Radian Pod Installation Instructions

Note: prior to gluing pieces, dry fit the entire pod to insure there are no binding joints. Lightly sand any connections that are excessively tight.

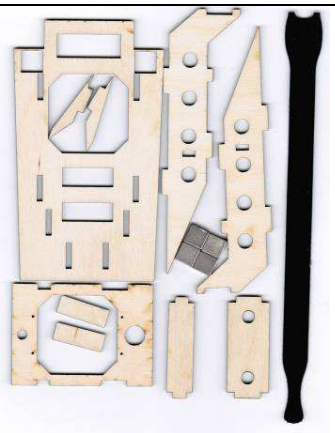
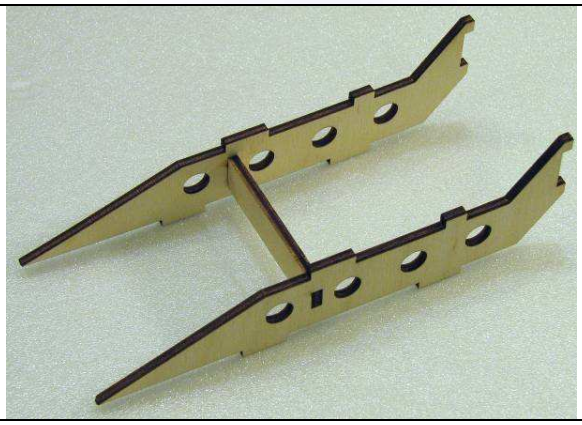
Items required for completion of pod kit:

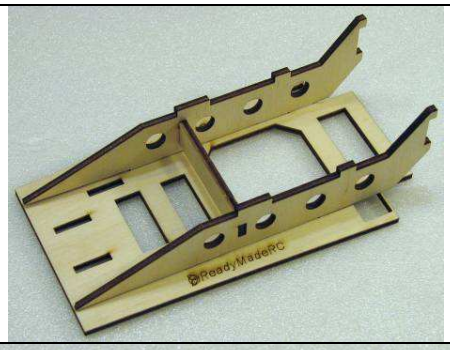
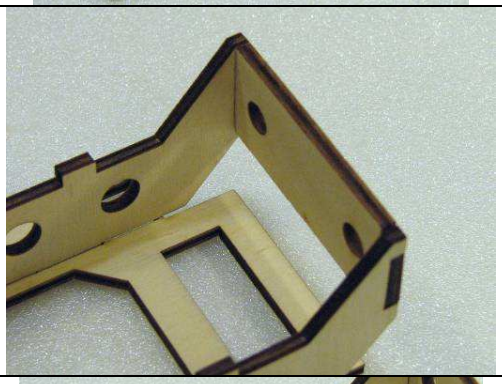
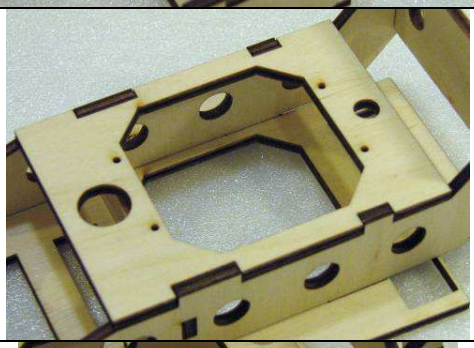
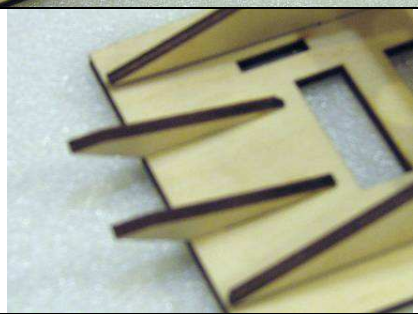
- Double sided servo tape to apply TX, camera, and tilt servo
- Pull-ties to hold TX against tape and for holding your wiring down
- Medium CA
- 5 minute epoxy
- Your camera/video TX, and other FPV gear!

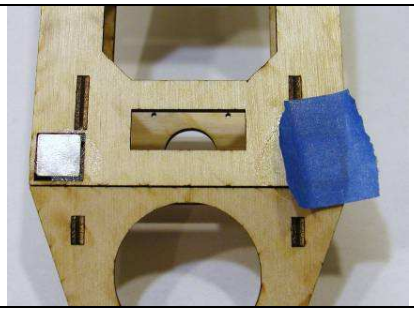
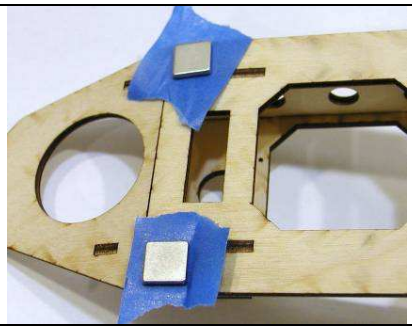
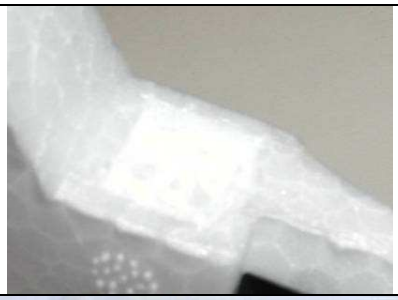
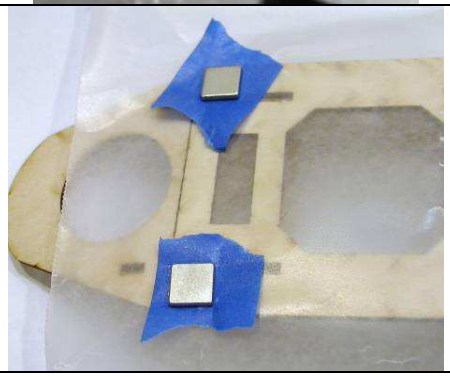
Items required for completion of pre-assembled pod:

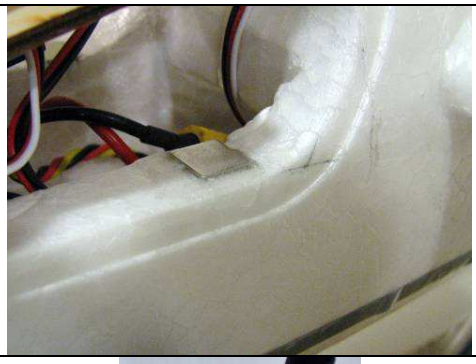
- 5 minute epoxy
- Your camera/video TX, and other FPV gear!

<u>For pre-assembled pods skip to step 10.</u>

1. Verify all components shown are included. (Pan/Tilt module instructions listed separately)	
2. Connect the two side rails to the cross member.	

3. Connect the bottom plate to the side rails.	
4. Connect the back plate to the side rails.	
5. Install the platform on the side rails.	
6. Install magnet covers	
7. Install the two front tabs	

8. Place masking tape on one side of magnets to be installed into pod. This keeps epoxy from getting on the outside surface. Mix 5 minute epoxy and apply enough in the magnet pockets to fill them but still allow enough room for the magnets to be inserted. Press the magnets into place and tape securely until cured. (installed magnet shown on left)	
9. Complete the Pan/Tilt Module Instructions www.readymaderc.com/store/manuals/PanTilt.pdf	
PRE-ASSEMBLED PODS START HERE:	
10. Place magnets over the magnets that have been installed in the pod.	
11. Place the pod into the cockpit area and press the magnets into the foam to leave indentations.	
12. Cut out the foam to allow the magnets to sit recessed in the fuselage. Leave enough area for the epoxy to fill in.	
13. Place a piece of wax paper over the magnets that are installed in the pod. Make sure the entire magnet region is covered. Apply two small pieces of masking tape to the magnets that are to be installed in the fuselage. Make sure the tape is applied to the side of the magnet that will eventually be in contact with the magnets in the pod. This is to prevent epoxy from leeching over the surface of the magnets.	
14. Fill the cutouts in the fuselage with 5 minute epoxy, leaving enough room for the magnets to be inserted.	
15. Insert the pod into the fuselage, making sure that it fully seats into the cockpit. The fit will be snug. Press and hold securely until the epoxy has hardened. Avoid moving as much as possible during this time to prevent a loose connection.	

16. Once the epoxy has cured the pod can be removed by lifting the rear section off first. Carefully remove all tape.	
17. The video TX can be mounted to the back plate using double sided tape and pull-ties.	
18. The camera can be mounted to the back plate using double sided tape.	
19. Route wires carefully. Make sure enough play is left in the wires to allow for full rotation without restrictions. Slack in wire should move side to side, not up and down, during the rotation of the pod to prevent binding. Tie the wires down using pull-ties.	