

<b>Axis</b>	<b>Sign Convention</b>
X-axis, body axes	Positive: Forward
Y-axis, body axes	Positive: Right
Z-axis, body axes	Positive: Down
<b>Surface</b>	<b>Sign Convention</b>
L_ail	Positive: Trailing Edge Down
R_ail	Positive: Trailing Edge Down
L_spoiler	Positive: Trailing Edge Up
R_spoiler	Positive: Trailing Edge Up
elevator	Positive: Trailing Edge Down
rudder	Positive: Trailing Edge Left
stab	Positive: Trailing Edge Down
flap	Positive: Trailing Edge Down
<b>Command</b>	<b>Sign Convention</b>
Aileron Cmd, $\delta_a$	Positive: Right TE Down, Left TE Up, $\delta_a = (\delta_{aR} - \delta_{aL})$
Spoiler Cmd, $\delta_s$	Positive: Right TE Up, Left TE Up, $\delta_s = (\delta_{sR} + \delta_{sL})$
Throttle Cmd	0 $\Rightarrow$ Idle Thrust, 100 $\Rightarrow$ Full Thrust
geardown	0 $\Rightarrow$ gear stowed, 1 $\Rightarrow$ gear down
<b>Wind Velocity</b>	<b>Sign Convention</b>
NorthWind	Positive: From the North
EastWind	Positive: From the East
VerticalWind	Positive: Rising Air