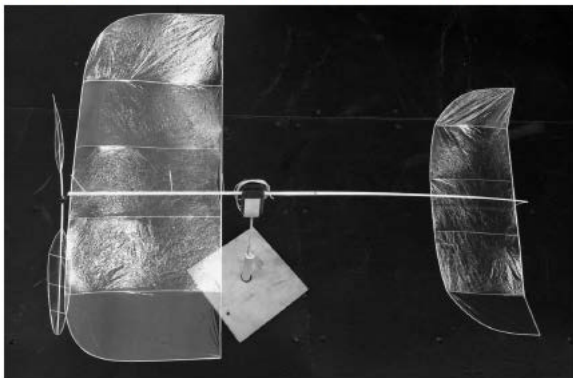


Girder Grabber V is a radical departure from the successful Girder Grabber III airframe. These changes were primarily made to address the previous model's inability to perform in high ceilings. Some of this was undoubtedly a function of wing loading, but the twin stab tips help produce a much better climb pattern. The prop is the same one used since early 2016. Covering was switched to Y2K to save a little weight, resulting in a 24% reduction in wingloading. The motorstick is now quite long and perhaps too vulnerable so that the wing twist at launch is actually excessive.



Like the modifications implemented in the previous model, I have further extended the tailboom and increased the stab area. The result is a very stable model that seems relatively oblivious to mildly choppy conditions. The required stab incidence seems "just right". On the record flight, Girder Grabber V climbed all the way to the peak of the roof in less than 2 minutes, bumping until the 5 minute mark. It descended to 18' before beginning a second climb around 10 minutes, reaching the peak again around 18 minutes. The last ceiling bump occurred at a staggering 23:30, indicating that a huge amount of energy is still being wasted.

Unlike the previous models, this is a pure performance machine. If you build one, be prepared to increase the wood sizes if you aren't prepared for a light model this large.

