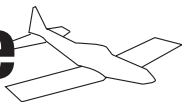


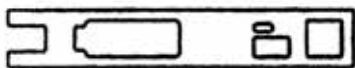
U.S. AirCore

Model Aircraft Manufacturing

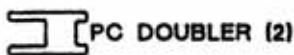


Please read this instruction sheet carefully before constructing your Power Cartridge (PC)

Power Cartridge Parts:



PC BASE (2)



PC DOUBLER (2)



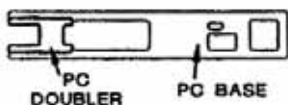
NOSE GEAR
BLOCK (1)



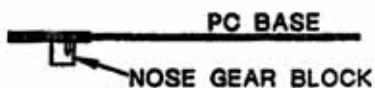
WOOD
SCREW (1)

Assemble the Power Cartridge base as follows:

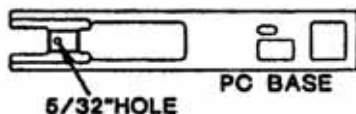
1. Work over a piece of wax paper to protect your table. Epoxy will not stick to wax paper.
2. Use a high quality **30-minute epoxy** from Great Planes (GPMR6047).
3. Mix about 2oz. of epoxy in a 1:1 ratio (see instructions on the epoxy bottle). Use a small mixing stick to thoroughly mix the glue.
4. Glue the **PC Base** halves together by spreading a **thin** layer of glue onto the entire mating surface of **both** halves.
5. Line up and squeeze the two halves together. **Wipe off any glue that seeps from the edges.**
6. Place the assembly over wax paper and weight it down until the glue cures. **Make sure the two halves do not shift while the glue cures.**
7. Mix about 1oz. of epoxy and spread a **thin layer** onto one side of each plywood doubler.
8. **Squeeze** the doublers, one on each side of the PC Base so that the shapes line up.



9. Attach the nose gear block to the assembly using a small amount of epoxy. Let cure.



10. For extra strength, add a wood screw through the PC Base and into the nose gear block. Drill a **3/32"** pilot hole for the screw.
11. Drill a **5/32"** hole for the nose gear strut.



12. This is a good time to fuelproof your Power Cartridge. Use fuelproof model paint or 30-minute epoxy. If you use epoxy, it can be thinned with isopropyl alcohol and then brushed on. **Let cure.**
13. Install your engine, fuel tank and servos as detailed in your kit instruction book.
14. Using **hook and loop material**, install your receiver and battery. Route the leads through the hole provided.
15. Slide the **Power Cartridge** into the fuselage rails. You may need to sand the edges for a smooth fit.
16. Attach the Power Cartridge to the rails using four #4 x 1/2" sheet metal screws.

***Look for more exciting Aircore products
at your Hobby Dealer.***

U.S. AirCore 
Model Aircraft Manufacturing

P.O. Box 788, Urbana, IL 61801 (217) 398-8970

PCK4P03