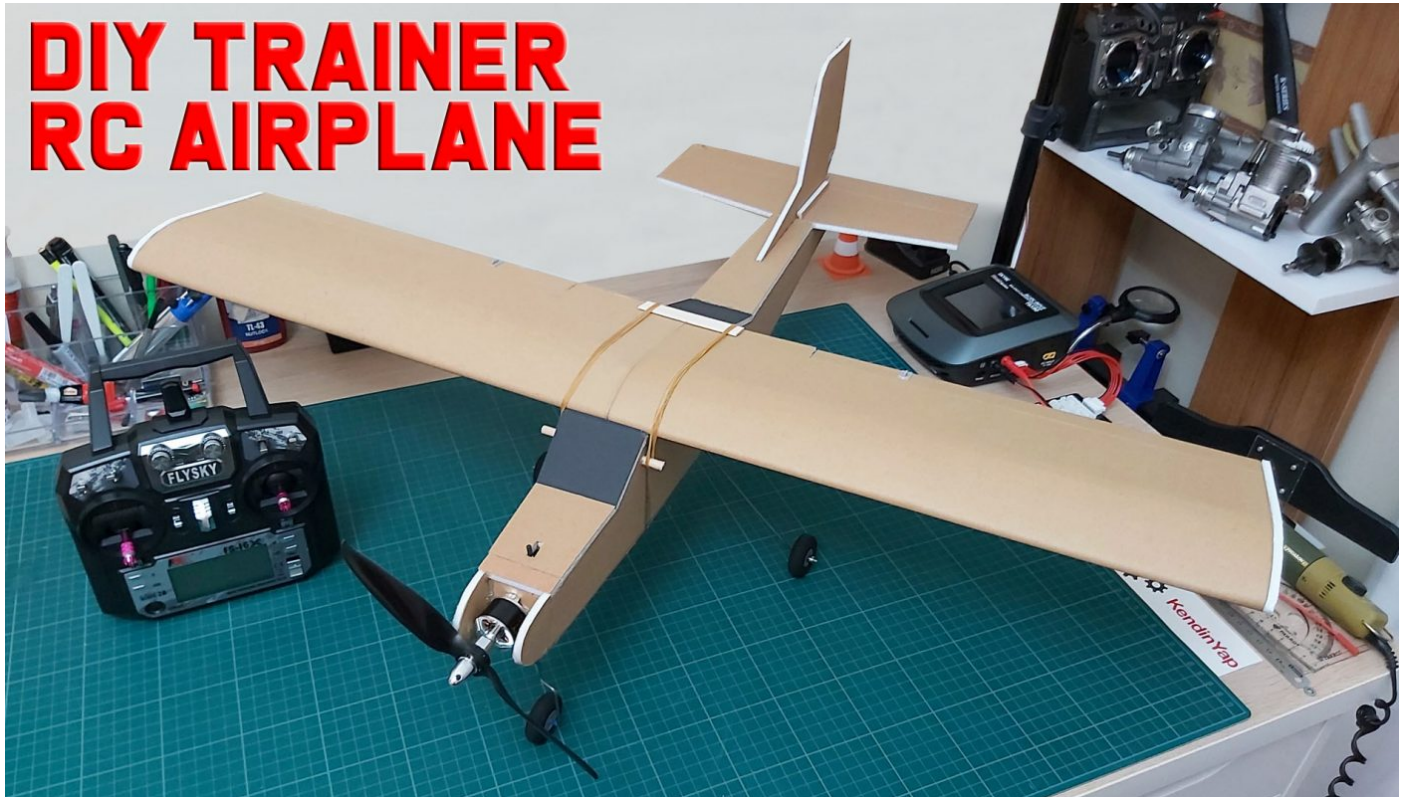



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# How To Make RC Trainer Airplane. DIY Model Airplane For Beginners

 05/19/2020

Making RC trainer model airplane for beginners. Brushless motor, Four channels

The model airplanes that are ideal for beginners are training models. How to make a training RC model plane?

Prefer training model aircraft while starting the remote control model plane hobby will be much more useful in the process of learning to fly.

### ***Necessary Materials:***

- \* 2212 980 or 1400KV Brushless Motor: [https://s.click.aliexpress.com/e/\\_DlonA47](https://s.click.aliexpress.com/e/_DlonA47)
- \* 8×6 propellers: [https://s.click.aliexpress.com/e/\\_DCOHcLh](https://s.click.aliexpress.com/e/_DCOHcLh)
- \* 30A Brushless ESC : [https://s.click.aliexpress.com/e/\\_DED8ca7](https://s.click.aliexpress.com/e/_DED8ca7)
- \* 1 x LiPo Battery 11.1V 1000 mAh: [https://s.click.aliexpress.com/e/\\_DEnwHph](https://s.click.aliexpress.com/e/_DEnwHph)  
OR 11.1V 1300 mAh: [https://s.click.aliexpress.com/e/\\_Dd8cw0L](https://s.click.aliexpress.com/e/_Dd8cw0L) OR  
<https://www.banggood.com/custlink/KD3EkUCNwU>
- \* (2pcs) 40mm wheel: [https://s.click.aliexpress.com/e/\\_DBKUPzd](https://s.click.aliexpress.com/e/_DBKUPzd)
- \* 4 pieces horns: [https://s.click.aliexpress.com/e/\\_DDCKYlh](https://s.click.aliexpress.com/e/_DDCKYlh)
- \* 4 or 6 channel radio control system: [https://s.click.aliexpress.com/e/\\_DkvL2SL](https://s.click.aliexpress.com/e/_DkvL2SL) OR  
[https://s.click.aliexpress.com/e/\\_DduQ3fv](https://s.click.aliexpress.com/e/_DduQ3fv) OR [https://s.click.aliexpress.com/e/\\_DCPHEVN](https://s.click.aliexpress.com/e/_DCPHEVN)
- \* 4 micro servos (may be 9gr servos): [https://s.click.aliexpress.com/e/\\_Dm9dNHh](https://s.click.aliexpress.com/e/_Dm9dNHh)
- \* Gold Connectors 3.5mm (Motor & ESC connections):  
[https://s.click.aliexpress.com/e/\\_DmxurfH](https://s.click.aliexpress.com/e/_DmxurfH)
- \* Wheel stopper: [https://s.click.aliexpress.com/e/\\_DCcQYir](https://s.click.aliexpress.com/e/_DCcQYir)
- \* Y extension cable: [https://s.click.aliexpress.com/e/\\_DegReWn](https://s.click.aliexpress.com/e/_DegReWn)
- \* Adjustable Linkage stopper (Easy Link): [https://s.click.aliexpress.com/e/\\_Dkvqb51](https://s.click.aliexpress.com/e/_Dkvqb51)
- \* Pushrods & landing gear rod: [https://s.click.aliexpress.com/e/\\_DENblcj](https://s.click.aliexpress.com/e/_DENblcj)
- \* L type nylon clevis keeper clip: [https://s.click.aliexpress.com/e/\\_DkuA2an](https://s.click.aliexpress.com/e/_DkuA2an)
- \* Canopy Hatch Lock : [https://s.click.aliexpress.com/e/\\_DE3cpQF](https://s.click.aliexpress.com/e/_DE3cpQF)
- \* Fiber Strips Adhesive Tape : [https://s.click.aliexpress.com/e/\\_DlMRzRZ](https://s.click.aliexpress.com/e/_DlMRzRZ)
- \* Fastener strip : [https://s.click.aliexpress.com/e/\\_DnNJGjd](https://s.click.aliexpress.com/e/_DnNJGjd)
- \* Heat-Shrink: [https://s.click.aliexpress.com/e/\\_DnMQjEj](https://s.click.aliexpress.com/e/_DnMQjEj)
- \* Plastic Tube (2×3): [https://s.click.aliexpress.com/e/\\_DmthiSF](https://s.click.aliexpress.com/e/_DmthiSF)
- \* Optionel steering arm: [https://s.click.aliexpress.com/e/\\_DdDbu7Z](https://s.click.aliexpress.com/e/_DdDbu7Z)
  
- \*Screw Locking: [https://s.click.aliexpress.com/e/\\_DEpx35p](https://s.click.aliexpress.com/e/_DEpx35p)

\* Lipo Battery Charger: [https://s.click.aliexpress.com/e/\\_DF5pqIz](https://s.click.aliexpress.com/e/_DF5pqIz) OR  
[https://s.click.aliexpress.com/e/\\_DlwNzmj](https://s.click.aliexpress.com/e/_DlwNzmj)

\* Hot melt Glue Gun: [https://s.click.aliexpress.com/e/\\_DkCDXLd](https://s.click.aliexpress.com/e/_DkCDXLd) OR  
[https://s.click.aliexpress.com/e/\\_DnDleen](https://s.click.aliexpress.com/e/_DnDleen) OR [https://s.click.aliexpress.com/e/\\_Dl2EcLt](https://s.click.aliexpress.com/e/_Dl2EcLt)

Onboard Camera:

RUN CAM II : [https://s.click.aliexpress.com/e/\\_DkH4II7](https://s.click.aliexpress.com/e/_DkH4II7)

RUN CAM II 4K : [https://s.click.aliexpress.com/e/\\_DlDs9EB](https://s.click.aliexpress.com/e/_DlDs9EB)

Some of the shops that sell Kraft Foam Board:

<https://www.amazon.in/Pacon-Water-Resistant-Board-Natural-Boards/dp/B07CKBGQFB>

<https://pacon.com/board-480/water-resistant-foam-board.html>

<https://tinyurl.com/4ups272k>

<https://www.foamboard.shop/en/foamboard-ce775-5mm-70x100cm-b.html>

<https://www.enasco.com/p/Pacon-Water-Resistant-Foam-Board—20-in-x-30-in-%2B9742012>

<https://www.mwmaterialsworld.com/es/productos-en-exclusiva/plancha-de-carton-pluma-de-colores-280-gr-m2.html>

### ***Technical Specifications:***

Length: 640 mm

Wing span: 810 mm

Flight weight: About 495 gr

Center of gravity: 4.6 – 5.2cm from the front of the wing

Required control system: Min. 4 channels, 4 micro servos

Suitable battery: 11.1V 1000Mah – 1300Mah Lipo battery

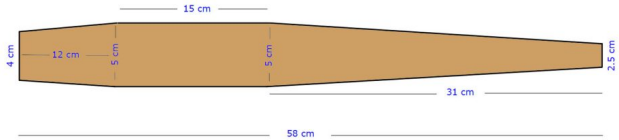
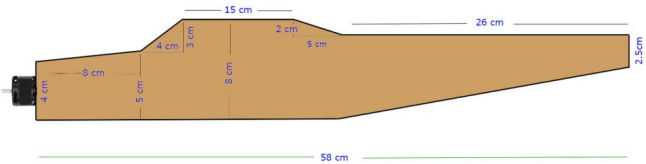
Suitable motor: 2212 Brushless Motor (980-1400KV)

Suitable propeller: 2 Blade 8×6 (8060)

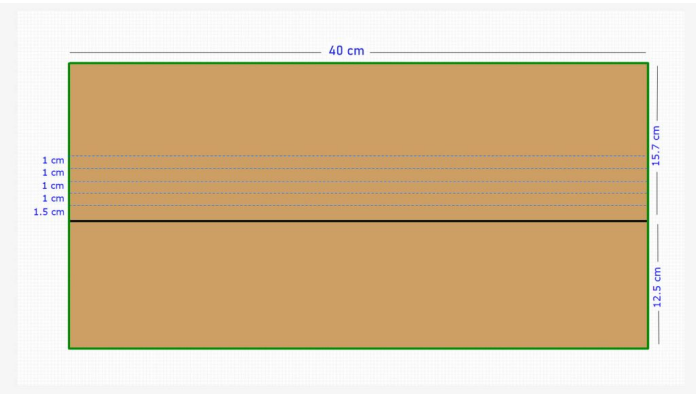
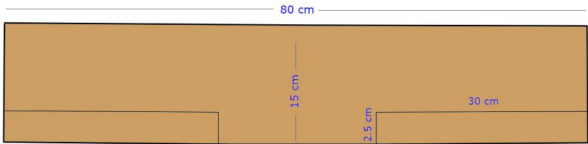
Flight Time: About 7-8 minutes for 1000mah LiPo / about 9-10 minutes for 1300mah LiPo

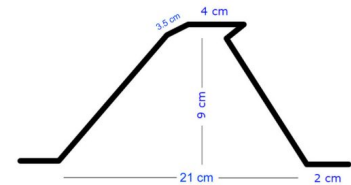
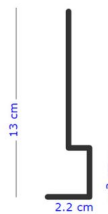
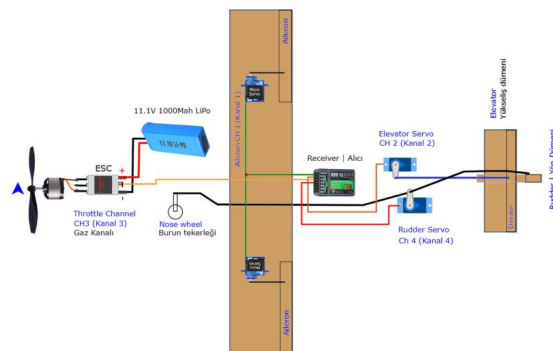
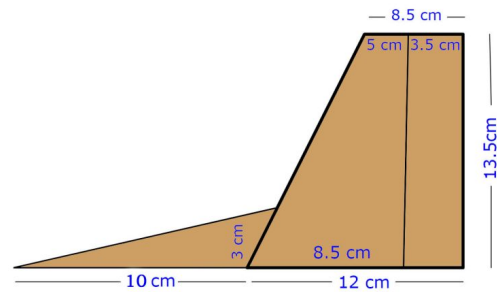
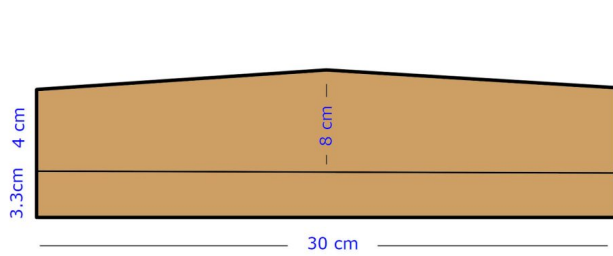
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