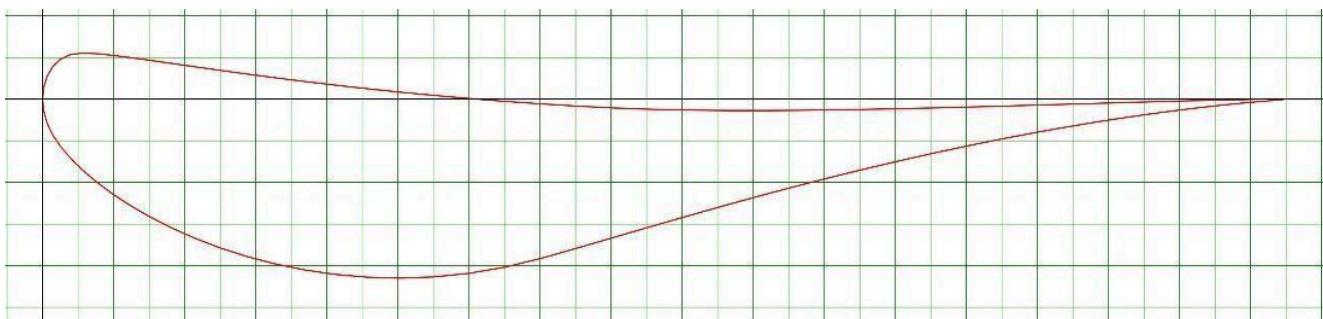
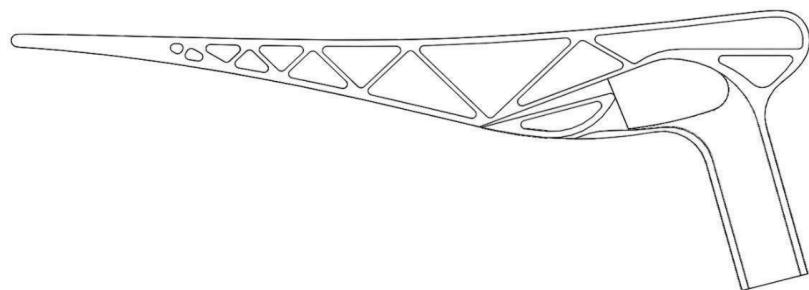


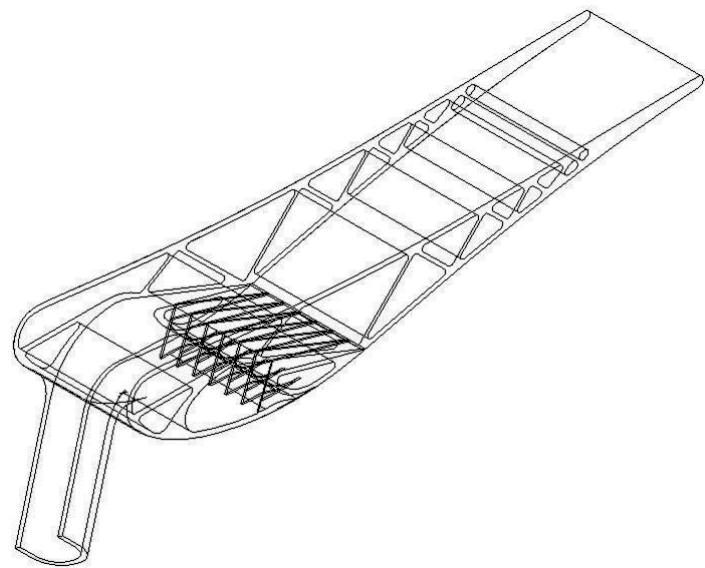
## **Design of the LNV109A Aerofoil with the required slots:**



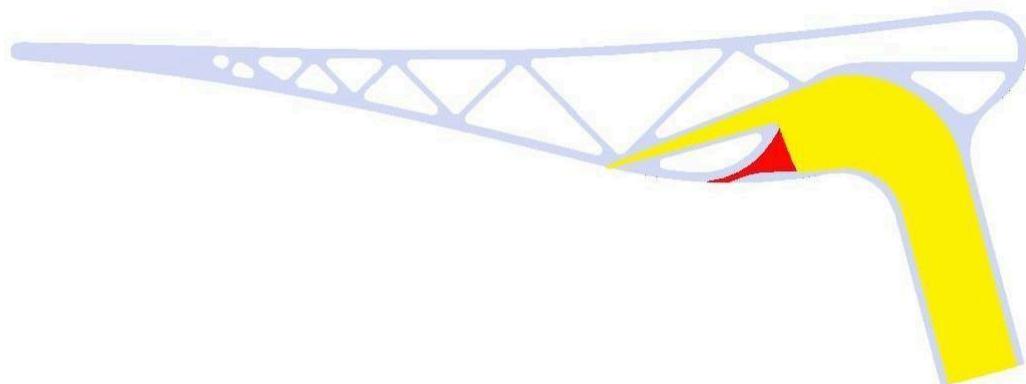
Name = LNV109A  
Chord = 350mm Radius = 0mm Thickness = 100% Origin = 0% Pitch = 0°

### **CAD Design of an LNV109A Aerofoil**

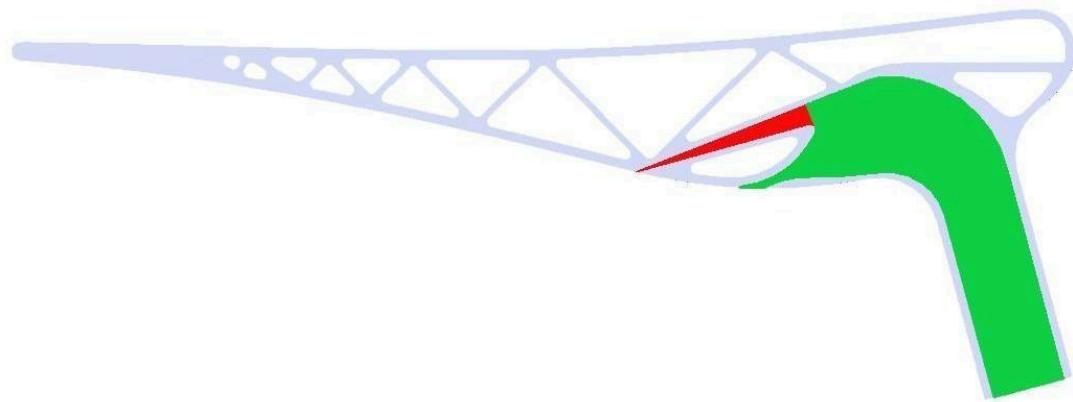




**CAD of LNV109A Aerofoil**



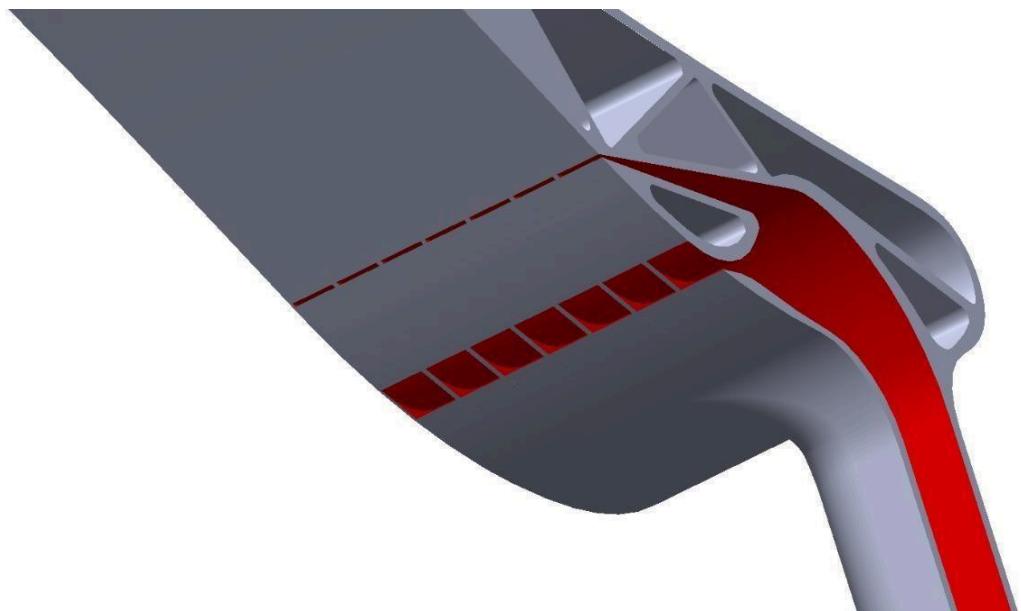
**Slot for minimizing drag**



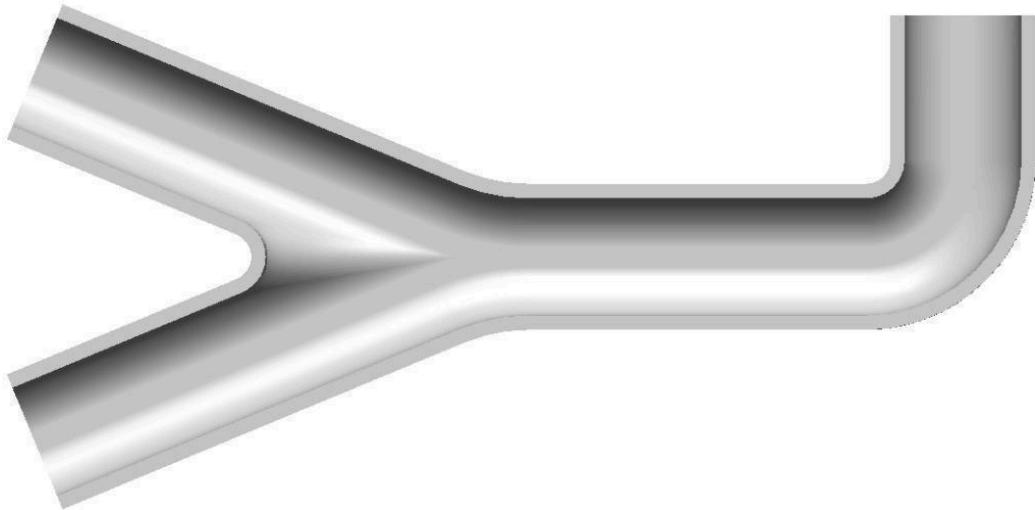
**Slot for maximizing downforce**



**Inlet Slots**



**Exit Slots**



**Air Ducts (Upper left - Minimizing Drag; Lower left - Maximizing Downforce; Upper right - Feeds into the Aerofoil Duct)**