AIRCRAFT ENGINE EVENTS

The event IDs listed here are all related to the aircraft engines.

Anti-Ice

Event Name	Parameters	Description
`ANTI_ICE_GRADUAL_SET`	[0]: Position (0 - 16384)	Sets engine anti-ice switch to a value between 0 and 16384. Controlled engines are set through the SimVar `ENGINE CONTROL SELECT`.

`ANTI_ICE_GRADUAL_SET_ENG1`
`ANTI_ICE_GRADUAL_SET_ENG2`
`ANTI_ICE_GRADUAL_SET_ENG3`
`ANTI_ICE_GRADUAL_SET_ENG4`
	[0]: Position (0 - 16384)	Sets the engine 1/2/3/4 anti-ice switch to a value between 0 and 16384.

`ANTI_ICE_ON`	N/A	Sets anti-ice switches on Controlled engines are set through the SimVar `ENGINE CONTROL SELECT`.
`ANTI_ICE_OFF`	N/A	Sets anti-ice switches off. Controlled engines are set through the SimVar `ENGINE CONTROL SELECT`.
`ANTI_ICE_SET`	[0]: Bool	Sets anti-ice switches from argument (0,1). Controlled engines are set through the SimVar `ENGINE CONTROL SELECT`.
`ANTI_ICE_SET_ENG1` `ANTI_ICE_SET_ENG2`	[0]: Bool	Sets engine 1/2/3/4 anti-ice switch (0,1)

ANTI_ICE_SET_ENG3 ANTI_ICE_SET_ENG4		
ANTI_ICE_TOGGLE	N/A	Toggle anti-ice switches. Controlled engines are set through the SimVar ENGINE CONTROL SELECT.
ANTI_ICE_TOGGLE_ENG1 ANTI_ICE_TOGGLE_ENG2 ANTI_ICE_TOGGLE_ENG3 ANTI_ICE_TOGGLE_ENG4	N/A	Toggle engine 1/2/3/4 anti-ice switch on (1) or off (0).

Condition Lever

Event Name	Parameters	Description
AXIS_CONDITION_LEVER_1_SET AXIS_CONDITION_LEVER_2_SET AXIS_CONDITION_LEVER_3_SET AXIS_CONDITION_LEVER_4_SET	[0]: Axis value	Sets the condition lever position based on the percentage final value of axis the input where: • 0% - 33.3% = cutoff • 33.3% - 66.6% = low idle • 66.6% - 100% = high
CONDITION_LEVER_CUT_OFF	[0]: Engine index	Sets the condition lever for the indexed engine to the cutoff position, which cuts the fuel flow. ***Not currently used in the simulation.***
CONDITION_LEVER_DEC	[0]: Engine index	Decrements the condition lever position by one for the

		indexed engine. The possible lever positions are as follows: • 0 for cutoff • 1 for low idle • 2 for high
`CONDITION_LEVER_HIGH_IDLE`	[0]: Engine index	Sets the condition lever for the indexed engine to the high position (2). ***Not currently used in the simulation.***
`CONDITION_LEVER_INC`	[0]: Engine index	Increments the condition lever position by one for the indexed engine. The possible lever positions are as follows: • 0 for cutoff • 1 for low idle • 2 for high
`CONDITION_LEVER_LOW_IDLE`	[0]: Engine index	Sets the condition lever for the indexed engine to the low position (1). ***Not currently used in the simulation.***
`CONDITION_LEVER_SET`	[0]: Position	Sets the condition lever for the all engines to the given position, which is one of the following: • 0 for cutoff • 1 for low idle • 2 for high

`CONDITION_LEVER_1_CUT_OFF`
`CONDITION_LEVER_2_CUT_OFF`
`CONDITION_LEVER_3_CUT_OFF`
`CONDITION_LEVER_4_CUT_OFF`
	N/A	Sets the condition lever for engine 1/2/3/4 to the cutoff position, which cuts the fuel flow.
		Not currently used in the simulation.

`CONDITION_LEVER_1_DEC`
`CONDITION_LEVER_2_DEC`
`CONDITION_LEVER_3_DEC`
`CONDITION_LEVER_4_DEC`
	N/A	Decreases the condition lever position by one for engine 1/2/3/4. The possible lever positions are as follows:
		• 0 for cutoff
		• 1 for low idle
		• 2 for high

`CONDITION_LEVER_1_HIGH_IDLE`
`CONDITION_LEVER_2_HIGH_IDLE`
`CONDITION_LEVER_3_HIGH_IDLE`
`CONDITION_LEVER_4_HIGH_IDLE`
	N/A	Sets the condition lever for engine 1/2/3/4 to the high position (2).
		Not currently used in the simulation.

`CONDITION_LEVER_1_INC`
`CONDITION_LEVER_2_INC`
`CONDITION_LEVER_3_INC`
`CONDITION_LEVER_4_INC`
	N/A	Increments the condition lever position by one for engine 1/2/3/4. The possible lever positions are as follows:
		• 0 for cutoff
		• 1 for low idle
		• 2 for high

`CONDITION_LEVER_1_LOW_IDLE`
`CONDITION_LEVER_2_LOW_IDLE`
`CONDITION_LEVER_3_LOW_IDLE`
`CONDITION_LEVER_4_LOW_IDLE`
	N/A	Sets the condition lever for engine 1/2/3/4 to the low position (1).
		Not currently used in the simulation.

`CONDITION_LEVER_1_SET`
`CONDITION_LEVER_2_SET`
`CONDITION_LEVER_3_SET`
`CONDITION_LEVER_4_SET`
	[0]: Position	Sets the condition lever for engine 1/2/3/4 to the given position, which is one of the following:
		• 0 for cutoff
		• 1 for low idle
		• 2 for high

Fuel

Event Name	Parameters	Description
`AXIS_MIXTURE_SET`		

`AXIS_MIXTURE1_SET`
`AXIS_MIXTURE2_SET`
`AXIS_MIXTURE3_SET`
`AXIS_MIXTURE4_SET`		

`FUEL_PUMP`	N/A	Toggle electric fuel pumps
`MIXTURE_DECR`	N/A	Decrement mixture levers

`MIXTURE1_DECR`
`MIXTURE2_DECR`
`MIXTURE3_DECR`
`MIXTURE4_DECR`
	N/A	Decrement mixture lever 1/2/3/4

`MIXTURE_DECR_SMALL`	N/A	Decrement mixture levers small

`MIXTURE1_DECR_SMALL`
`MIXTURE2_DECR_SMALL`
`MIXTURE3_DECR_SMALL`
`MIXTURE4_DECR_SMALL`
	N/A	Decrement mixture 1/2/3/4 lever small

`MIXTURE_INCR`	N/A	Increment mixture levers

MIXTURE1_INCR MIXTURE2_INCR MIXTURE3_INCR MIXTURE4_INCR	N/A	Increment mixture lever 1/2/3/4
MIXTURE_INCR_SMALL	N/A	Increment mixture levers small
MIXTURE1_INCR_SMALL MIXTURE2_INCR_SMALL MIXTURE3_INCR_SMALL MIXTURE4_INCR_SMALL	N/A	Increment mixture lever 1/2/3/4 small
MIXTURE_LEAN	N/A	Set mixture levers to max lean
MIXTURE1_LEAN MIXTURE2_LEAN MIXTURE3_LEAN MIXTURE4_LEAN	N/A	Set mixture lever 1/2/3/4 to max lean
MIXTURE_RICH	N/A	Set mixture levers to max rich
MIXTURE1_RICH MIXTURE2_RICH MIXTURE3_RICH MIXTURE4_RICH	N/A	Set mixture lever 1/2/3/4 to max rich
MIXTURE_SET		Engine mixture set.
MIXTURE_SET_BEST		
MIXTURE1_SET MIXTURE2_SET MIXTURE3_SET MIXTURE4_SET		Set engine 1/2/3/4 mixture.
SET_FUEL_VALVE_ENG1 SET_FUEL_VALVE_ENG2 SET_FUEL_VALVE_ENG3 SET_FUEL_VALVE_ENG4	N/A	

SHUTOFF_VALVE_TOGGLE	N/A	Toggle the status of the fuel shutoff valve (used on piston engine to enable/disable fuel arrival).
SHUTOFF_VALVE_ON	N/A	Turns on the fuel shutoff valve (used on piston engines to enable fuel arrival).
SHUTOFF_VALVE_OFF	N/A	Turns off the fuel shutoff valve (used on piston engines to disable fuel arrival).
TOGGLE_ELECT_FUEL_PUMP	N/A	Toggle electric fuel pumps
TOGGLE_ELECT_FUEL_PUMP1 TOGGLE_ELECT_FUEL_PUMP2 TOGGLE_ELECT_FUEL_PUMP3 TOGGLE_ELECT_FUEL_PUMP4	N/A	Toggle engine 1/2/3/4 electric fuel pump
TOGGLE_FUEL_VALVE_ALL	N/A	Toggle engine fuel valves
TOGGLE_FUEL_VALVE_ENG1 TOGGLE_FUEL_VALVE_ENG2 TOGGLE_FUEL_VALVE_ENG3 TOGGLE_FUEL_VALVE_ENG4	N/A	Toggle engine 1/2/3/4 fuel valve

Magneto

Event Name	Parameters	Description
MAGNETO	[0]: Magneto index	Selects magnetos (for +/- sequence)
MAGNETO_BOTH	[0]: Magneto index	Set indexed engine magnetos on
MAGNETO1_BOTH MAGNETO2_BOTH MAGNETO3_BOTH MAGNETO4_BOTH	N/A	Set engine 1/2/3/4 magnetos on
MAGNETO_DECR	N/A	Decrease all magneto switches positions

`MAGNETO1_DECR`
`MAGNETO2_DECR`
`MAGNETO3_DECR`
`MAGNETO4_DECR`
	N/A	Decrease engine 1/2/3/4 magneto switch position

`MAGNETO_INCR`	N/A	Increase all magneto switches positions

`MAGNETO1_INCR`
`MAGNETO2_INCR`
`MAGNETO3_INCR`
`MAGNETO4_INCR`
	N/A	Increase engine 1/2/3/4 magneto switch position

`MAGNETO_LEFT`	N/A	Toggle all engine left magnetos

`MAGNETO1_LEFT`
`MAGNETO2_LEFT`
`MAGNETO3_LEFT`
`MAGNETO4_LEFT`
	N/A	Toggle engine 1/2/3/4 left magneto

`MAGNETO_OFF`	N/A	Set all engine magnetos off

`MAGNETO1_OFF`
`MAGNETO2_OFF`
`MAGNETO3_OFF`
`MAGNETO4_OFF`
	N/A	Set engine 1/2/3/4 magnetos off

`MAGNETO_RIGHT`	N/A	Toggle all engine right magnetos

`MAGNETO1_RIGHT`
`MAGNETO2_RIGHT`
`MAGNETO3_RIGHT`
`MAGNETO4_RIGHT`
	N/A	Toggle engine 1/2/3/4 right magneto

`MAGNETO_SET`	[0]: True/False (1, 0)	Sets all engine magnetos (0,1) *Not currently used in the simulation.*

`MAGNETO1_SET`
`MAGNETO2_SET`
`MAGNETO3_SET`
`MAGNETO4_SET`
	N/A	Set engine 1/2/3/4 magneto switch
		Not currently used in the simulation.

`MAGNETO_START`	N/A	Set all engine magnetos on and toggle starters

MAGNETO1_START MAGNETO2_START MAGNETO3_START MAGNETO4_START	N/A	Set engine 1/2/3/4 magnetos on and toggle starter

Miscellaneous

Event Name	Parameters	Description
COWLFLAP1_SET COWLFLAP2_SET COWLFLAP3_SET COWLFLAP4_SET	[0]: position from 0 to 16983	Sets engine 1/2/3/4 cowl flap lever position (0 to 16383)
DEC_COWL_FLAPS	N/A	Decrement cowl flap levers
DEC_COWL_FLAPS1 DEC_COWL_FLAPS2 DEC_COWL_FLAPS3 DEC_COWL_FLAPS4	N/A	Decrement engine 1 cowl flap lever
ENGINE	N/A	Sets engines for 1,2,3,4 selection (to be followed by SELECT_n)
ENGINE_AUTO_START	N/A	Triggers auto-start
ENGINE_AUTO_SHUTDOWN	N/A	Triggers auto-shutdown
ENGINE_BLEED_AIR_SOURCE_SET	[0]: The engine index to target (from 1 to 4) [1]: Set to TRUE/FALSE to set the engine as source (TRUE) or not (FALSE)	Sets if the indexed engine is a source to the bleed air system or not.
ENGINE_BLEED_AIR_SOURCE_TOGGLE	[0]: The engine index to target (from	Toggles the indexed engine as a source to the

	1 to 4, or 0 for all engines)	bleed air system. Note that if you supply 0 instead of a single engine index, then the event will target *all* engines.
ENGINE_MASTER_SET		
ENGINE_MASTER_1_SET ENGINE_MASTER_2_SET ENGINE_MASTER_3_SET ENGINE_MASTER_4_SET	N/A	
ENGINE_MASTER_TOGGLE	N/A	
ENGINE_MASTER_1_TOGGLE ENGINE_MASTER_2_TOGGLE ENGINE_MASTER_3_TOGGLE ENGINE_MASTER_4_TOGGLE	N/A	
ENGINE_MODE_CRANK_SET		
ENGINE_MODE_NORM_SET		
ENGINE_MODE_IGN_START		
ENGINE_PRIMER	N/A	Trigger engine primers
INC_COWL_FLAPS	N/A	Increment cowl flap levers
INC_COWL_FLAPS1 INC_COWL_FLAPS2 INC_COWL_FLAPS3 INC_COWL_FLAPS4	N/A	Increment engine 1/2/3/4 cowl flap lever
OIL_COOLING_FLAPS_DOWN	N/A	
OIL_COOLING_FLAPS_SET		
OIL_COOLING_FLAPS_TOGGLE	N/A	
OIL_COOLING_FLAPS_UP	N/A	
RADIATOR_COOLING_FLAPS_DOWN	N/A	

RADIATOR_COOLING_FLAPS_SET		
RADIATOR_COOLING_FLAPS_TOGGLE	N/A	
RADIATOR_COOLING_FLAPS_UP	N/A	
TOGGLE_MASTER_IGNITION_SWITCH	N/A	Toggles master ignition switch
TOGGLE_PRIMER	N/A	Trigger engine primers
TOGGLE_PRIMER1 TOGGLE_PRIMER2 TOGGLE_PRIMER3 TOGGLE_PRIMER4	N/A	Trigger engine 1/2/3/4 primer
TOGGLE_AFTERBURNER	N/A	Toggles afterburners
TOGGLE_AFTERBURNER1 TOGGLE_AFTERBURNER2 TOGGLE_AFTERBURNER3 TOGGLE_AFTERBURNER4	N/A	Toggles engine 1/2/3/4 afterburner

Propeller

Event Name	Parameters	Description
AXIS_PROPELLER_SET	N/A	Set propeller levers exact value (-16383 to +16383)
AXIS_PROPELLER1_SET AXIS_PROPELLER2_SET AXIS_PROPELLER3_SET AXIS_PROPELLER4_SET	N/A	Set propeller lever 1/2/3/4 exact value (-16383 to +16383)
PROP_FORCE_BETA_OFF	[0]: The engine index to target (from 1 to 4, or 0 for all engines)	This key allows you to disable the propeller Force Beta mode, in which case the internal coded simulation logic to drive the beta is used

		instead of the value from `PROP BETA FORCED POSITION`.
`PROP_FORCE_BETA_ON`	[0]: The engine index to target (from 1 to 4, or 0 for all engines)	This keys allows you to enable the propeller Force Beta mode, in which case the sim logic to drive the beta is ignored and instead the value from `PROP BETA FORCED POSITION` is used.
`PROP_FORCE_BETA_SET`	[0]: The engine index to target (from 1 to 4, or 0 for all engines) [1]: Whether or not to force the prop beta (Boolean).	This key allows you to set the propeller to be in Force Beta mode, in which case the internal coded simulation logic that normally drives the beta is ignored and instead the value from `PROP BETA FORCED POSITION` is used.
`PROP_FORCE_BETA_TOGGLE`	[0]: The engine index to target (from 1 to 4, or 0 for all engines)	This key allows you to toggle between the normal and Force Beta mode. If enabled, the Force Beta mode will prevent the internal coded simulation logic from driving the beta and instead allow you to control it with the value from `PROP BETA FORCED POSITION`.

PROP_FORCE_BETA_VALUE_SET	[0]: The engine index to target (from 1 to 4, or 0 for all engines) [1]: The angle that the prop should be forced to. This is stored as the 16k representation of an angle between -180 degrees and + 180 degrees	This key allows you to set the value that the prop will attempt to reach when in Forced Beta mode (this will have the same effect as setting the PROP BETA FORCED POSITION SimVar).
PROP_LOCK_OFF	N/A	
PROP_LOCK_ON	N/A	
PROP_LOCK_SET	[0]: True/False (1, 0)	
PROP_LOCK_TOGGLE	N/A	
PROP_PITCH_AXIS_SET_EX1	N/A	
PROP_PITCH1_AXIS_SET_EX1 PROP_PITCH2_AXIS_SET_EX1 PROP_PITCH3_AXIS_SET_EX1 PROP_PITCH4_AXIS_SET_EX1	N/A	
PROP_PITCH_DECR	N/A	Decrement prop pitch levers
PROP_PITCH1_DECR PROP_PITCH2_DECR PROP_PITCH3_DECR PROP_PITCH4_DECR	N/A	Decrement prop pitch lever 1/2/3/4
PROP_PITCH_DECR_SMALL	N/A	Decrease prop levers small
PROP_PITCH1_DECR_SMALL PROP_PITCH2_DECR_SMALL PROP_PITCH3_DECR_SMALL PROP_PITCH4_DECR_SMALL	N/A	Decrease prop lever 1/2/3/4 small

PROP_PITCH_DECREASE_EX1	N/A	
PROP_PITCH1_DECREASE_EX1 PROP_PITCH2_DECREASE_EX1 PROP_PITCH3_DECREASE_EX1 PROP_PITCH4_DECREASE_EX1	N/A	
PROP_PITCH_DECREASE_SMALL_EX1	N/A	
PROP_PITCH1_DECREASE_SMALL_EX1 PROP_PITCH2_DECREASE_SMALL_EX1 PROP_PITCH3_DECREASE_SMALL_EX1 PROP_PITCH4_DECREASE_SMALL_EX1	N/A	
PROP_PITCH_HI	N/A	Set prop pitch levers min (hi pitch)
PROP_PITCH1_HI PROP_PITCH2_HI PROP_PITCH3_HI PROP_PITCH4_HI	N/A	Set prop pitch lever 1/2/3/4 min (hi pitch)
PROP_PITCH_HI_EX1	N/A	Set prop pitch levers min (hi pitch)
PROP_PITCH1_HI_EX1 PROP_PITCH2_HI_EX1 PROP_PITCH3_HI_EX1 PROP_PITCH4_HI_EX1	N/A	Set prop pitch lever 1/2/3/4 min (hi pitch)
PROP_PITCH_INCR	N/A	Increment prop pitch levers
PROP_PITCH1_INCR PROP_PITCH2_INCR PROP_PITCH3_INCR PROP_PITCH4_INCR	N/A	Increment prop pitch lever 1/2/3/4
PROP_PITCH_INCR_SMALL	N/A	Increment prop pitch levers small
PROP_PITCH1_INCR_SMALL PROP_PITCH2_INCR_SMALL PROP_PITCH3_INCR_SMALL PROP_PITCH4_INCR_SMALL	N/A	Increment prop pitch lever 1/2/3/4 small

PROP_PITCH_INCREASE_EX1	N/A	
PROP_PITCH1_INCREASE_EX1 PROP_PITCH2_INCREASE_EX1 PROP_PITCH3_INCREASE_EX1 PROP_PITCH4_INCREASE_EX1	N/A	
PROP_PITCH_INCREASE_SMALL_EX1	N/A	
PROP_PITCH1_INCREASE_SMALL_EX1 PROP_PITCH2_INCREASE_SMALL_EX1 PROP_PITCH3_INCREASE_SMALL_EX1 PROP_PITCH4_INCREASE_SMALL_EX1	N/A	
PROP_PITCH_LO	N/A	Set prop pitch levers max (lo pitch)
PROP_PITCH1_LO PROP_PITCH2_LO PROP_PITCH3_LO PROP_PITCH4_LO	N/A	Set prop pitch lever 1/2/3/4 max (lo pitch)
PROP_PITCH_LO_EX1	N/A	Set prop pitch levers max (lo pitch)
PROP_PITCH1_LO_EX1 PROP_PITCH2_LO_EX1 PROP_PITCH3_LO_EX1 PROP_PITCH4_LO_EX1	N/A	Set prop pitch lever 1/2/3/4 max (lo pitch)
PROP_PITCH_SET	N/A	Set prop pitch levers (0 to 16383)
PROP_PITCH1_SET PROP_PITCH2_SET PROP_PITCH3_SET PROP_PITCH4_SET	N/A	Set prop pitch lever 1/2/3/4 exact value (0 to 16383)
TOGGLE_PROPELLER_SYNC	N/A	Turns propeller synchronization switch on
PROPELLER_REVERSE_THRUST_TOGGLE	N/A	

PROPELLER_REVERSE_THRUST_HOLD	N/A	
TOGGLE_AUTOFEATHER_ARM	N/A	Turns auto-feather arming switch on.
TOGGLE_FEATHER_SWITCHES	N/A	Trigger propeller switches
TOGGLE_FEATHER_SWITCH_1 TOGGLE_FEATHER_SWITCH_2 TOGGLE_FEATHER_SWITCH_3 TOGGLE_FEATHER_SWITCH_4	N/A	Trigger propeller 1/2/3/4 switch
TOGGLE_PROPELLER_DEICE	N/A	Toggles propeller deice switch

Throttle

Event Name	Parameters	Description
AXIS_THROTTLE_MINUS	[0]: the value between 0 - 16384	Subtracts the given value from the throttle of all engines (the final position will depend on the min_throttle_limit value).
AXIS_THROTTLE_PLUS	[0]: the value between 0 - 16384	Adds to the throttle of all engines a value comprised between 0 and 16384.
AXIS_THROTTLE_SET		Set throttles (0- 16383)
AXIS_THROTTLE1_SET AXIS_THROTTLE2_SET AXIS_THROTTLE3_SET AXIS_THROTTLE4_SET		Set throttle 1/2/3/4 exactly (0 - 16383)
DECREASE_THROTTLE		Decrement throttles
INCREASE_THROTTLE		Increment throttles

SET_REVERSE_THRUST_OFF	N/A	Turn off throttle reverse thrust for all engines.
SET_REVERSE_THRUST_ON	N/A	Turn on throttle reverse thrust for all engines.
SET_THROTTLE1_REVERSE_THRUST_OFF SET_THROTTLE2_REVERSE_THRUST_OFF SET_THROTTLE3_REVERSE_THRUST_OFF SET_THROTTLE4_REVERSE_THRUST_OFF	N/A	Turn off the throttle reverse thrust for engine 1/2/3/4.
SET_THROTTLE1_REVERSE_THRUST_ON SET_THROTTLE2_REVERSE_THRUST_ON SET_THROTTLE3_REVERSE_THRUST_ON SET_THROTTLE4_REVERSE_THRUST_ON	N/A	Turn on the throttle reverse thrust for engine 1/2/3/4.
THROTTLE_INCR	N/A	Increase all throttles by 10%.
THROTTLE_DECR	N/A	Decrease all throttles by 10%.
THROTTLE1_DECR THROTTLE2_DECR THROTTLE3_DECR THROTTLE4_DECR	N/A	Decrement throttle 1/2/3/4 by 10%.
THROTTLE_10		Set throttles to 10%
THROTTLE_20		Set throttles to 20%
THROTTLE_30		Set throttles to 30%
THROTTLE_40		Set throttles to 40%
THROTTLE_50		Set throttles to 50%
THROTTLE_60		Set throttles to 60%
THROTTLE_70		Set throttles to 70%
THROTTLE_80		Set throttles to 80%
THROTTLE_90		Set throttles to 90%

THROTTLE_AXIS_SET_EX1		
THROTTLE1_AXIS_SET_EX1 THROTTLE2_AXIS_SET_EX1 THROTTLE3_AXIS_SET_EX1 THROTTLE4_AXIS_SET_EX1		
THROTTLE_CUT		Set throttles to idle
THROTTLE1_CUT THROTTLE2_CUT THROTTLE3_CUT THROTTLE4_CUT		Set throttle 1/2/3/4 to idle
THROTTLE_CUT_EX1		
THROTTLE1_CUT_EX1 THROTTLE2_CUT_EX1 THROTTLE3_CUT_EX1 THROTTLE4_CUT_EX1		
THROTTLE_DECR_SMALL		
THROTTLE1_DECR_SMALL THROTTLE2_DECR_SMALL THROTTLE3_DECR_SMALL THROTTLE4_DECR_SMALL		
THROTTLE_DECREASE_EX1		Decrement throttles
THROTTLE1_DECREASE_EX1 THROTTLE2_DECREASE_EX1 THROTTLE3_DECREASE_EX1 THROTTLE4_DECREASE_EX1		Decrement throttle 1/2/3/4
THROTTLE_DECREASE_SMALL_EX1		Decrease throttles small
THROTTLE1_DECREASE_SMALL_EX1 THROTTLE2_DECREASE_SMALL_EX1 THROTTLE3_DECREASE_SMALL_EX1 THROTTLE4_DECREASE_SMALL_EX1		Decrease throttle 1/2/3/4 small
THROTTLE_FULL		Set throttles max

THROTTLE1_FULL THROTTLE2_FULL THROTTLE3_FULL THROTTLE4_FULL		Set throttle 1/2/3/4 max
THROTTLE_FULL_EX1		Set throttles max
THROTTLE1_FULL_EX1 THROTTLE2_FULL_EX1 THROTTLE3_FULL_EX1 THROTTLE4_FULL_EX1		Set throttle 1/2/3/4 max
THROTTLE_INCREASE_EX1		Increment throttles
THROTTLE1_INCR THROTTLE2_INCR THROTTLE3_INCR THROTTLE4_INCR		
THROTTLE1_INCREASE_EX1 THROTTLE2_INCREASE_EX1 THROTTLE3_INCREASE_EX1 THROTTLE4_INCREASE_EX1		Increment throttle 1/2/3/4
THROTTLE_INCREASE_SMALL_EX1		Increment throttles small
THROTTLE1_INCR_SMALL THROTTLE2_INCR_SMALL THROTTLE3_INCR_SMALL THROTTLE4_INCR_SMALL		
THROTTLE1_INCREASE_SMALL_EX1 THROTTLE2_INCREASE_SMALL_EX1 THROTTLE3_INCREASE_SMALL_EX1 THROTTLE4_INCREASE_SMALL_EX1		Increment throttle 1/2/3/4 small
THROTTLE_REVERSE_THRUST_TOGGLE		
THROTTLE_REVERSE_THRUST_HOLD		
THROTTLE1_REVERSE_THRUST_HOLD THROTTLE2_REVERSE_THRUST_HOLD		

THROTTLE3_REVERSE_THRUST_HOLD THROTTLE4_REVERSE_THRUST_HOLD		
THROTTLE_SET		Set throttles exactly (0-16383)
THROTTLE1_SET THROTTLE2_SET THROTTLE3_SET THROTTLE4_SET		Set throttle 1/2/3/4 exactly (0 to 16383)
TOGGLE_THROTTLE1_REVERSE_THRUST TOGGLE_THROTTLE2_REVERSE_THRUST TOGGLE_THROTTLE3_REVERSE_THRUST TOGGLE_THROTTLE4_REVERSE_THRUST	N/A	Toggle on or off the reverse thruster for engine 1/2/3/4

Turbine

Event Name	Parameters	Description
ISOLATE_TURBINE_SET	[0]: Engine index (1 to 4) [1]: State (TRUE / FALSE)	Setting this to TRUE will "isolate" the engine, effectively nullyfing the engine drag and thrust. This key takes two parameters: an engine number (from 1 to 4 to flag a specific engine, or 0 to affect all engines), and a TRUE / FALSE second parameter to set the engine isolation. ***IMPORTANT**: This event is only applicable to the DarkStar aircraft and should not be used for your own aircraft.*

ISOLATE_TURBINE_ON	[0]: Engine index (1 to 4)	Using this key will "isolate" the given engine, effectively nullyfing the engine drag and thrust. This key takes an engine number as a parameter (from 1 to 4 to flag a specific engine, or 0 to affect all engines). ***IMPORTANT**: This event is only applicable to the DarkStar aircraft and should not be used for your own aircraft.*
ISOLATE_TURBINE_OFF	[0]: Engine index (1 to 4)	Using this key will end the "isolation" for the engine, effectively enabling the engine drag and thrust again. This key takes an engine number as a parameter (from 1 to 4 to flag a specific engine, or 0 to affect all engines). ***IMPORTANT**: This event is only applicable to the DarkStar aircraft and should not be used for your own aircraft.*
ISOLATE_TURBINE_TOGGLE	[0]: Engine index (1 to 4)	This key can be used to toggle an engines "isolated" state, where an isolated engine has its drag and thrust effectively nullified.

		This key takes an engine number as a parameter (from 1 to 4 to flag a specific engine, or 0 to affect all engines). ***IMPORTANT**: This event is only applicable to the DarkStar aircraft and should not be used for your own aircraft.*
`TURBINE_IGNITION_SWITCH_SET`		

`TURBINE_IGNITION_SWITCH_SET1`
`TURBINE_IGNITION_SWITCH_SET2`
`TURBINE_IGNITION_SWITCH_SET3`
`TURBINE_IGNITION_SWITCH_SET4`		

`TURBINE_IGNITION_SWITCH_TOGGLE`		Turn the turbine ignition switch on or off.

Starter

Event Name	Parameters	Description
`JET_STARTER`	[0]: Index	Selects jet engine starter (for +/- sequence)
`SET_STARTER1_HELD`	[0]: Bool	Set the Starter for engine 1 to on or off. If set to on (TRUE) the starter will *stay* on, and setting the event to off (FALSE) will disable the starter, but *only* after the engine RPM is above the 50% threshold. To disable

		the starter immediately you should use `STARTER1_SET`, and note that turbine engines will need *both* these events triggered to off (FALSE).
`SET_STARTER2_HELD`	[0]: Bool	Set the Starter for engine 2 to on or off. If set to on (TRUE) the starter will *stay* on, and setting the event to off (FALSE) will disable the starter, but *only* after the engine RPM is above the 50% threshold. To disable the starter immediately you should use `STARTER2_SET`, and note that turbine engines will need *both* these events triggered to off (FALSE).
`SET_STARTER3_HELD`	[0]: Bool	Set the Starter for engine 3 to on or off. If set to on (TRUE) the starter will *stay* on, and setting the event to off (FALSE) will disable the starter, but *only* after the engine RPM is above the 50% threshold. To disable the starter immediately you should use `STARTER3_SET`, and

		note that turbine engines will need *both* these events triggered to off (FALSE).
SET_STARTER4_HELD	[0]: Bool	Set the Starter for engine 4 to on or off. If set to on (TRUE) the starter will *stay* on, and setting the event to off (FALSE) will disable the starter, but *only* after the engine RPM is above the 50% threshold. To disable the starter immediately you should use STARTER4_SET, and note that turbine engines will need *both* these events triggered to off (FALSE).
SET_STARTER_ALL_HELD	[0]: Bool	Set the Starter for all engines to on or off. If set to on (TRUE) the starter will *stay* on until set to off (FALSE) with another call to the event.
STARTER_GEN		*Not used in the simulation.*
STARTER_OFF		*Not used in the simulation.*
STARTER_SET	[0]: Bool	Set the status of the current controlled engine starters to On/Off. Controlled

		engines are set through the SimVar `ENGINE CONTROL SELECT`.
`STARTER1_SET`	[0]: Bool	Set the Starter for engine 1 to on or off. Note that the starter will only stay on for a short time before switching itself off again on piston engines. If you wish the starter to stay on, use `SET_STARTER1_HELD`.
`STARTER2_SET`	[0]: Bool	Set the Starter for engine 1 to on or off. Note that the starter will only stay on for a short time before switching itself off again on piston engines. If you wish the starter to stay on, use `SET_STARTER2_HELD`.
`STARTER3_SET`	[0]: Bool	Set the Starter for engine 1 to on or off. Note that the starter will only stay on for a short time before switching itself off again on piston engines. If you wish the starter to stay