

## ***RCCD CLUB PROJECT 2011***

### ***Main Wing Construction***

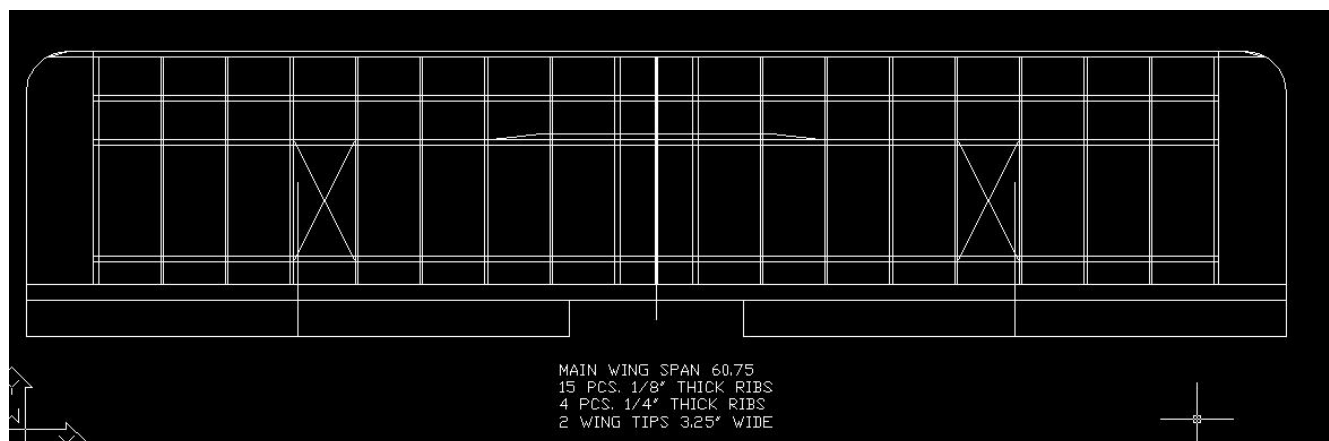
#### ***Wing Span Options:***

*The wing can be configured with different wing span lengths by adding an additional rib per side. Wing tips can be altered to your design or just eliminate the wing tips and go with a clipped wing. These end treatments will also affect the wing span in length. The preshaped aileron length is in proportion to the original wing span design of 60". The wing tips are 4" wide and can be altered as needed. When you alter the wing span or the wing end treatment let the outboard end of the aileron travel with the outboard edge of the wing. The distance between the fuselage and the inboard edge of the aileron will just lengthen. Try to keep the aileron servo door locations lined up close to the center of the aileron.*

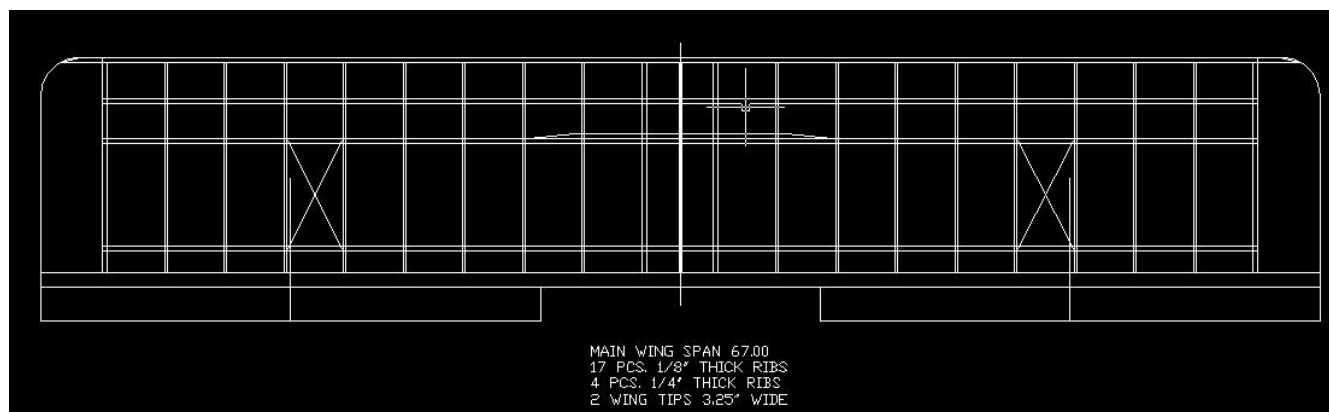
*There is enough material supplied with the plane, to make the alterations. There are a total of 19 laser cut 1/8" thick ribs (enough for the wing plus spares). The spars and sheeting are also long enough for the alterations.*

*The following options are just a sample of the options you can design and make:*

*This option has a 60.75" wing span and is close to the original designed wing span of 60". It has a total of fifteen 1/8" thick ribs and four 1/4" thick ribs, with 3.25" wide wing tips.*



*This option has a 67" wing span and is like the option above but with an additional 1/8" thick rib added to each side of the wing. It has a total of seventeen 1/8" thick ribs and four 1/4" ribs, with 3.25" wide wing tips. Note, the ailerons travel outboard with the edge of the wing and the space between the fuselage the inboard edge of the aileron just increases.*



*The following page contains a few more options. Note that if using the wing tips, their shape can be changed - angled back like the original Das Ugly Stik; rounded like a Piper Cub's; blocked and shaped like a P-51's; etc.*

