



Gasoline Powered

50CC II SERIES

Edge540\Extra260\Extra330L\Katana\Yak55M
Sbach342\Raven\Yak54\Yak55SP\Su26M\Su29\MX2

..... ALMOST-READY-TO-FLY



Assembly Manual

Congratulations on purchasing this excellent almost-ready to fly R/C Model!! This ARF adopts the latest 3D design features and emphasizes high performance, light weight and fun. This plane is designed by professional engineers and built by skilled craftsmen. Many of the parts are already pre-installed for you!

REQUIRED FOR OPERATION

1 Wireless apparatus

This airplane model should use 6 channels or the above airplane model special-purpose remote control device 6 servos, please do not have to use car and the ship model remote remote control device



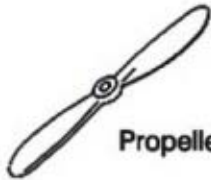
12 batteries



2 steering engine extension lines

2 Engine system

Use model special-purpose engine
Engine: 50-60CC



Propeller



Fuel pipe



SPINNER



Filters the mouth

3 Flying and Starting supplies



Fuel pipe



Fuel



Trigger



Absorption of shock sponge

4 Glue

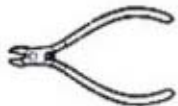


Instant Glue



AB epoxy glue

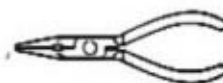
TOOLS REQUIRED



Slanting cuts



Scissors



Pliers



Iron



Drill bit



Knife



Screwdriver



Adhesive tape

Recommended engines

- Gasoline:50-60CC
- 2-Stroke: 2.40
- 4-Stroke: 3.00

Recommended

- JR systems
- JR 9X or JR 9XII
- JR PCM 10X
- Futaba systems
- Futaba 9CHPS
- 12ZAP
- 14MZA

SYMBOLS USED THROUGHOUT THE INSTRUCTION MANUAL, COMPRIS



Apply epoxy glue



Ensure smooth non-binding Movement while assembling.



Must be purchased separately!



Apply instant glue



Assemble left and right Sides the same way.



Cut off shaded portion.



Pay close attention here!



Make hole with awl.



Cut off excess.



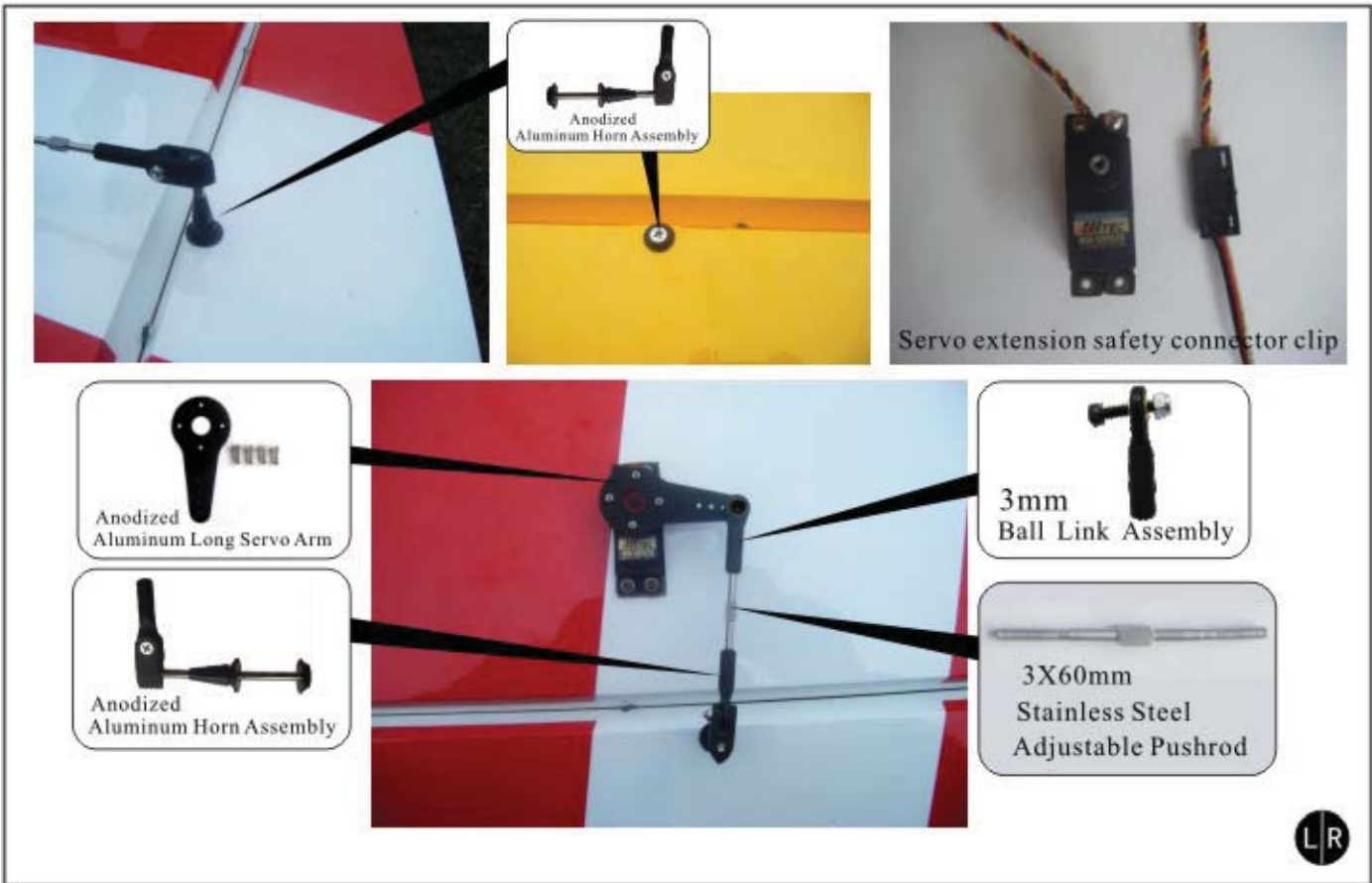
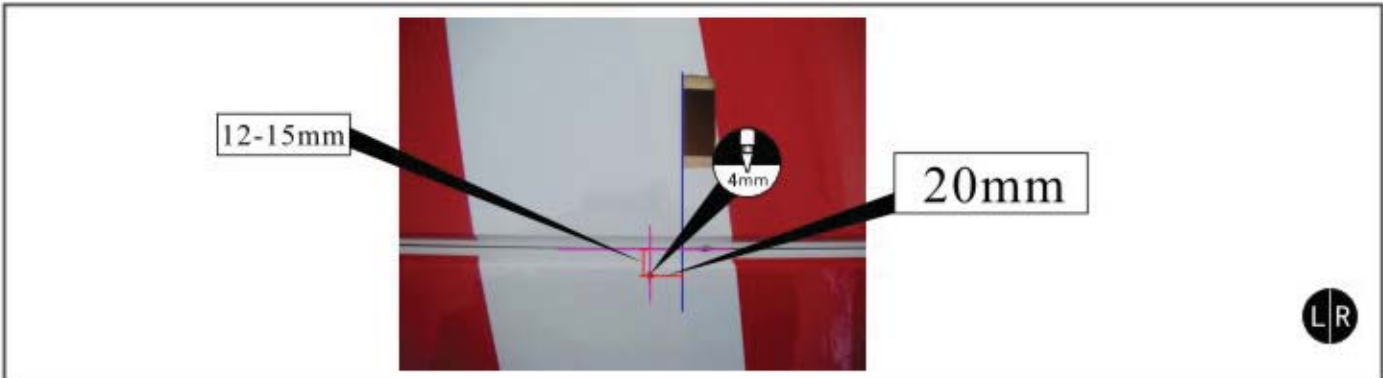
Warning!

Do not overlook this symbol!

Wing Assembly



Pre-hinged control surfaces ready to fly



Elevator Assembly





Pre-hinged control surfaces ready to fly



12-15mm

4mm



Anodized Aluminum Horn Assembly



Servo extension safety connector clip



Anodized Aluminum Long Servo Arm



3mm Ball Link Assembly



3X60mm Stainless Steel Adjustable Pushrod



Anodized Aluminum Horn Assembly

LR



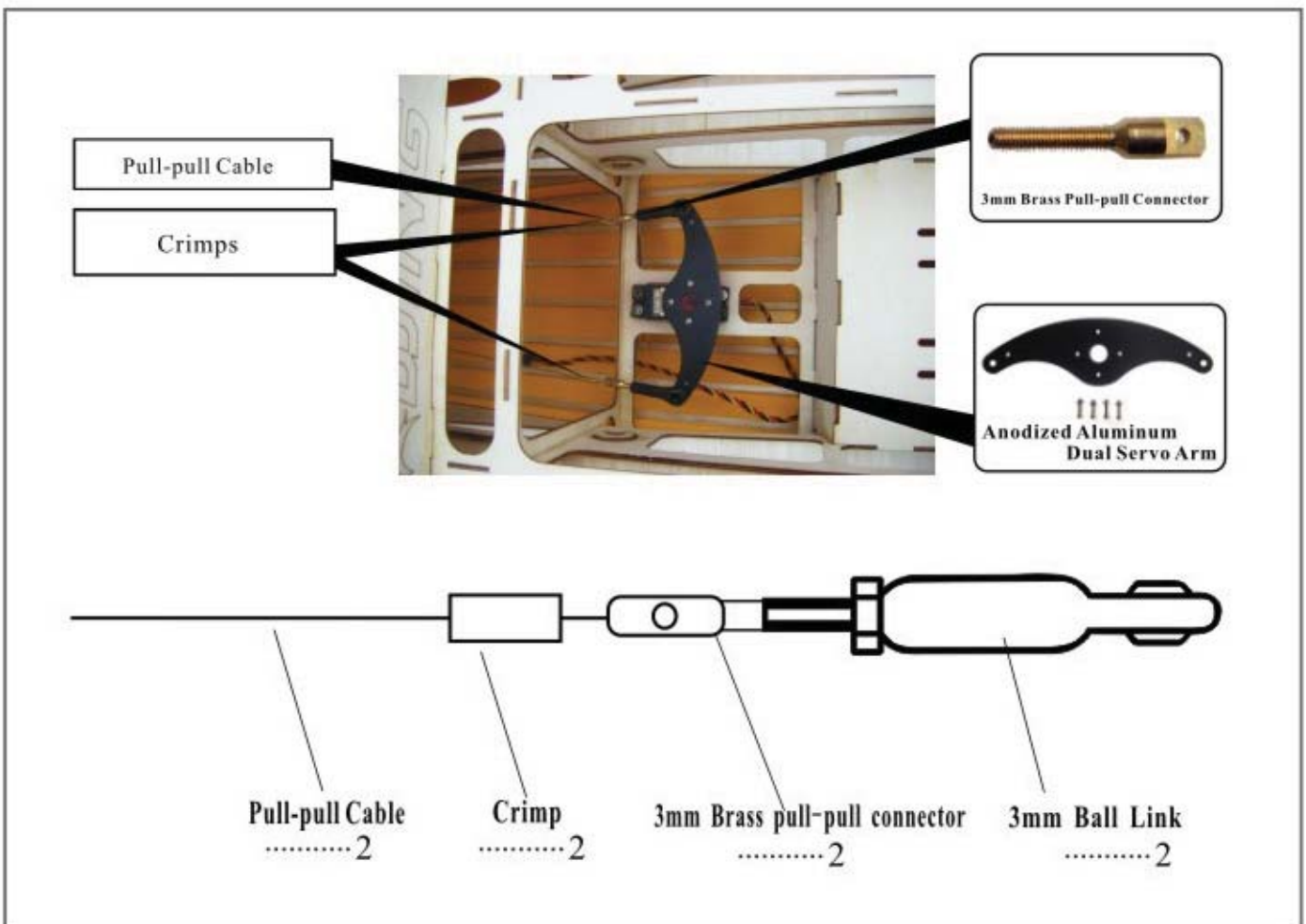
Pre-installed servo wire tube



M3X12mm Screw 2

LR

Rudder Assembly



Carbon Fiber Tail Wheel Installation



2mm Ball Link

M3X16mm Tapping Screw..... 3

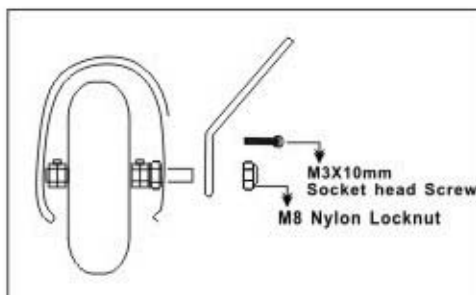
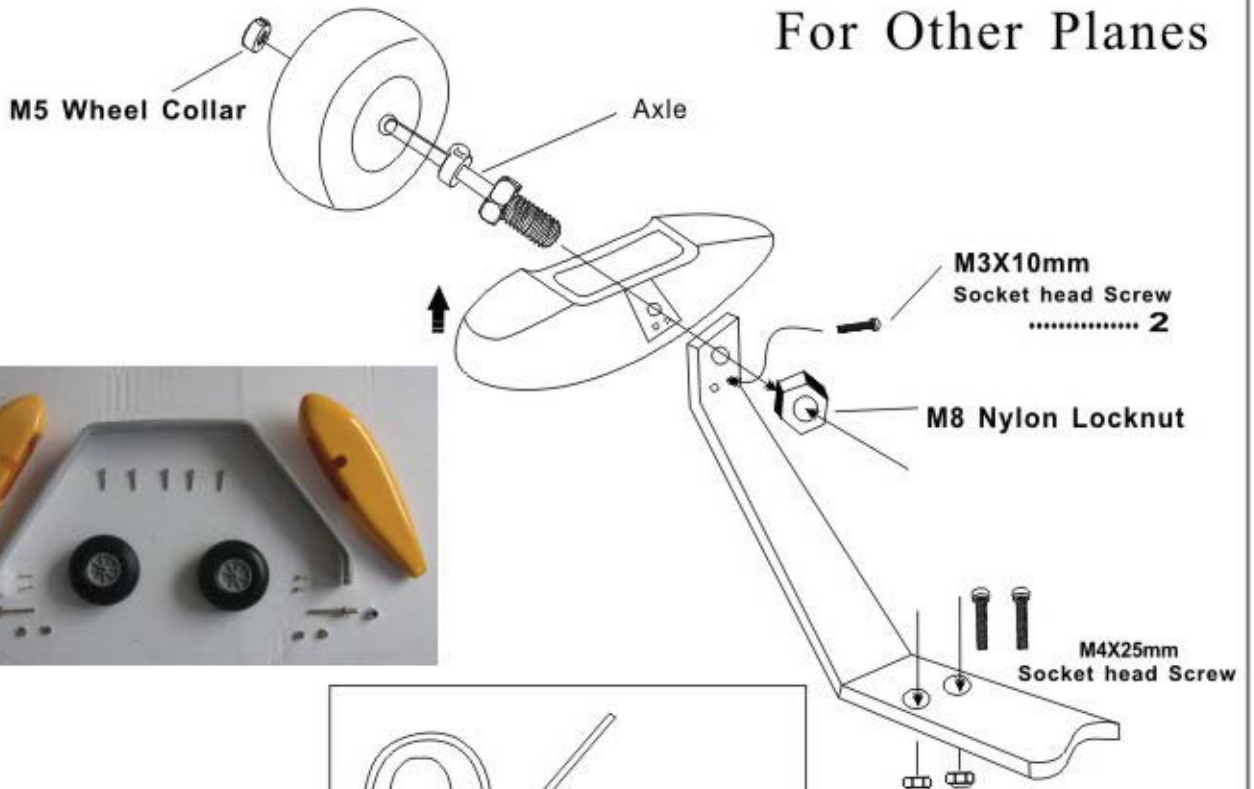


Main Landing Gear Installation

✂ For YAK54\YAK55SP\YAK55M



For Other Planes



Engine Installation



- There are two pieces of wooden templates supplied, one for 3W 50cc gasoline engine, the other for DA 50 engine. Select the right template for your engine (if it is 3W 50cc or DA 50) to mark the location of mounting holes.



- Mark the centerline on the firewall for the engine. Note: the vertical centerline is offset to the right side of center as viewed from the front due to the built-in right-thrust. These will be necessary no matter what engine you choose to install.

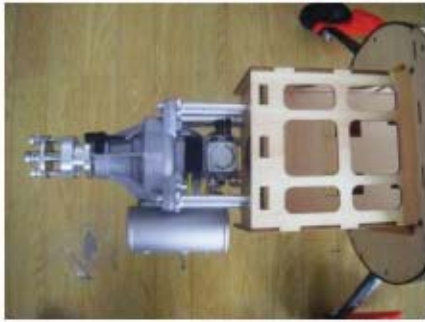


- Drill the installation holes on the firewall. If you intend to install nitro engine, you need to install the engine mount on the firewall with screws first.
- Drill holes on the engine mount and firmly fasten the screws on the mount.



- Measure the length of the cowling and decide where to install the engine. Let the propeller drive washer come out 2mm from the cowling in the front.

- If you are installing a gasoline engine, drill holes in the firewall and then fasten the supplied screws from the back of the firewall. Make sure the engine is fixed firmly and then apply "thread lock" glue on the bolts.
- Install the Ignition.

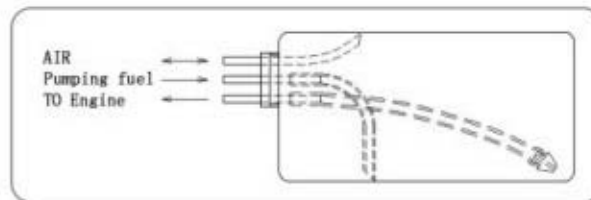


- Standard Servo 1
- ∅2X300mm Pushrod 1
- 2mm Ball Link 1
- M2X8mm Screw 1
- M2mm Nut 1
- Nylon Straper 1

Fuel Tank Installation



Pre-mounted gasoline tank ready to fly




Cowling Installation



Fixed ring inside cowling for easy build



- ①
- ②
- ③
- ④

-  M3X15mm Screw 6

Radio Installation



- Mount the receiver switch (and Ignition switch, if you use a gasoline engine) in a convenient location in the side of the fuselage.
- Wrap the receiver battery and receiver in foam. Attach the receiver and battery to the battery tray by using Velcro straps.

Preflight Assembly



∅28X888mm

Carbon Fiber Tube



Carbon Fiber Tube

Wing Nylon Bolt


 2



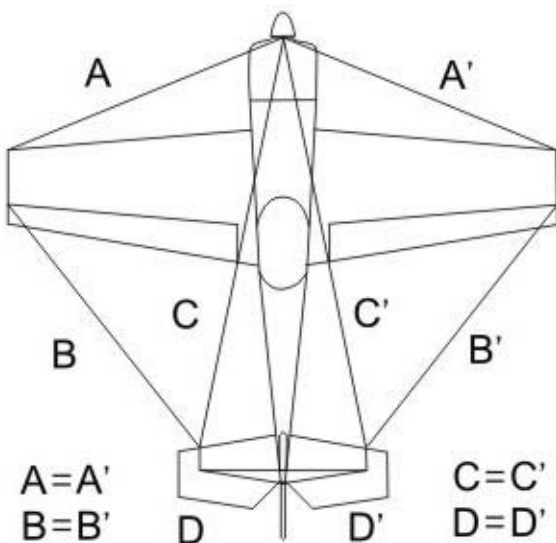
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Canopy Assembly



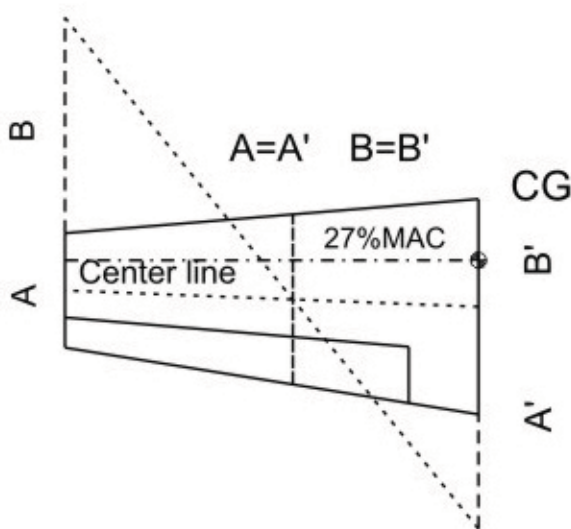
 **M3X12mm Screw**
..... 2

LR



Adjust the aircraft and make sure both sides are symmetrical. Like the diagram shown. So that the plane is ready for flight.

C. G Location



Measure the CG from the leading edge of wing against the fuselage, Adjust the battery pack location. For CG proper position should be at 27%MAC. This recommendation balance point is for your first flights . The CG can be moved around later to fit your personal taste.

PLANE	EDGE540T	EXTRA260	EXTRA330L	KATANA	YAK55M	YAK55SP
27%MAC CG Location:	118mm 4-3/5inch	155mm 6-1/8inch	155mm 6-1/8inch	150mm 5-7/8inch	162mm 6-1/3inch	159mm 6-1/4inch
PLANE	YAK54	SU26M	SU29	RAVEN	MX2	SBACH342
27%MAC CG Location:	150mm 5-7/8inch	146mm 5-3/4inch	155mm 6-1/8inch	131mm 5-1/6inch	155mm 6-1/8inch	155mm 6-1/8inch

1. Check every angle and adjust them to correct position.
2. Check all parts and make sure the installation is firm and reliable.
3. Add some weight in either of wingtip to balance the left and right wings.

Power on to trim your plane.

1. Range check the radio (test whether the Engine/Motor is running or not).
2. Ensure that the servos and control surfaces move smoothly and are in the correct direction.
3. Adjust the servo throw. The chart below is the recommended throws for the first flight. You can adjust the servo arms and control horn length later to fit your flying style.

Control Throw:

	Surface	Throws	Exp
Common flying	Aileron	20 degrees	25%
	Elevator	20 degrees	25%
	Rudder	30 degrees	30%
3D flying	Aileron	45 degrees	50%
	Elevator	45 degrees	50%
	Rudder	45 degrees	50%



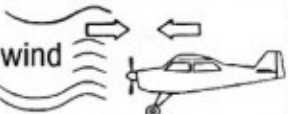




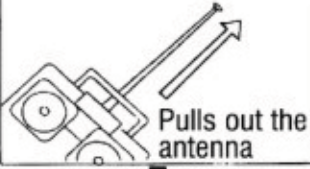
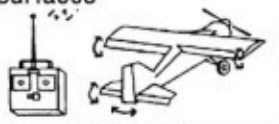
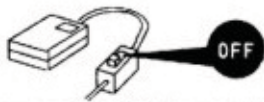

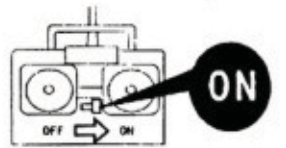
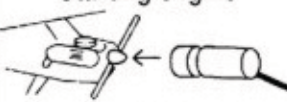
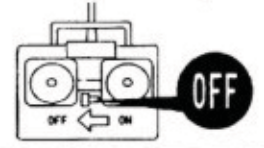

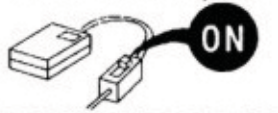



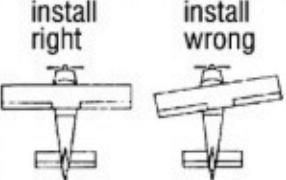



Trial run the Engine to check its stability at high speed and low speed to ensure there are no problems with vibration on the model. Run the motor at high speed about 30 seconds, check the Engine and make sure the temperature is below the prescription of manufacturer. Once everything is right... ..

Good luck & Have fun!





Flight operates order

before the flight	flighting	after the flight	 Safe Warning!
<p>Must choose a big location, don't have to approach the high tension cable, big building and airport</p>	<p>ok not The wind is so strong</p> 	<p>Must landing against the wind</p> 	<p>Don't near to propeller when engine is working</p> 
<p>Please confirm the propeller and the spinner all already by the safe locking</p>	<p>top up the tank with fuel</p> 	<p>The high temperature, carefully scalds</p> 	<p>Make sure nobody and other obstacles of front</p> 
 <p>Pulls out the antenna</p>	<p>check the Wireless apparatus and all control surfaces</p> 	<p>Turn off receiver power</p> 	<p>Do not use the propeller and the spinner already damaged</p> 
<p>Turn on ransmitter power</p> 	<p>Starting engine</p> 	<p>Turn off ransmitter power</p> 	<p>Must pay attention to the electric quantity the change, the electric quantity excessively is low may not fly</p> 
<p>Turn on receiver power</p> 	<p>Adjustment Needle</p> 	<p>Pulls out in the dry airplane the fuel</p> 	<p>Do not fly in the crowd top of the head</p> 
<p>install right install wrong</p> 	<p>Must take off against the wind</p> 	<p>Deletes the greasy dirt</p> 	<p>Do not have to invest in the fire with the spatial oil drum</p> 



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The logo for GONAV features a stylized graphic of a wing or a curved blade above the text. The text "WWW.GONAV.DE" is in a bold, sans-serif font, and "RC IMPORT LTD" is in a smaller, spaced-out, sans-serif font below it.