

# Opale Paramodels



## Lucas

### User's Guide

**Please read carefully this manual before using your equipment for the first time**

Thanks for having chosen an Opale-Paramodels product. We truly believe this radio-controlled paraglider is going to give you hours of enjoyment and will enable you to go through new outstanding piloting experiences.

This user's guide content includes all the information you need to get your wing fly and to ensure you will take good care of it. A good knowledge of your equipment will allow you to safely make the most of its performances for your greatest pleasure!

Thanks for giving this manual to the new owner in case you decided to sell you radio-controlled paraglider.

Best regards,

The Opale-Paramodels Team

## Safety Information

**You should be properly insured according to the country regulation you are using our equipment in. You hereby accept the inherent risk of flying radio-controlled models.**

**Using our equipment in a bad way may increase risks. Neither Opale-Paramodels nor any other seller will be liable for any damage caused by any accident whatever the circumstances are. The way our equipment is used is incumbent upon the final user, including towards the law.**

## Summary

1. Kit content
2. Pilot assembly

## 1. Kit content



### Included items:

- 1x Lucas Pilot
- 2x GIO Arms
- 1x GIO servomotor plate
- 2x 24 kg.cm servomotors
- 2x Rubbers
- 2x Stainless steel buckles
- 1x Harness
- 1x Flying jacket
- 1x 1kg ballast
- 4x silentblocs
- 1x hardware

### Required items:

- Paramodels wing compatible with Lucas pilot
- One transmitter / receiver set
- Battery for receiver
- Extra ballast
- 2x 10kg.cm servomotor (optional for speedbar use)

## 2. Pilot assembly

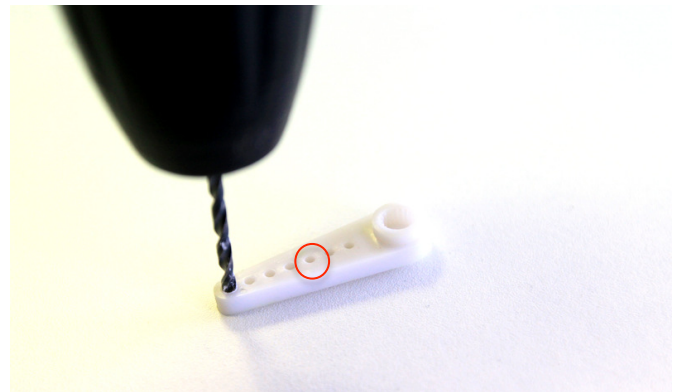
Mounting the arms :  
Assembly the front arms with the GIO Arms by 2 cruciform screws



Mount the 2 silent blocks with the 2 locked nuts  
The silent blocs protect the servomotor gears if you have strong crashes.



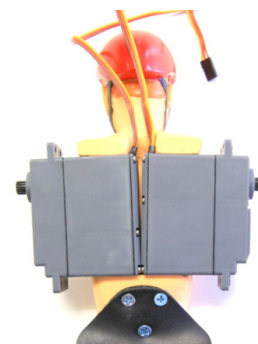
Drill the 1st and 5th hole of the servomotor arm with a 3.3mm diameter drill



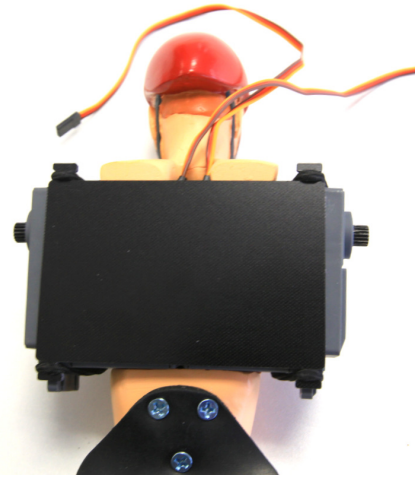
Assembly the servomotor arm with the 2 silent blocs. Use 2 CHC screws M3-10.  
Do the same with the opposite arm.



Mount the 2 servomotors to the back of the pilot. If it's difficult to place the servomotors, please do not hesitate to drill a few in order to have a better adjustment with the resin.

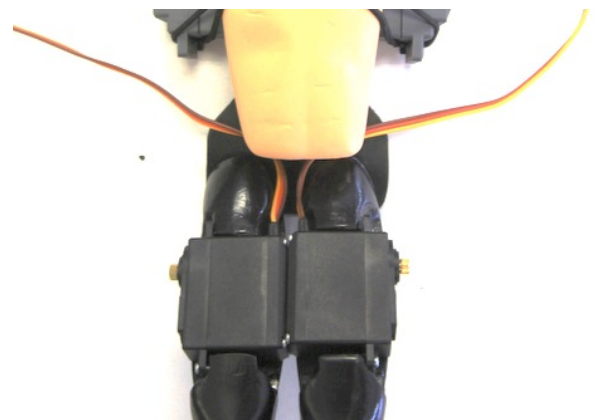


Install the GIO fixation plate to the back. Use the 2 rubbers to fix it as showed.



**Speedbar system installation (with 2x optional 10kg.cm servomotors)**

Place the servomotor in the top of the leg and fix it with 2x cruciform screw as showed.



Dress the jacket by the feet. Please take care to place correctly the axes of the speedbar servomotor in front of the holes.



Close the jacket (the arms of the pilot will be mount at the end)



Place the wires through the hole of the jacket (including the 24kg.cm servo and 10kg.cm servo wires)



First of all, fit the legs inside the harness straps



Place the wires through the hole which is on the back of the harness, in order to connect the equipments inside the harness and to get the best protection



Place correctly the axes of the servomotors to the harness side holes.



Power on the receiver. Then plug the servomotor and put it on the neutral position. Install the arm.

Do the same operation to the opposite side.



Power on the 24kg.cm servomotors on the receiver. Put them on the neutral position (by the transmitter software).  
Set the pilot arms on the servomotors inside the handles.  
On neutral position, the arms have to be horizontal.

Use a CHC M3-8 screw to lock the arm on the servomotor.

Do the same operation to the opposite side.



Two black Velcro tapes are in the back of the harness. On these places, you can put your receiver and the battery



Set to the extremity of the speedbar servomotor arm a cruciform screw (provided in the servomotor hardware zipbag)  
Here place the 20cm bridle. It has to move through the ring which is on the harness as on the right picture.  
This bridle has to be connected to the wing if it's compatible with a speedbar system function.



The assembly of Lucas pilot is finished.

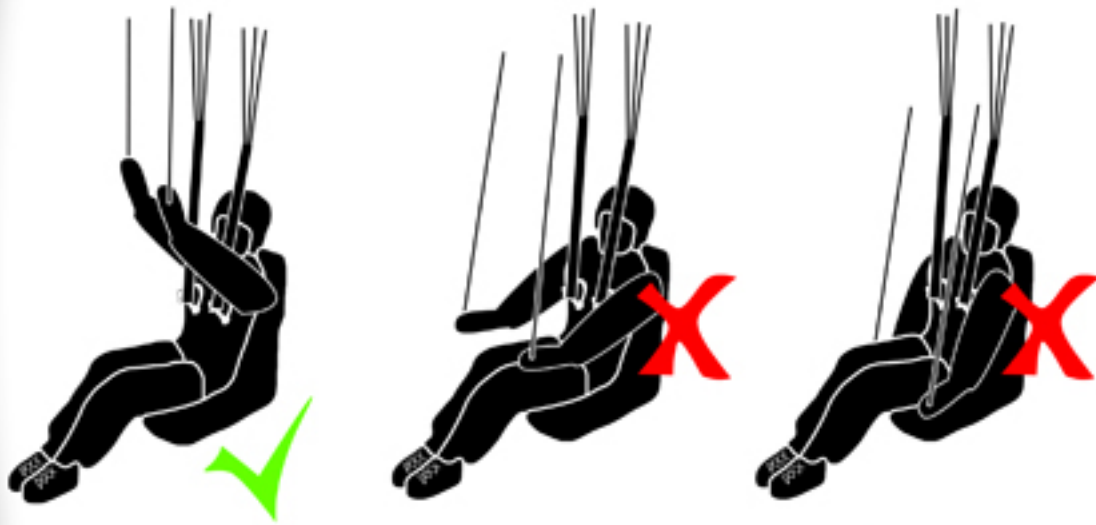
Check the right working of your Rc Remote System and don't forget to place enough weight inside the harness depends on the weather conditions (refer to your wing characteristics).

Watch our tutorial videos for the Rc Transmitter settings.



# 1 Position neutre : bras hauts

Standard position: arms up



## 2 Les 2 tests de contrôle

The 2 pre-flight controls



Bras hauts /  
Arms up

Gonfle / Inflates

Ne gonfle pas / Doesn't inflate

1



Bras bas /  
Arms down

Gonfle / Inflates

Ne gonfle pas / Doesn't inflate

2

