

Attention:

It is of vital importance ,before attempting to operate your rc blimp, to read the ‘SAFETY INSTR/CTIONS AND WARNINGS’ section on page 2-4 of the booklet and to strictly adhere to advice contained there in

- Also, please study the entire contents of this instruction manual, as to familiarize yourself with controls and other features of blimp and system
- Keep these instructions in a safe palace so that you may readily refer to them whenever necessary
- It is suggested that any instructions supplied with rc blimp etc are accessible for checking at the same me.



Safety Instruction&Warnings

<p>Remember that your machine is not a ‘toy’, but a highly Efficient internal-combustion machine whose power is Capable of harming you, or others, if it is misused of abused.As ower,you,alone,are responsible for the safe operation Of your machine, so act with discretion and care at all time.If at some future date,your machine is acquired by another Person ,we would respectfully request that these instructions are also passed on to its new owner.</p> <ul style="list-style-type: none"> ● The advice which follows is grouped under two headings According to the degree of damage of danger which might Arise through misuse or neglect. 	<ul style="list-style-type: none"> ● Never touch or allow any object to come into contact with when it is running. ● Never all any object to come to into contact with propeller ● Never touch propeller with hands when it running, no kids ● No professional people to contact with propeller when it running ● No touch the fire on envelope ● Pls use helium gas to fill envelope for safety ● No professional no operate it ● Turn off power when checking issue ● Far away of propeller for kids and other no professional people



These cover events which might involve serious (in extreme ciR/Cumstances, even fatal) injury.

Do not disassemble the machine

Do not use rainy or wind speed over designed

Do not been touch by kids

When you do not use it,please packed and recharge battery

NOTES

- These cover the many other possibilities, generally less obvious souR/Ces of danger, but which, under certain ciR/Cumstances, may also cause damage or injury.
- Fly as local law

Manual Electric R/C Blimp

Contents

About Electric RC Blimp

RC Blimp parts' name&Photo

Installation

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About RC Blimp

Electric R/C blimp, we have done 2m,2.4m,3m ,3.5m ,4m ,5m ,5.5m, 6m, 6.6m, 7m,8m,9m and 10m also We accept custom order on these design

The voltage of battery pls according to each item's technical specification to equip and as our suggestion to assemble and test

Of course you can buy other our blimp from us like gasoline power

Size from 8.2m to 14m in gasoline powered



Detail Name



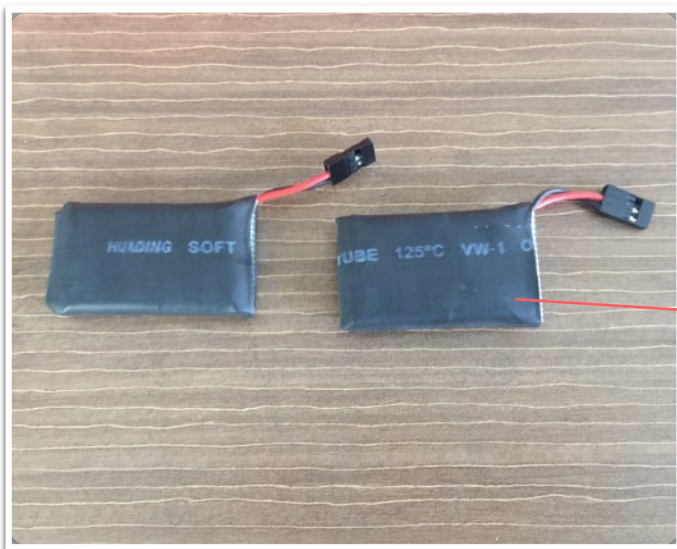
1

2

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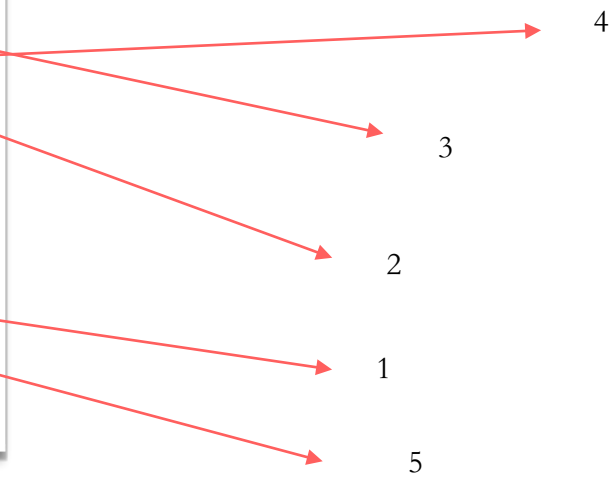
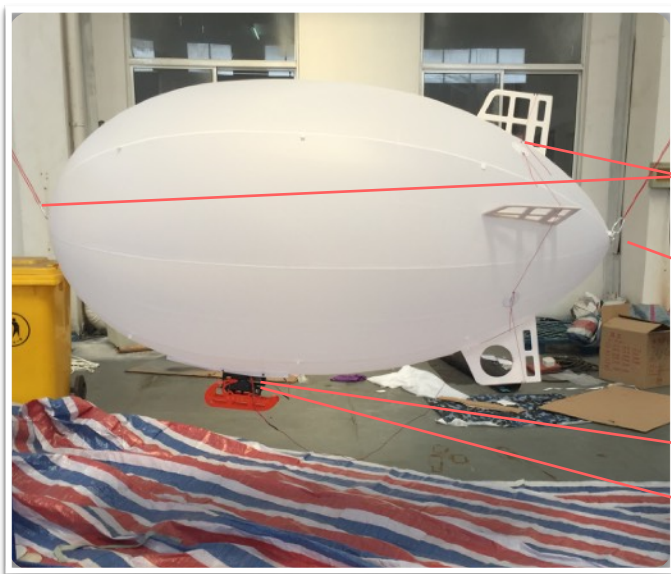


5

Detail Name

1	Blimp Envelope
2	Rc Gondola
3	Fins
4	Rc System
5	Lipo Battery

Blimp Envelope



1	Gondola Fix
2	Air hose
3	Fins Fixed
4	Attached point to tethered
5	Balance Pocket near gondola fixed

RC Gondola

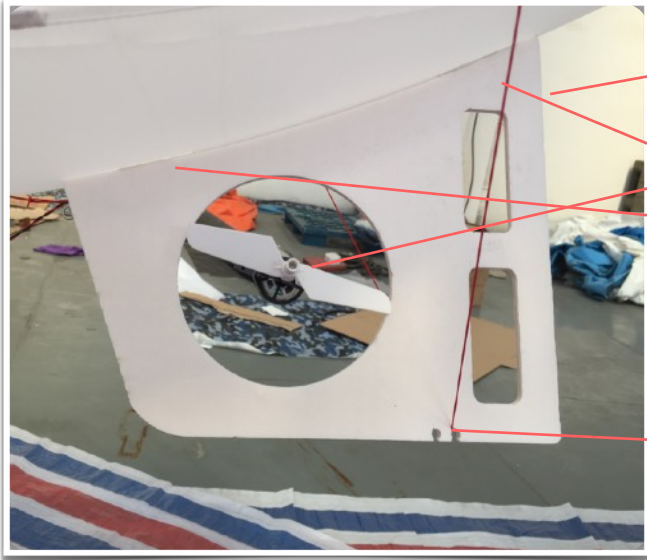


- 1
- 2
- 3
- 4
- 5
- 6
- 7

Gondola Part Name

1	Frame
2	Receiver
3	Battery postion
4	Up and down propeller and motor
5	Foward and Backward propeller and motor
6	Connection of blimp and gondola
7	Lander

Fins



1

2

3

5

4

Fin part's name

1	Fin Frame
2	Rear Motor&Propeller
3	Fix vecro
4	Fix with rope
5	Fix rope



Transmitter

1

3

2

Fin part's name

1 - Right Thottle	Left for Blimp to Foward
1 - Right Thottle	Right for BLimp to Backward
2 - Left Thottle	Down for blimp to Fly up
2 - Left Thottle	Up for blimp to Landing down
2 - Left Thottle	Left for blimp to Turn Left Direction
2 - Left Thottle	Right for blimp to Turn Right Direction
3 D/R Switch	Yes

Installment with Helium Gas



It can avoid to make hole on Blimp, to avoid helium lost.



B. Place the air pipe to air hose of envelope
Need the professional people to do this job, please do best fill helium gas which is safety gas no flame. hydrogen gas is dangerous for fire or flame, take a note

slowly to fill helium gas, not so fast please take care, if fast easy to lose control blimp.

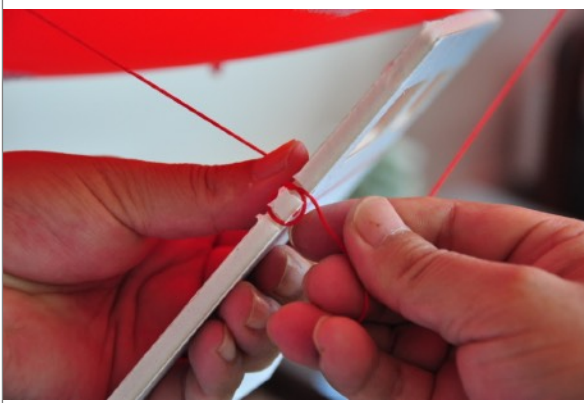
Before you inflate blimp, tethered rope to front and rear of blimp



C. Tethered rope to blimp envelope not let fly away or floating higher than people who fills gas and mount the gondola —**Very Important,especially giant blimp.It is easy to broken, people push attached point so tight when helium lift the blimp**



D. Fill 90% gas of Volume ,not fill too much more, use your hand to touch when expands.Then fill rest volume of blimp.



E. After blimp inflated, install fins to blimp envelope. Connect the fins' electrical wire to gondola

Add weight of 100-200g to blimp to make blimp balance as payload 200g but depends on local helium lift weight and altitude.



F. Before you install gondola to blimp, should test well with battery and transmitter working.

Rear motor of fin's electrical wire connects to "Channel 4" of receiver

Make blimp in level.



H. Do test on gondola and r/c system on ground

1.Power the transmitter(operate as r/c system's manual) before you power it, the thottle's position must be lowest position

2.Connect the batteries to gondola, when it works there is sound "bi bi" , it means connection is good.

3.Trim the thottle to checking propellers work

- Does motor work?
- Does, propeller work? Propeller's push direction
- Turn direction is correct?

Again do no touch propeller by hands, safety

Is first,

4.) Everything is fine



Very importance : Battery connection should black line in left and red in right



- I. Mount gondola to blimp envelope, connect gondola with rope and attached points steady.
- J. Keep blimp in same level, and as difference of helium lift and temperature, you need to adjust. Especially sink force as different blimp
- a) 2m blimp Indoor sink weight Max 20g



- K. Fly your blimp as you want
- No far than your range of r/s system
- L. After you land the blimp, cut off battery of gondola first, then last turn transmitter off.

Notes



Note 1 - Flat blimp on clean cushion to avoid blimp broken. **Very Important**

A> The area should be bigger than blimp

B> Flat blimp is very important. Some client has no attention before especially big or giant blimp

C.) Clean cushion on ground to protect blimp, any sharp thing like sand easy to make hole in blimp to cause blimp leakage.

Note 2 - Never touch propeller by hands, no experienced on rc system no touch.

Safety Is first, do no touch propeller by hands, no kid. No allow any one to touch transmitter when it is turned on, when you install gondola to blimp or testing. Any issue, please turn transmitter off to check.

Note 3 - (Propeller match , rotation direction and wind's direction) **Very Important**

The gondola motors' rotation - all of them in clockwise or counter clockwise, but anyhow the wind's thrust direction must be backward. You can put some paper below propeller to do testing before fly.

A. Check motor's rotation direction - turn transmitter on (Take a note again, Throttle control stick must be downward (slow) position). Connect batteries to gondola and to check motor rotation status

B. Install the propeller on motor, the throttle stick approximately 1 / 20 of the way advanced. just trim a little power to check rotor blade (very important no touch when it running), put some paper on bottom of propeller to check wind's direction.) After check well, mount the propeller

Tips**Tip1. - Eexperienced**

It takes more than 2 people to install 2m RC blimp,especially the blimp in big scale need more labors. Use tethered rope to assit intallment.

To inflate blimp, it is best to get more experience indoor. Better hire experieced clerks knows to inflate blimp,or take notes as our suggestion —slow to fill helium

Tip2.

Don't fill too mch gas when you mount the fins and gondola, it is convenient for you to fix these parts to blimp.

Tip3.

Don't fill gas more than its volume, it is easy to destroy the envelope, take a note of joint part of envelope.

Tip4. - Balance of blimp

Keep blimp's head ,rear and body in same level- (use carrying weight bag) - Find out Gravity of blimp, and in order to fly blimp pls Note the sink force.

Tip:5 - Common sense of Helium gas

Helium Grade: 99.999%, helium lift weight 1.1kgs per m3

Helium Grade: 99.00%, helium lift weight 1 kgs per m3

Tip:6 -Sink force weight

It means - all weight of blimp reduces helium lift weight to equal data. If you set blimp well, you can save battery's power to get longer flight time.Fly blimp very ealier.

Data refer

2m rc blimp sinking weigt is not over 20g

Tip 7- Familiar operation

It needs 1 hours to Familiar operate blimp and rc system for a skilled operator who know rc model before.

For new learner needs few hours.

Need to charger 3-4 times battery to make it full.

Rear motor connect "Channel 4" of receiver.

Take note battery connection as explain.

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