



**Aircraft Control and Stability**

**1. Rotation Axes**

- Pitch*
- Bank*
- Yaw*

**2. Stability**

- Pitch -*  
Center of Gravity Position  
and Horizontal Stabilizer
- Bank -*  
Dihedral and  
Wing above CofG
- Yaw -*  
Vertical Stabilizer and  
Fuselage

**3. Control Surfaces**

(Deflection of air  
-action/reaction)

- Pitch:* Horizontal Stabilizer  
+ Elevator
- Bank:* Wings + Ailerons
- Yaw:* Vertical Stabilizer + Rudder

