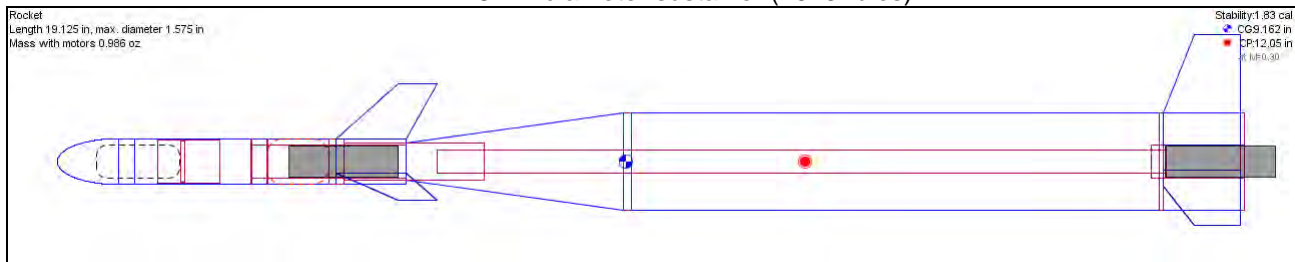


#### 2.4.4 Minimum Dimensions

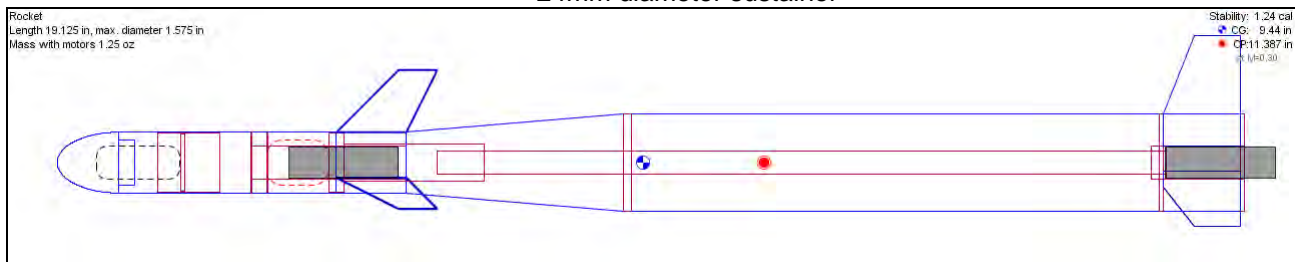
Supporting Data (S1): The first illustration below shows a typical S1B model that conforms to the dimensions specified in the SM Code, 2013 version. The winning flights at the 2012 World Spacemodeling Championships exceeded 700 meters altitude.

The second illustration shows an S1B model that has a 24mm diameter sustainer. Altitude calculations predict that using a 24mm sustainer will reduce the maximum altitude by ~20%. The sustainer is ~33% more visible.

18mm diameter sustainer (2013 rules)



24mm diameter sustainer



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