

Figure 2-22. CG location with passenger shown for level flight.

Axes of Rotation

The three axes of rotation intersect at the CG.

[Figure 2-23]

Lateral Axis—Pitch

Motion about the lateral axis, or pitch, is controlled by AOA/speed and the throttle. Lowering the AOA (increasing speed)

rotates the nose down while increasing the AOA (decreasing speed) rotates the nose up.

Increasing the thrust of the propeller rotates the WSC aircraft pitch up (nose up) to climb and pitch down (nose down) at reduced throttle.

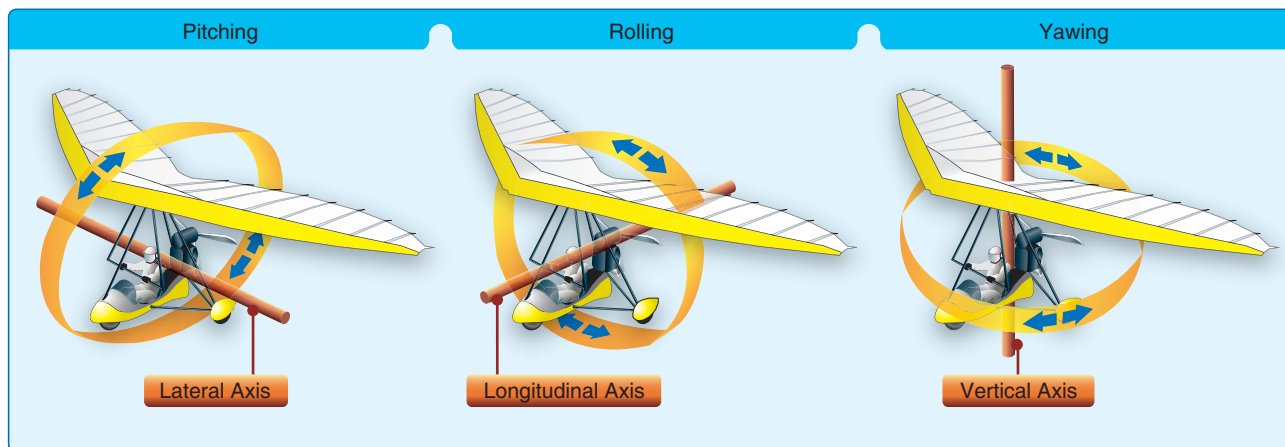


Figure 2-23. Axes of rotation.