

Date: 29 Aug 2023

Hello KaroroCAD users,

This is the first of what I hope to be a semi-regular update on developments on the KaroroCAD suite of development tools.

Right now KaroroCAD consists of four tools:

- Online Inflatable Kite Design - https://www.karorocad.online/KcadV0_9/
- Online Inflatable Wing Design - https://www.karorocad.online/KcadWing_Private_Demo/
- Inflatable Kite Design plugin for Rhino 7 - KaroroKITE
- Inflatable Wing Design plugin for Rhino 7 - KaroroWING

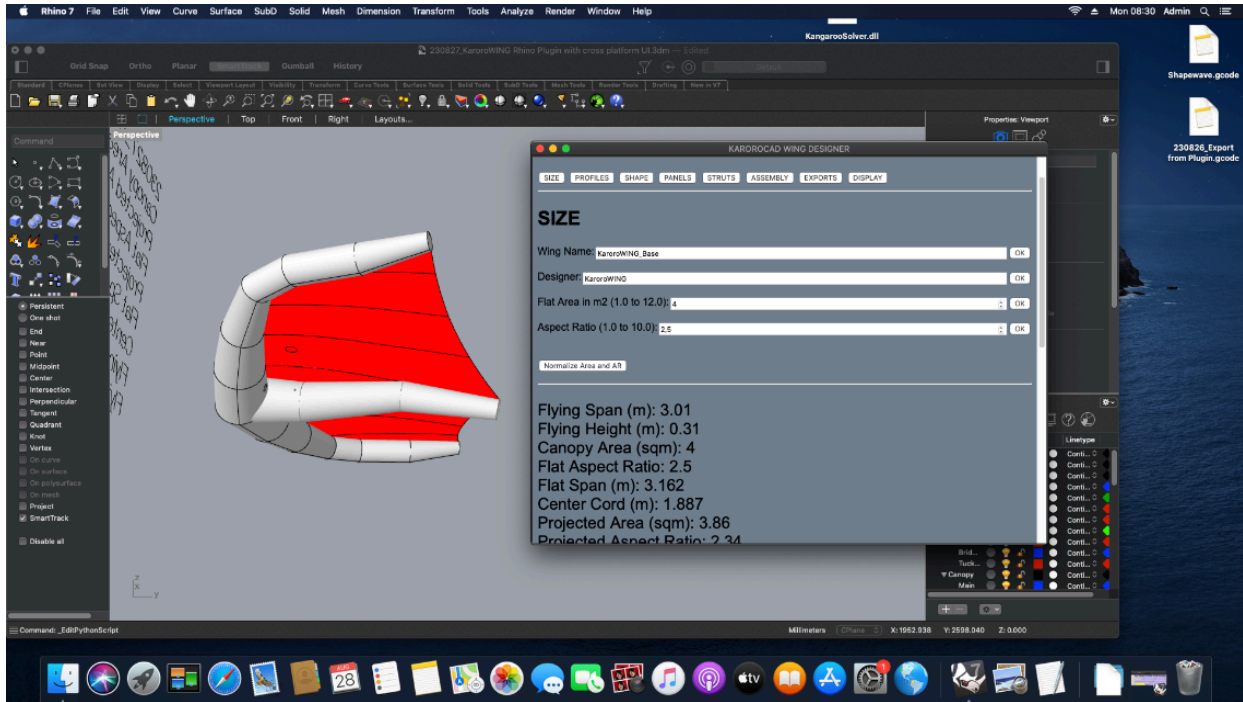
All four of these remain, for the time being, free to use for non-commercial projects as well as commercial development - with the pay back to me consisting of feed-back, bug finding and feature requests.

As I'm just a single developer working on KaroroCAD in my spare time please understand that my time is limited but I am doing my best to develop these tools into a compelling, fully featured suite of tools for the development of our sports.

One recent point of interest that has come up with the Rhino plugins was the option to run these on Rhino for MacOS. This has not been possible to this point due mainly to how the user interface for these tools was built - on a 100% Windows only frame work.

Over the past few weeks I've been looking at options for a cross platform user interface solution for Rhino plugins and have ended up developing my own framework for this.

This has been, and still remains a serious amount of work to get completed, but we now have a path that should lead to KaroroCAD for MacOS:



I believe that there is a good market for a native MacOS Wing (and later Kite) design option, hence putting the time into this. Standby for future updates on this development.

This leads me on to future development plans with KaroroCAD, this is what I have either in process or planned:

- Cross Platform KaroroWING plugin for Rhino - Windows/MacOS

I do not want to split the code base into Windows and Mac versions so when the Mac version is ready I will roll out a new windows version at the same time. Plan is to try and not break/change any current .WING files. The user interface will change appearance, but I'm working on keeping the current layout so your tools will all be in the same locations.

- KaroroWING panel cut options

There have been requests for different panel layouts and cuts in KaroroWING, some work has been along these lines, with more coming - updates will go out as I have options that need testing.

- KaroroTUNE stand alone

Many of you have asked for the Karoro Bridle design and tune options to be able to import/build on SurfPlan kites. This is now slated as a project, this will be a commercial only tool and have a monthly charge when it is available.

- KaroroCAD.online tools

These are in need of an update - including public release of the latest Shapediver user interface/platform and native JSON file download/upload. There is a plan to develop a KaroroCAD website with information on all the tools and release V1.0 versions of the online tools at the same time as the new website.

- KaroroCAD YouTube - <https://www.youtube.com/@KaroroCad>

I recently built a YouTube channel for information/instruction videos for KaroroCAD tools, as new things are developed I will upload videos here.

- FUTURE plans

KaroroPARA has been requested and should get worked on in 2024

KaroroTENT, this has been suggested and I do have some code from 2018 for inflatable beach tents, anyone else in need of this type of tool?

I think that is it for now, as always thank you for all of your support and feedback.

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Best Regards,

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RAD SKY DEVELOPMENT