AIRCRAFT FLIGHT CONTROL EVENTS

The event IDs listed here are all related to the different view and camera systems.

Ailerons

Event Name	Parameters	Description
`AILERON_CENTER`	N/A	Centers aileron position. Note that this is simply an alias for the `CENTER_AILER_RUDDER` event. ***Not currently used in the simulation.***
`AILERON_LEFT`	N/A	Increments the left aileron by 1°. Note that this is simply an alias for the `AILERONS_LEFT` event.
`AILERON_RIGHT`	N/A	Increments the right aileron by 1°. Note that this is simply an alias for the `AILERONS_RIGHT` event.
`AILERON_SET`	[0] Position (-16383 to 16384)	Sets the aileron position.
`AILERON_TRIM_DISABLED_SET`	[0]: Bool	Enable (1, TRUE) or disable (0, FALSE) the aileron trim.
`AILERON_TRIM_DISABLED_TOGGLE`	N/A	Toggle the aileron trim disabled option between on (1) and off (0).
`AILERON_TRIM_LEFT`	N/A	Increments the left aileron trim by 0.001.

`AILERON_TRIM_RIGHT`	N/A	Increments the right aileron trim by 0.001.
`AILERON_TRIM_SET`	[0] Position (-100 to 100)	Sets the aileron trim.
`AILERON_TRIM_SET_EX1`	[0] Position (-16383 to 16384)	Sets the aileron trim with extra precision.
`AILERONS_LEFT`	N/A	Increments the left ailerons by 1°.
`AILERONS_RIGHT`	N/A	Increments the right ailerons by 1°.
`AXIS_AILERONS_SET`	[0] Position (-16383 to 16384)	Sets the aileron position.
`CENTER_AILER_RUDDER`	N/A	Centers the aileron and rudder positions.

Elevators

Event Name	Parameters	Description
`AXIS_ELEV_TRIM_SET`	[0]: Trim position (-16383 to 16384)	Sets the elevator trim position (input will be normalised to a value between -1 and 1).
`AXIS_ELEVATOR_SET`	[0]: Position (-16383 to 16384)	Sets the elevator position (input will be normalised to a value between -1 and 1). Note that this is simply an alias for the `ELEVATOR_SET` event.
`ELEV_DOWN`	N/A	Decrements the elevator by -0.05 (to a minimum of -1). When the key is released the elevator will return to it's original position.

		Note that this is simply an alias for the `ELEVATOR_DOWN` event.
`ELEV_TRIM_DN`	N/A	Decrements the elevator trim by -0.0005. Holding down the key will cause the trim to decrement faster over time.
`ELEV_TRIM_UP`	N/A	Increments the elevator trim by 0.0005. Holding down the key will cause the trim to increment faster over time.
`ELEV_UP`	N/A	Increments elevator by 0.05 (to a maximum of 1). When the key is released the elevator will return to it's original position. Note that this is simply an alias for the `ELEVATOR_UP` event.
`ELEVATOR_DOWN`	N/A	Decrements the elevator by -0.05 (to a minimum of -1). When the key is released the elevator will return to it's original position.
`ELEVATOR_SET`	[0]: Position (-16383 to 16384)	Sets elevator position (input will be normalised to a value between -1 and 1).
`ELEVATOR_TRIM_DISABLED_SET`	[0]: Bool	Sets the Elevator Trim Disabled to be on (TRUE) or off (FALSE).
`ELEVATOR_TRIM_DISABLED_TOGGLE`	N/A	Toggles the Elevator Trim Disabled between on (1, TRUE) and off (0, FALSE).

ELEVATOR_TRIM_SET	[0]: Trim position (-16383 to 16384)	Sets the elevator trim position.
ELEVATOR_UP	N/A	Increments the elevator by 0.05 (to a maximum of 1). When the key is released the elevator will return to it's original position.

Flaps

Event Name	Parameters	Description
AXIS_FLAPS_SET		Sets flap handle to closest increment (-16383 - +16383)
FLAPS_1		Sets flap handle to first extension position
FLAPS_2		Sets flap handle to second extension position
FLAPS_3		Sets flap handle to third extension position
FLAPS_4		Sets flap handle to fourth extension position
FLAPS_CONTINUOUS_DECR		
FLAPS_CONTINUOUS_INCR		
FLAPS_CONTINUOUS_SET		
FLAPS_DECR		Decrements flap handle position
FLAPS_DOWN		Sets flap handle to full extension position
FLAPS_INCR		Increments flap handle position

`FLAPS_SET`		Sets flap handle to closest increment (0 to 16383)
`FLAPS_UP`		Sets flap handle to full retract position

Miscellaneous

Event Name	Parameters	Description
`CENTER_NT361_CHECK`	N/A	Check to see if NT 361 Flight Trainer should be centered
`CHVPP_LEFT_HAT_UP`	N/A	CH Virtual Pilot Pro up - left hat keypress.
`CHVPP_LEFT_HAT_DOWN`	N/A	CH Virtual Pilot Pro down - left hat keypress.
`CHVPP_AP_ALT_WING`	N/A	CH Virtual Pilot Pro altitude hold and wing level.
`MOUSE_AS_YOKE_RESUME`		***Not currently used in the simulation.***
`MOUSE_AS_YOKE_SUSPEND`		***Not currently used in the simulation.***
`MOUSE_AS_YOKE_TOGGLE`		***Not currently used in the simulation.***

Rudder

Event Name	Parameters	Description
`AUTORUDDER_TOGGLE`	N/A	Turn the automatic rudder control feature on or off.

AXIS_RUDDER_SET	[0]: Value to set	Sets rudder position (-16383 - +16383)
RUDDER_AXIS_MINUS	N/A	
RUDDER_AXIS_PLUS	N/A	
RUDDER_CENTER	N/A	Centers rudder position
RUDDER_LEFT	N/A	Increments rudder left
RUDDER_RIGHT	N/A	Increments rudder right
RUDDER_SET	[0]: Value to set	Sets rudder position (-16383 - +16383)
RUDDER_TRIM_DISABLED_SET	[0]: Bool	Enables (TRUE) or disables (FALSE) the rudder trim.
RUDDER_TRIM_DISABLED_TOGGLE	N/A	Toggles the rudder trim on (TRUE) or off (FALSE).
RUDDER_TRIM_LEFT	N/A	Increments rudder trim left
RUDDER_TRIM_RESET	N/A	
RUDDER_TRIM_RIGHT	N/A	Increments aileron trim right
RUDDER_TRIM_SET	[0]: Value to set	Sets the rudder trim value, between -100 and 100.
RUDDER_TRIM_SET_EX1	[0]: Value to set	Sets the rudder trim value, between -16383 and 16383.

Slew

Event Name	Parameters	Description

AXIS_SLEW_AHEAD_SET	[0]: Value to set	Sets forward slew (+/- 16383)
AXIS_SLEW_ALT_SET	[0]: Value to set	Sets vertical slew (+/- 16383)
AXIS_SLEW_BANK_SET	[0]: Value to set	Sets roll slew (+/- 16383)
AXIS_SLEW_HEADING_SET	[0]: Value to set	Sets heading slew (+/- 16383)
AXIS_SLEW_PITCH_SET	[0]: Value to set	Sets pitch slew (+/- 16383)
AXIS_SLEW_SIDEWAYS_SET	[0]: Value to set	Sets sideways slew (+/- 16383)
SLEW_AHEAD_MINUS	N/A	Decrease forward slew
SLEW_AHEAD_PLUS	N/A	Increase forward slew
SLEW_ALTIT_DN_FAST	N/A	Slew downward fast
SLEW_ALTIT_DN_SLOW	N/A	Slew downward slow
SLEW_ALTIT_FREEZE	N/A	Stop vertical slew
SLEW_ALTIT_MINUS	N/A	Decrease upward slew
SLEW_ALTIT_PLUS	N/A	Increase upward slew
SLEW_ALTIT_UP_FAST	N/A	Slew upward fast
SLEW_ALTIT_UP_SLOW	N/A	Slew upward slow
SLEW_BANK_MINUS	N/A	Increase left bank slew
SLEW_BANK_PLUS	N/A	Increase right bank slew
SLEW_FREEZE	N/A	Stop all slew
SLEW_HEADING_MINUS	N/A	Increase slew heading to the left
SLEW_HEADING_PLUS	N/A	Increase slew heading to the right
SLEW_LEFT	N/A	Slew to the left
SLEW_OFF	N/A	Turns slew off
SLEW_ON	N/A	Turns slew on

`SLEW_PITCH_DN_FAST`	N/A	Slew pitch downward fast
`SLEW_PITCH_DN_SLOW`	N/A	Slew pitch downward slow
`SLEW_PITCH_FREEZE`	N/A	Stop pitch slew
`SLEW_PITCH_MINUS`	N/A	Decrease pitch up slew
`SLEW_PITCH_PLUS`	N/A	Increase pitch up slew
`SLEW_PITCH_UP_FAST`	N/A	Slew pitch upward fast
`SLEW_PITCH_UP_SLOW`	N/A	Slew pitch up slow
`SLEW_RESET`	N/A	Stop slew and reset pitch, bank, and heading all to zero.
`SLEW_RIGHT`	N/A	Slew to the right
`SLEW_SET`	[0]: Bool	Sets slew on/off (1,0)
`SLEW_TOGGLE`	N/A	Toggles slew on/off

Spoilers

Event Name	Parameters	Description
`AXIS_SPOILER_SET`	[0]: Positon (0 - 1)	Sets spoiler handle position.
`SPOILERS_ARM_OFF`	N/A	Sets auto-spoiler arming off (0).
`SPOILERS_ARM_ON`	N/A	Sets auto-spoiler arming on (1).
`SPOILERS_ARM_SET`	[0]: Bool	Sets auto-spoiler arming (0,1).
`SPOILERS_ARM_TOGGLE`	N/A	Toggles arming of auto-spoilers between armed (1) and unarmed (0).
`SPOILERS_DEC`	N/A	Decrement the spoilers by (down to a minimum of 0).

SPOILERS_INC	N/A	Increment the spoilers by (down to a minimum of 0).
SPOILERS_OFF	N/A	Sets spoiler handle to full retract position.
SPOILERS_ON	N/A	Sets spoiler handle to full extend position.
SPOILERS_SET	[0]: Position (0 to 16383)	Sets spoiler handle position.
SPOILERS_TOGGLE	N/A	Toggles spoiler handle.