

CRJ Throttle Calibration

For most devices, the preset throttle calibration should work just fine. More complex devices can be calibrated and configured to perfectly match the CRJ.

The throttle calibration window can be opened by clicking “Calibrate Throttle” on the Options page 2 in the Electronic Flightbag.

Throttle Position	Eng #1	Eng #2
MAX POWER	16384	16384
TOGA	6683	6764
CLB	14335	73
IDLE	-8183	-8077
REV MAX	-16384	-16384

Sensitivity: 128, 2000

Idle/Reverse Gap: -100, -10, +10, +100

Raw Input Data: Throttle Axis #1: -8116, Throttle Axis #2: -8124

- **Single Axis**
Select this if you use one single input axis to control both throttle levers at once
- **Dual Axis**
Select this if you use a separate input axis for each of the throttle levers
- **Reverser Axis**
Use this, if the range of your input axis/axes includes a thrust reverser range. This is actually a pretty rare feature as most controllers (for example: joysticks with throttle sliders, Saitek Throttle Quadrant, GoFlight TQ-6) don't have an actual reverser range but use a joystick button instead. An example for a controller with a reverser range would be the Thrustmaster TCA Airbus Throttle Quadrant.
If you don't know if your controller supports this feature or not, you can easily find out by moving the input axis from the idle to the full reverse position while checking the numbers in the Raw Input Data section of the calibration window. If the numbers do not change then your controller doesn't have a true reverser axis.

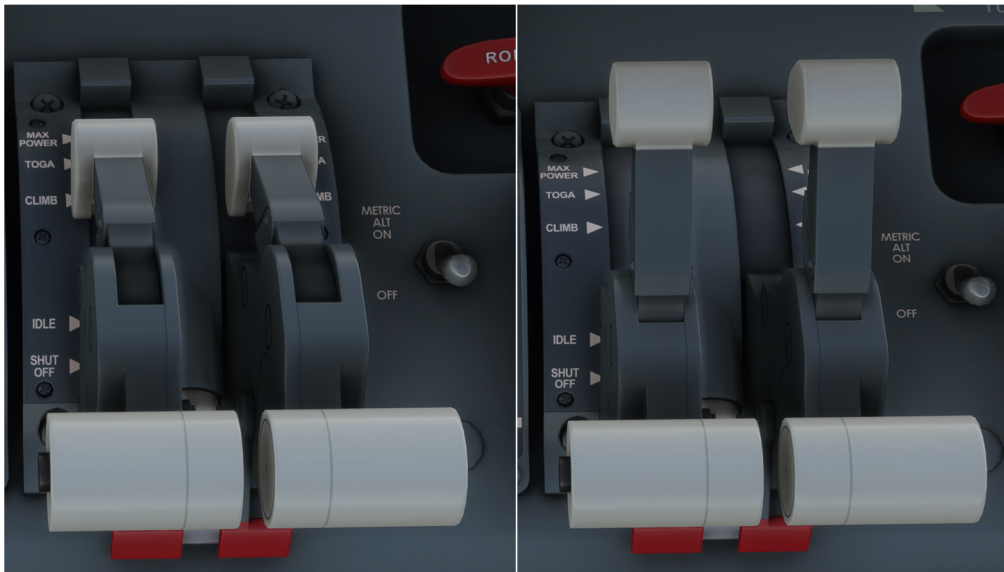
- **Throttle Positions**

The throttle levers in the CRJ have three fixed positions (“detents”) for **MAX POWER**, **TOGA** and **CLIMB** as well as a CRZ range and a REV range.

To set the positions of each, move your throttle controller to the appropriate position and click **SET**.

IDLE defines the lower end of the CRZ range which covers the range between **IDLE** and **CLIMB**.

REV MAX defines the position where the reverser levers are fully up. This setting is only available if the Reverser Axis option is enabled.



Throttles in IDLE position with reversers closed (left) and opened (right)

- **Sensitivity**

This is the minimum distance between two detents as well as between the **CLIMB** detent and the upper limit of the CRZ range.

- **Idle/Reverse Gap**

This is the distance between IDLE and the upper limit of the reverser range. This setting is only available if the Reverser Axis option is enabled.

- **Validate**

This function checks whether the distances between the detents and ranges are big enough so that they don't overlap.

- **Defaults**

Restores the default calibration settings.