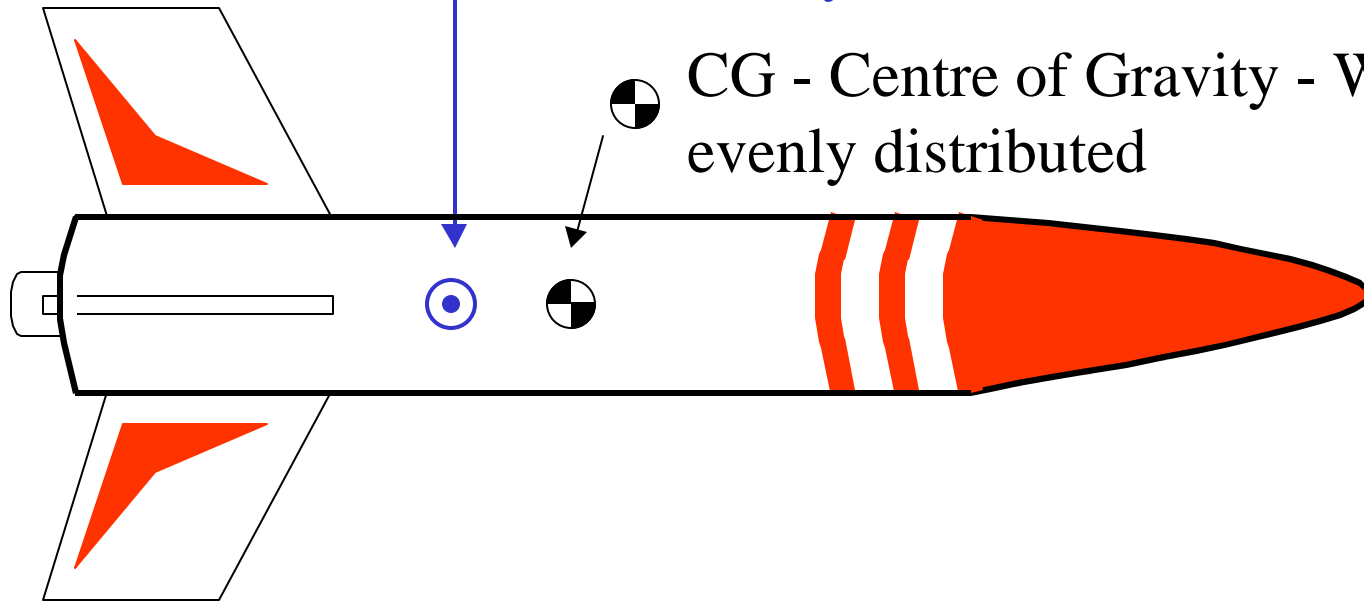


Stability of a Rocket: Centre of Pressure and Centre of Gravity

● CP - Centre of Pressure - Aerodynamics forces evenly distributed

⊕ CG - Centre of Gravity - Weight evenly distributed

Engine, wadding,
and payload
installed



Rocket Stability - When the Centre of Gravity ⊕
is in front of the **Centre of Pressure** ⊙

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