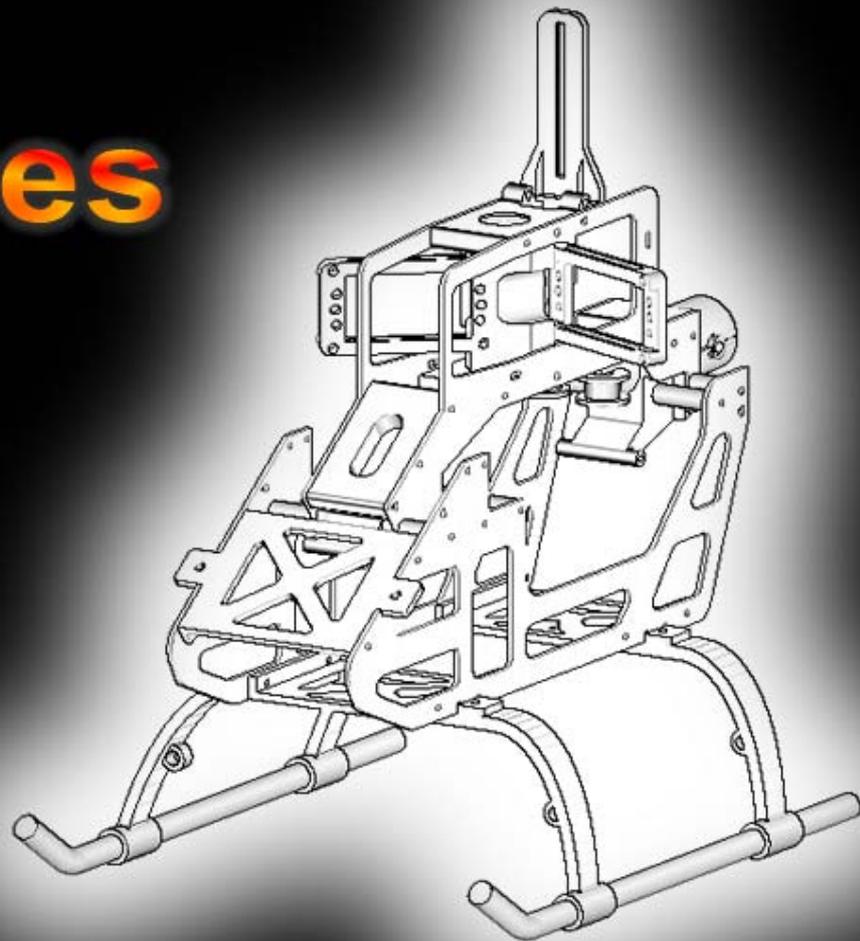




# Radon Series

GR3-4606

## Fiber Frame





# Radon Series

GR3-4606

Fiber Frame

## Preface

Thanks for purchasing Guru-Z products. The frame is designed for CCPM mechanism helicopter, using CNC aluminum material provide a light, precise, consolidate frame. Please read the manual carefully before assembling the model. You may always get the latest online version of the manual via <http://www.guru-z.com/download/manual/>

## Key Features

- Provide a platform for pilot to use their own rotor head and modify to suit their needs
- Symmetric servo layout, servos be positioned at a real 120 degree platform
- Rigid frame structure
- 12mm tail boom adapt TREX / Compy / Shaman Parts
- Adjustable motor mount
- Durable and elastic landing skid
- CNC Servo mount & center mount
- Choicable color

## Tools needed

- 1.5mm philip "+" head screwdriver
- 1.5mm Hex driver
- Plier
- Loctite
- Grease

## Notes on screws type

- Please use the screws carefully. Types of Screws used are shown below.





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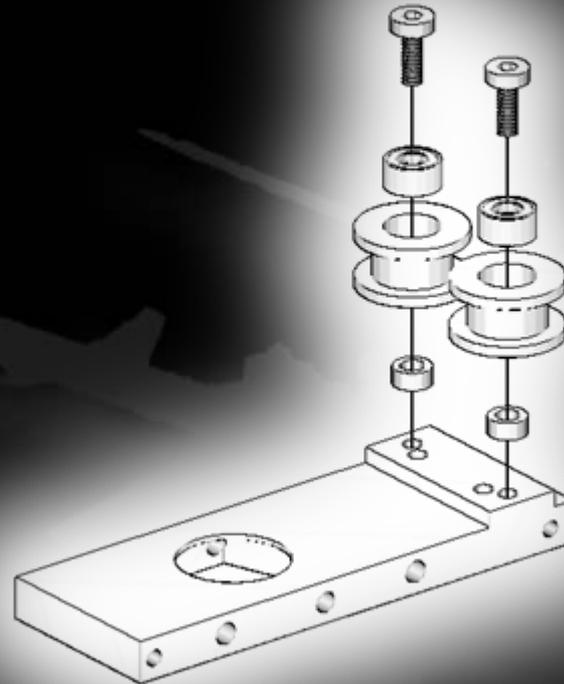
Fiber Frame

## Step 1

Screws Used	
HM 2x6mm	2 pcs
Bearing Used	
2x5x2.5mm	2pcs

**Note:**

Install the belt guide as in the diagram. The belt guide should be secured and rotating freely.





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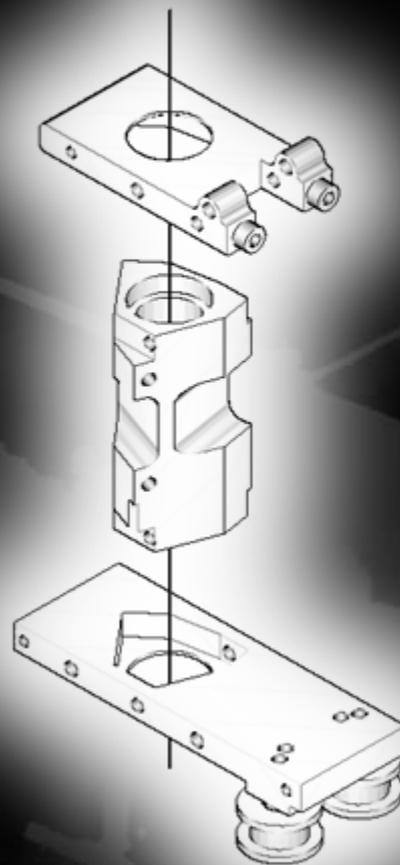
## Fiber Frame

### Step 2

Screws Used	
-	-
Bearing Used	
5x10x3mm	2pcs

**Note:**

Make sure the Frame Hub is inserted completely into the Frame mount. Holes should be aligned.





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## Step 3

Screws Used	
PWB 1.7x4mm	18pcs
HM 2x5mm	4pcs
SM3x3mm	1pcs
Bearing Used	
-	-

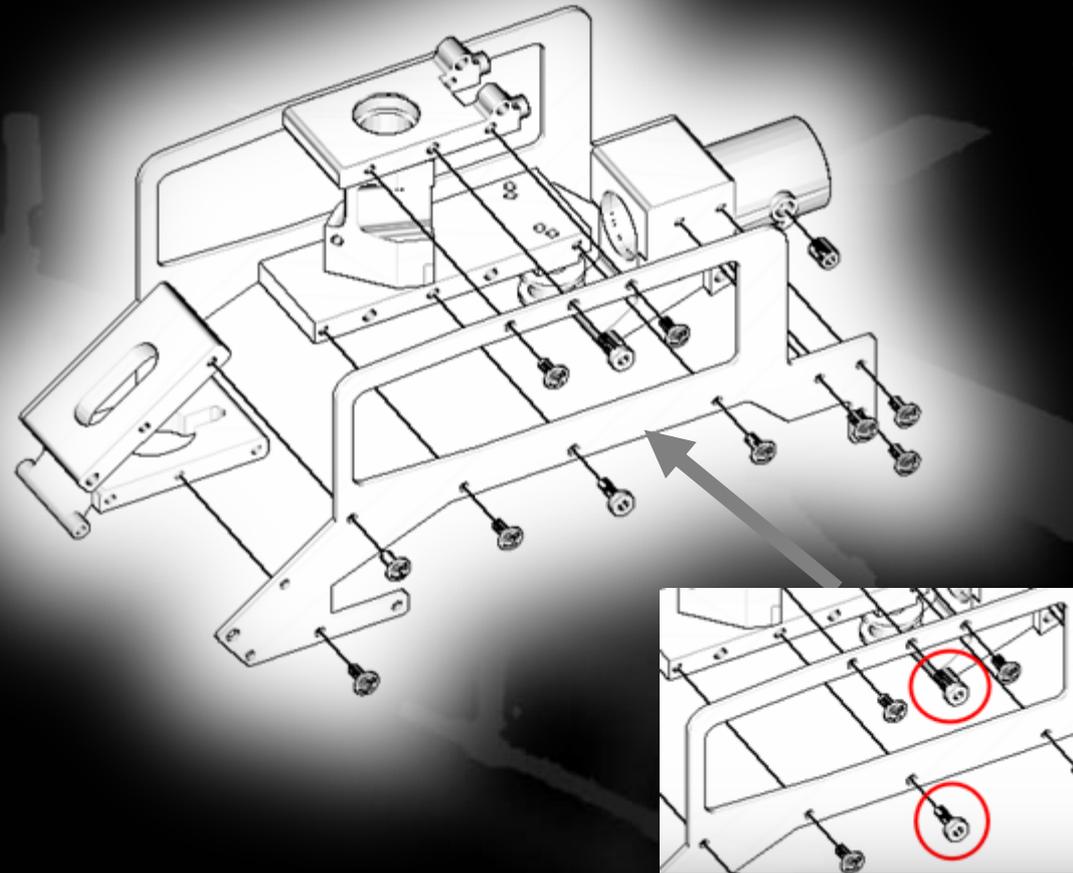
### Note:

Install the parts as shown in the diagram.  
NOT all holes need screws at this stage.

Make sure the 2 screws marked red circle in the diagram is the HM2x5mm. If you use incorrect screws, the Frame Hub will be damaged.

If you plan to use a bigger motor, you should install the motor at the stage.

GE-38H Brushless motor are able to be installed after finishing the frame.





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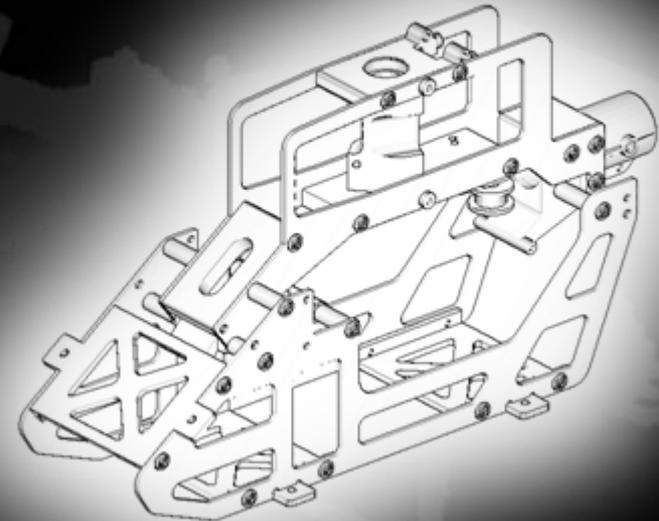
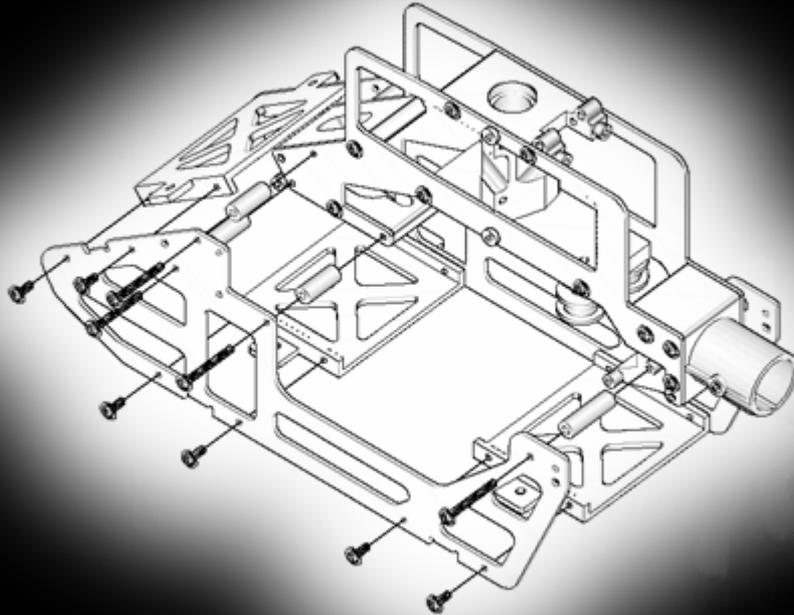
## Fiber Frame

### Step 4

Screws Used	
PWB 1.7 x4mm	12pcs
PWB 1.7 x14mm	8pcs
Bearing Used	
-	-

**Note:**

There are 2 kinds of inter-frame support. The 2 longer rods should be install at the rear part of the frame.





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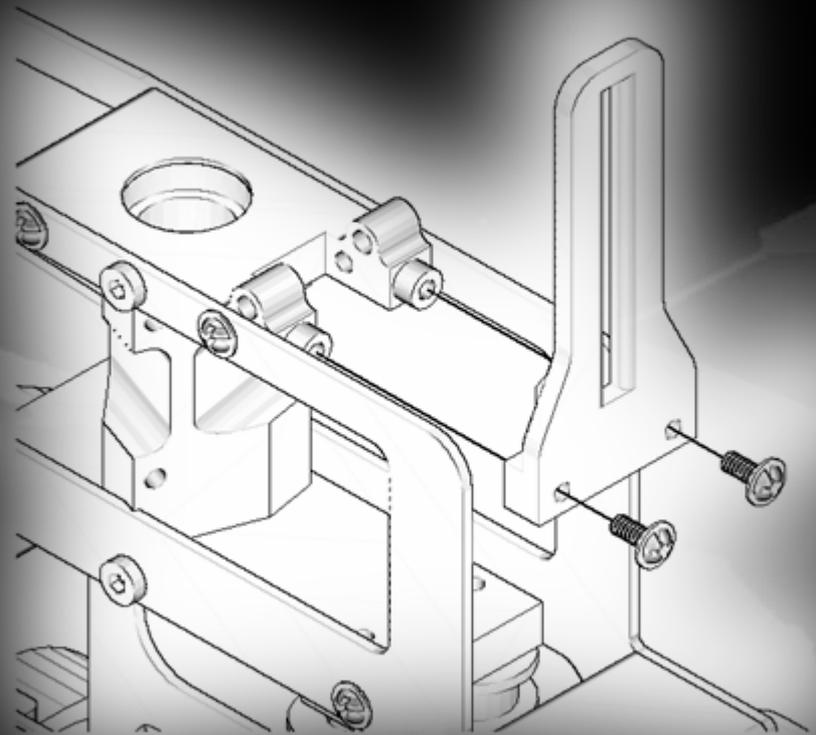
Fiber Frame

## Step 5

Screws Used	
PWB 1.7 x4mm	2 pcs
Bearing Used	
-	-

**Note:**

Install the anti-rotation bracket as shown.





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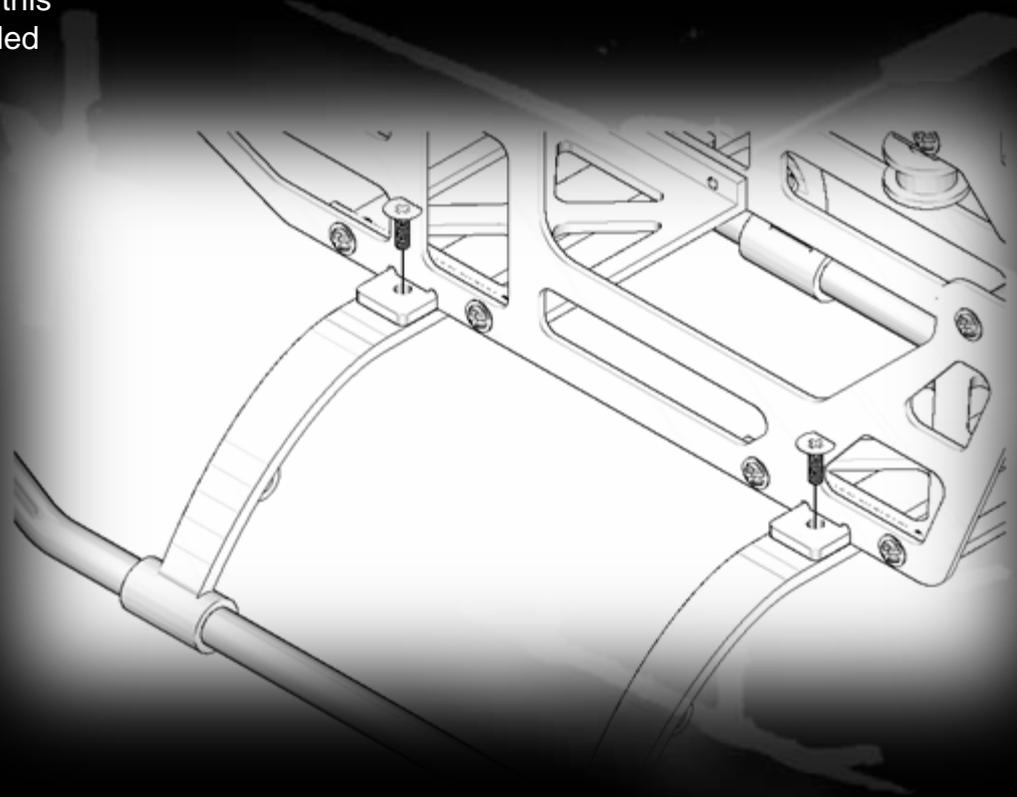
Fiber Frame

## Step 6

Screws Used	
CB 1.7 x7mm	4 pcs
Bearing Used	
-	-

**Note:**

Landing Ski should NOT be installed at this stage if you are planning to use the scaled cabin.





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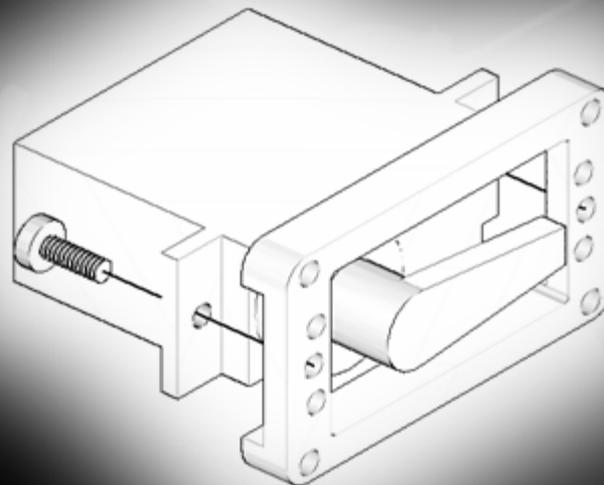
Fiber Frame

## Step 7

Screws Used	
HM2x4mm	6pcs
Bearing Used	
-	-

**Note:**

Construct 3 sets of the servo as shown. If you are using Hitec 65 size servo, use the corner holes. If you are using typical TWF / TowerPro servos, use the middle holes.





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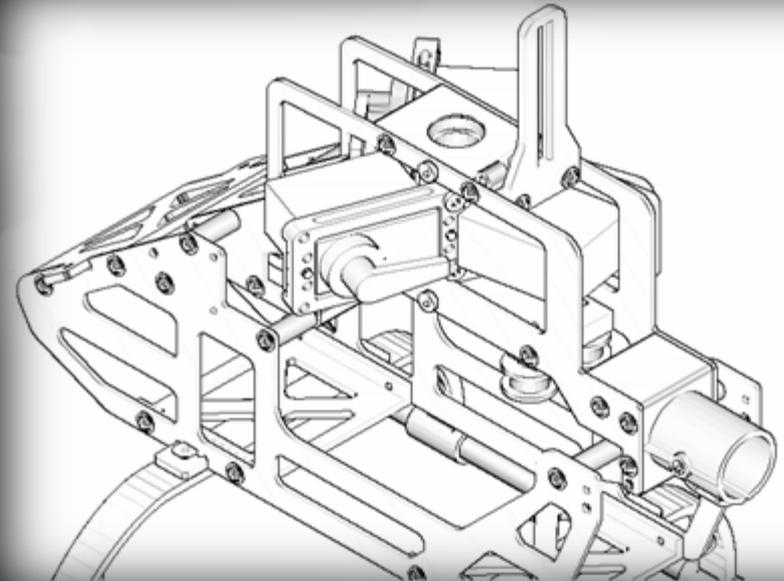
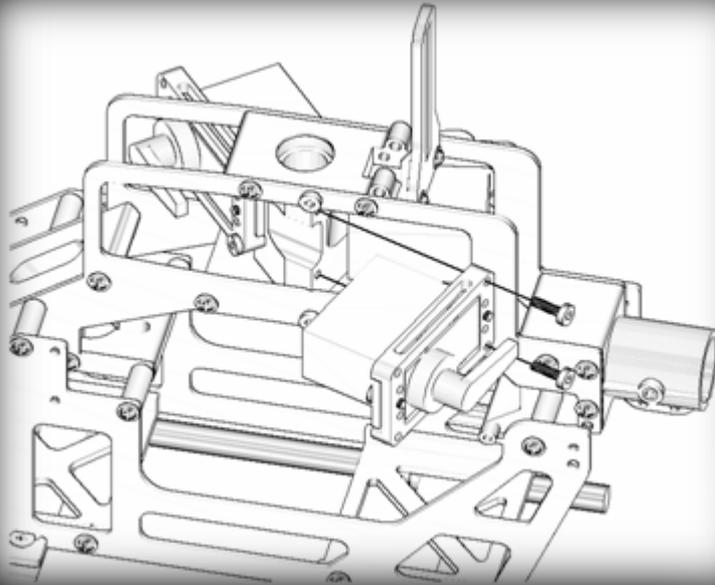
## Fiber Frame

### Step 8

Screws Used	
HM2x6mm	2 pcs
Bearing Used	
-	-

**Note:**

Install the servo mount to the frame. Note that the Rear Right servo must be installed first because it goes inside the frame.





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Fiber Frame

## Final Step

### Note:

Install the rest of components such as electronics and tail system to complete the helicopter.

And finally, setup the transmitter and tune the helicopter setting.

Enjoy the excellent performance of Radon Fiber Frame.

