To do for simulation

Environnent model :

Use reference gravity at location

Use ref temperature at location

Use Pressure at location?

Check sign of the temperature gradient in the Troposphere

How does is the pressure effected by the different ground temperatures ( atm it works with sea-level stuff) need to fix before report

Look at wind models : https://bovineaerospace.wordpress.com/category/modeling/

Rocket

Figure out best place to compute alpha, Re, Ma etc

Motor impulse is different from what is given- fixed

Use spline for integration

Include dt in rocket class

%moving cg of the prop

%Inertia of the Prop

%combine the 2

%