselage via the opened slots.

33. Drill holes to appropriate position in the fuselage and lock the wheel doors with screws.

34. Drill holes to appropriate position in the wheel doors and lock the wheel doors with screws.

35. Wheel door assembled ready.

36. Add some glue to the pinned hinges to make sure them don't come off during flying.

37. Trim slots to appropriate position on the wheel doors.

38. Epoxy the fiber horns to the wheel doors.

39. Connect the linkage to the fiber horn with screws and locknuts.

40. Connect the linkage to the fiber horn with screws and locknuts.

41. Connect the linkage to the servos for wheel doors.

Accessory list for the installation of belly speed brake.

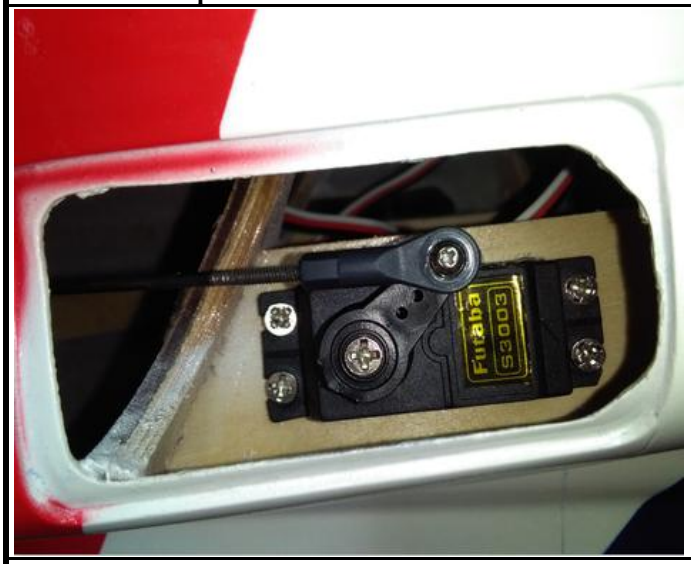
Rod 4 (2X200mm)	2
Push rod 3 (100x2mm)	1
Clevis (2mm)	4
Locknut (2mm)	4
Screws (2x12mm)	4
Retainer	2
Plastic casing 1 (12x23)	2
Plastic casing 2 (12x5)	2
Horn 5	2
Vertical tube (14x273mm)	1

42. Ready for assembly the stabilizers.

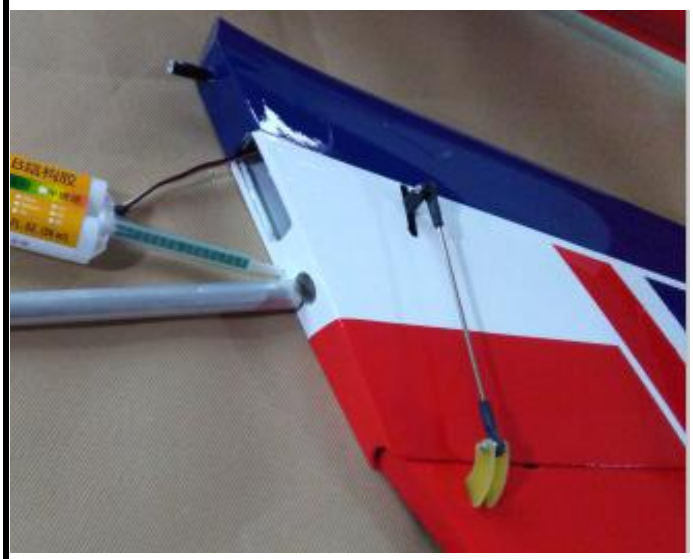
43. Assemble the stabilizers to the fuselage.

44. Connect the pushrod to the arm on the stabilizer joiner.

45. Connect the pushrod to the servo.



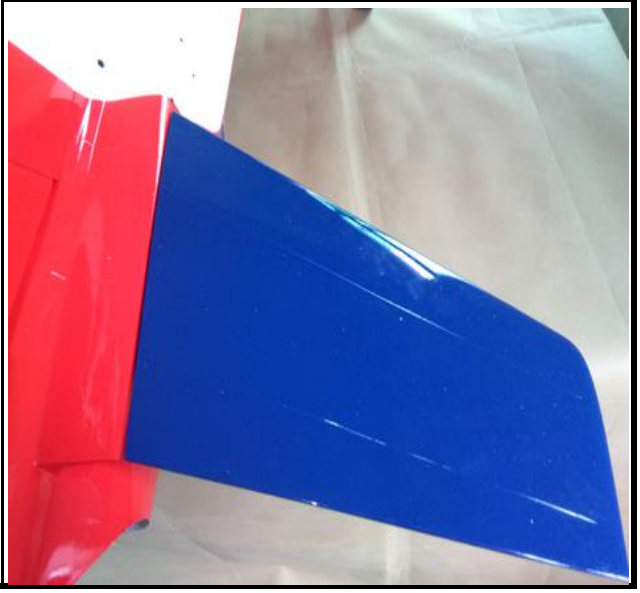
46. Apply AB glue to the hole in the vertical and assemble the vertical tube to it.



47. Lock the vertical fin with screw.

48. The picture after the vertical fin assembled.

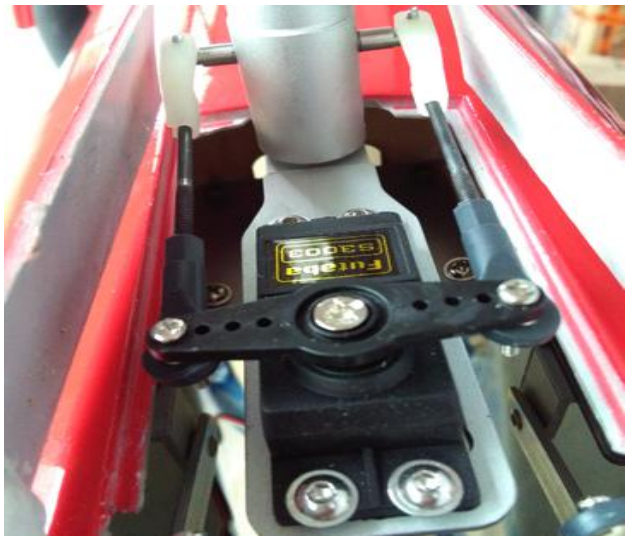
49. The picture after the stabilizer assembled.



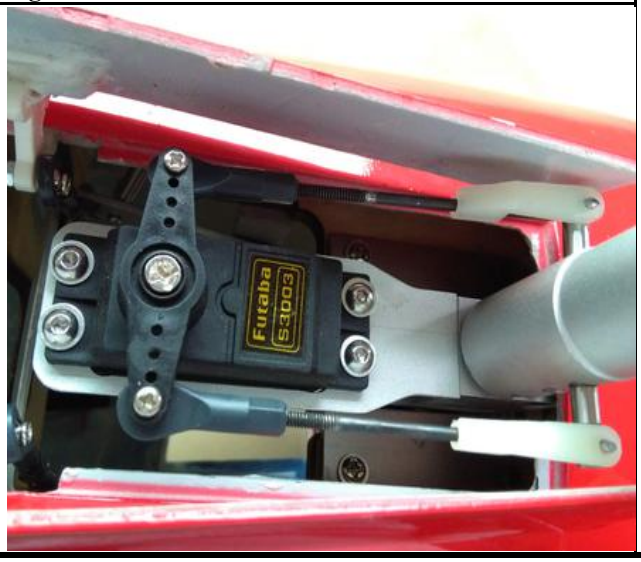
Accessory list for the installation of the retracts.

TP Screw (3x14mm)	10	Locknut (3mm)	6
Push rod 3 (100x2mm)	2	Screw (3x10mm)	4
Retainer	2	TP Screw (2x8mm)	8
Clevis (2mm)	2	Bush (2X6mm)	8
Screws (2x12mm)	2	Screw (2x14mm)	8
Locknut (2mm)	2	TP Screw (2.3x8mm)	8
3mm bush	6	3mm ply (12x20mm)	12
Cable tie	6	Hex screw (3x20mm)	2

50. Assemble the servo to the retracts and connect the linkages.

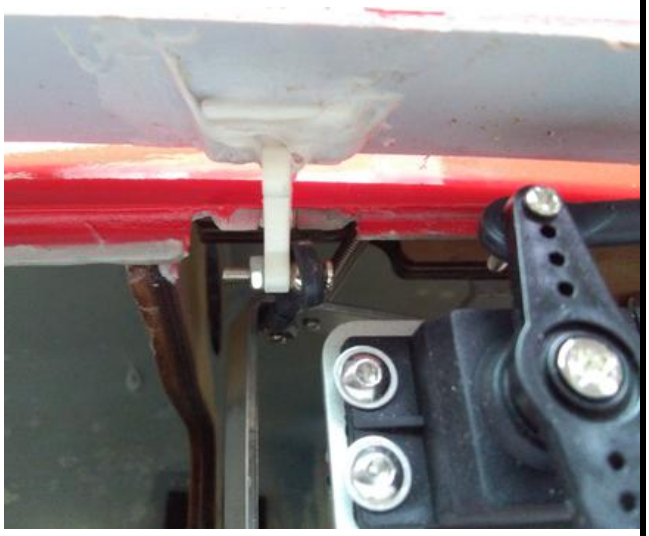


51. Put the retract to the appropriate position from inner fuselage.

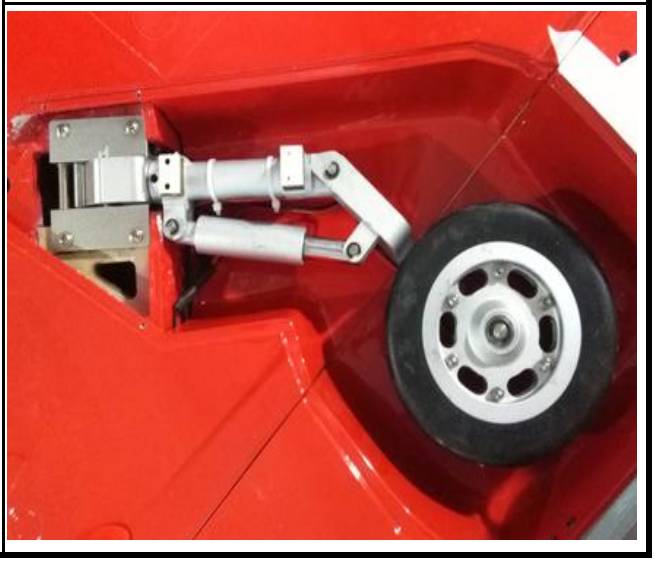


52. Fix the nose retract to the fuselage with screws.

53. Connect the hatch hinge to the clevis on the Alu sash with screw.



54. Assemble the main retracts.



55. Assemble the wheel cover to the main retracts.

56. The picture when the retracts up.

57. Lock the wing with schrews.

58. Lock the wing with schrews.

Accessory list for the installation of bomb.

Screw	(3x25mm)	2
Bush	(3x8mm)	16

59. Fix the bomb with screws.

60. Glue the fairing cover to the G4 nose.

61. Assemble the antenna to the fuselage.

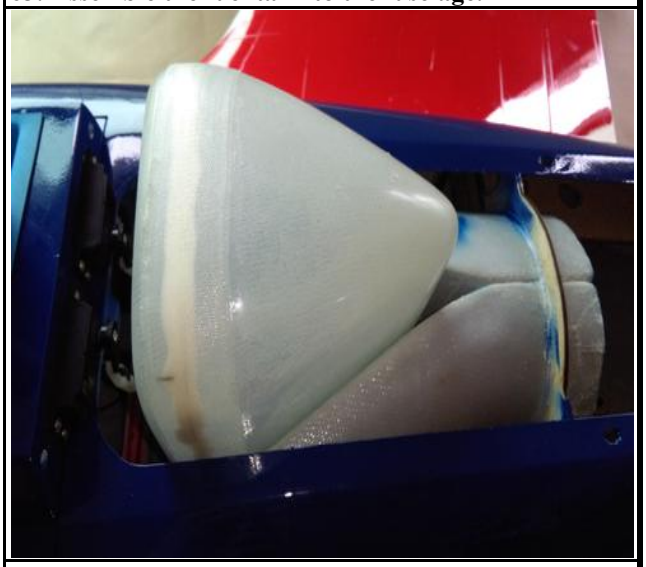
Accessory list for the installation of the fuel tank and tail pipe.

TP Screw (3x14mm) ---------- 8

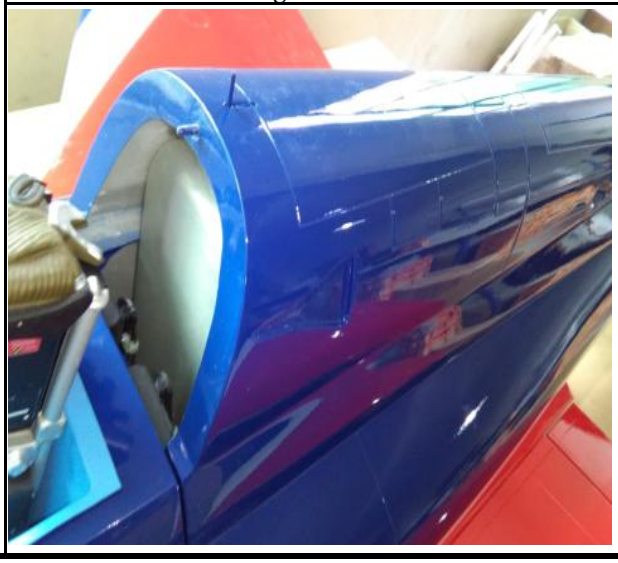
Fuel tank ---------- 1

62. Assemble the turbine engine to the fuselage.

63. Assemble the fuel tank to the fuselage.

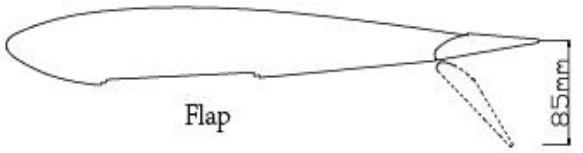
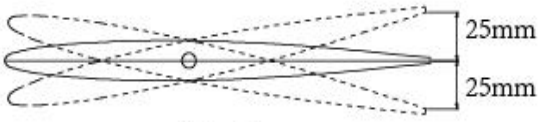
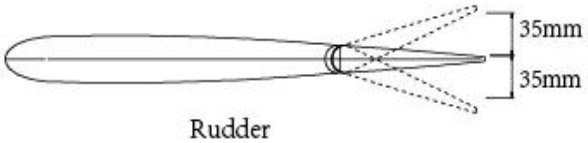
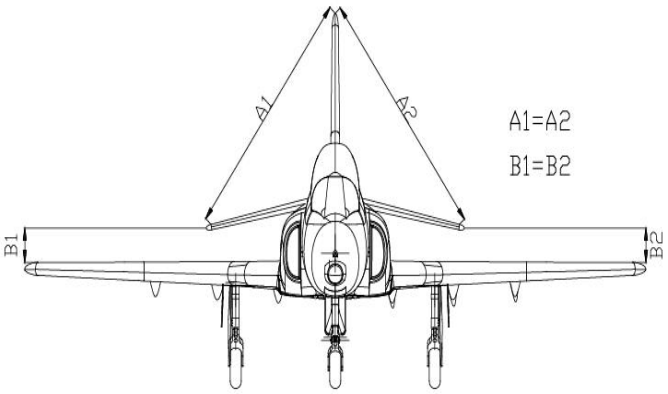
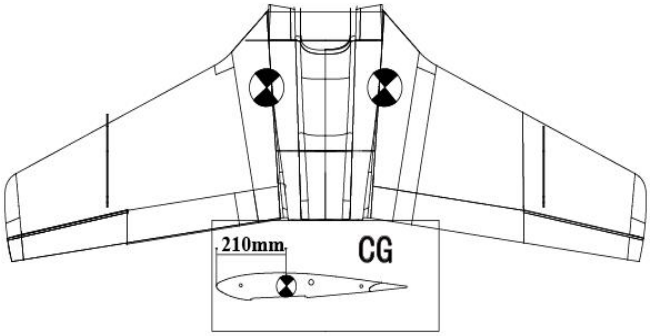


64. Assemble the fuselage hatch.



65. Assemble the canopy to the fuselage.

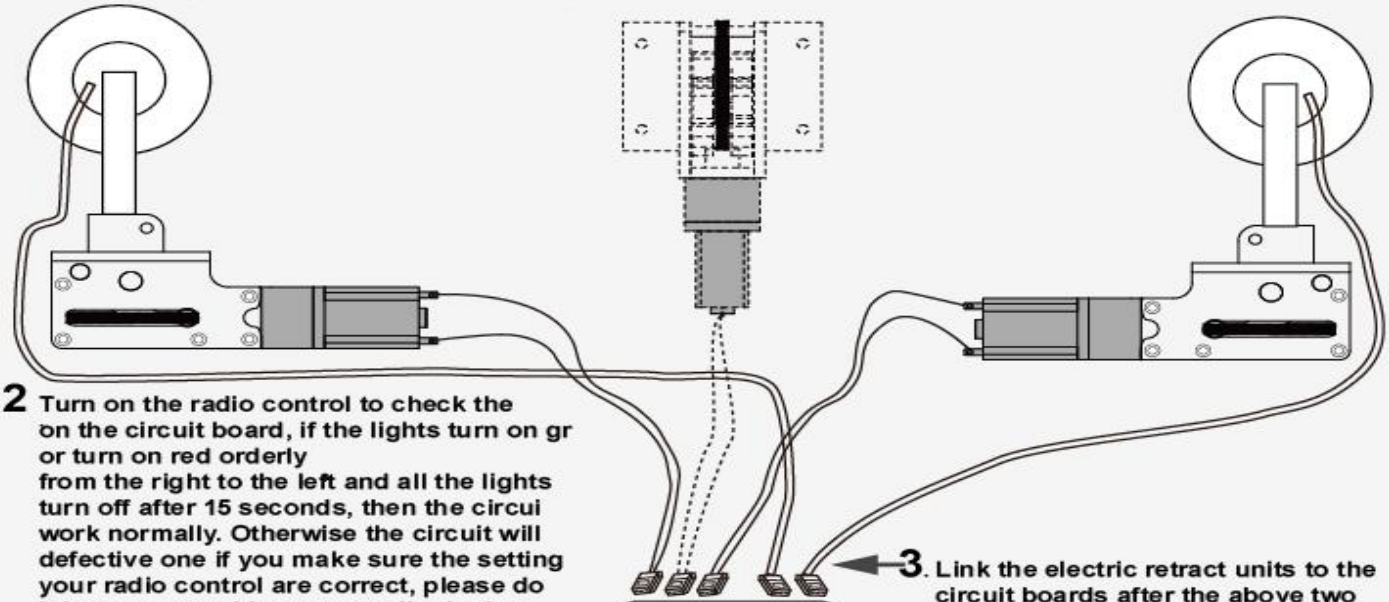
66. The photo when the model assemble completely.

67. Adjust the travel of each control surface to the values in the diagrams. These values fit general flight capabilities.Readjust according to your needs and flight level.		**68. Adjust the travel of each control surface to the values in the diagrams. These values fit general flight capabilities.Readjust according to your needs and flight level.**
  Aileron		 Elevator  Rudder
69. Check all the datas well. make sure all sections glue tightly. Otherwise if coming off during flights, you'll lose control of your airplane which leads to accidents!		**70.C.G: Never fly before checking the CG's required position. Never fly the model without well balancing.**
		

Electric retract system

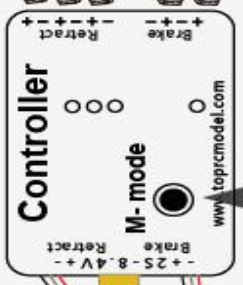
Thank you very much for purchasing our TRCM optional electric retract set, all our products were passed strict QC before they shipped out to the customers. In order to avoid probably trouble happen, we still would like you to follow the steps below before you assemble our electric retracts to your plane.

1. Connecting the circuit board to the battery and receiver.

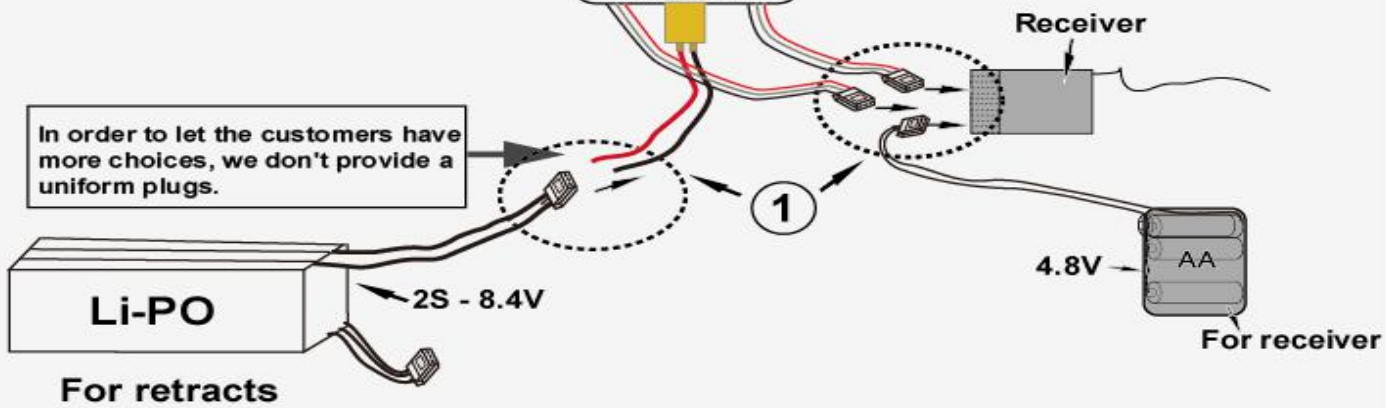


2 Turn on the radio control to check the on the circuit board, if the lights turn on gr or turn on red orderly from the right to the left and all the lights turn off after 15 seconds, then the circui work normally. Otherwise the circuit will defective one if you make sure the setting your radio control are correct, please do it but contact with your supplier in time.

3. Link the electric retract units to the circuit boards after the above two steps, check again the electric retracts to see if they can work normally or not.



4 The M-mode buttom can be used for testing the e-retracts without remote control nor receiver.



. Assemble the electric retracts to the plane after several times smoothly running.

Warning! Please don't ceaselessly turn and off the switch in 2 seconds, if you do this way, the circuit board will be heated.