

Translational displacements, rates, accelerations, & forces are positive along the positive body axes directions. In spite of the simplicity of this logic, it is important to recognize that lift and normal load factor are positive in the *negative* z direction and the drag is positive in the *negative* x direction. Angular displacements, rates, accelerations & moments, are positive according to the “right hand rule” (a clockwise rotation while looking in the direction of the positive axis) as shown in the figure.

The body axes, forces & translations along them, and moments & rotations about them are shown with arrows indicating the positive direction. Angular displacements, rates, accelerations & moments, are positive according to the “right hand rule” (a clockwise rotation while looking in the direction of the positive axis) as shown in the figure.

The body axes, forces & translations along them, and moments & rotations about them are shown with arrows indicating the positive direction.

