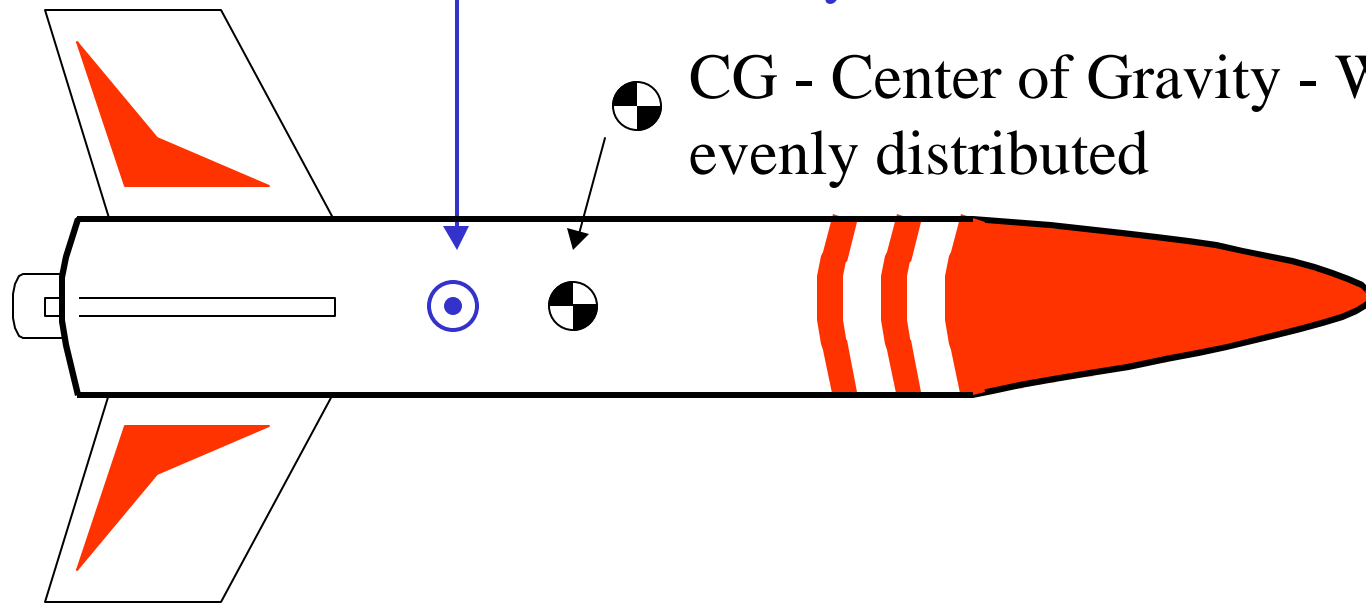


Stability of a Rocket: Center of Pressure and Center of Gravity

● CP - Center of Pressure - Aerodynamics forces evenly distributed

⊕ CG - Center of Gravity - Weight evenly distributed

Engine, wadding,
and payload
installed



Rocket Stability - When the Center of Gravity ⊕
is in front of the **Center of Pressure** ●

The Center of Gravity should be at least one Rocket Body Diameter in front of the Center of Pressure