

Honeycomb Delta Throttle profile for the Airbus A321NEO Toliss

(To be tested on the 319 and 320 from Toliss)

The Delta Throttle is configured on the one hand via the X-plane interface and on the other hand via the Configurator Tool program.

A habit to quickly acquire concerns the choice of what will modify the rotary knob +/- (increase / decrease).

As the button modifies your last choice, **it is recommended to systematically re-validate your choice before using the rotary button or the HDG, ALT, IAS, VS buttons of the PA.**

This necessary gymnastics quickly becomes a habit.

Use :

Switch n ° 1 allows you to choose the action to push or pull the HDG, ALT, IAS, VS buttons.

- Bring the switch to the high position for the action to be pushed (MANAGER) then press on your choice (HDG, ALT, IAS, VS)
- Put the switch in the low position for the action to be pulled (SELECTED) then press on your choice (HDG, ALT, IAS, VS)

Switch n ° 2 allows you to engage LS on the FCU, you have to go back and forth down> up> down

Switch n ° 4 allows you to modify the lighting intensity of the ECAMs

Switch n ° 5 allows you to modify the lighting intensity of the PFD (high position) and ND (base position)

Switch n ° 6 used to manage the value of QNH, in the upper position the button is pushed and the rotary button is used to modify the value of QNH. In the down position, the button is pulled out and the QNH goes to STANDARD.

Switch n ° 7 placing it in the high position adjusts the zoom of the captain's ND. In the low position it allows you to choose the ND display mode

The LEDs of the HDG, ALT, IAS pushbuttons are only lit when the MANAGED mode is selected AND locked (presence of small white LEDs on the FCU).

The reverse controls are functional (with the original throttles).

- down position : reverse disabled
- up position: reverse on

IMPORTANT: always set the throttles to the idle position before using the reverse control.

Make sure that there are no reverse controls set in the X-plane configuration.

The APU indicator is on when the APU is supplying power, not when it is started.

For the other luminous annunciators I copied in the profile proposed by kavster >>
<https://forum.aerosoft.com/index.php?/files/file/6013-toliss-a319a321-profile/>

Configuration in X-plane:

In red what is mandatory, in blue it is just informative.

| | | | |
|----|---------------------------------------|----|--|
| 1 | HDG: Ne rien faire. | 21 | 14: Ne rien faire. |
| 2 | NAV: LOC button pressed. | 22 | 15: Push the LS button on the Captain EFIS control panel |
| 3 | APR: Activate the approach phase | 23 | 16: Ne rien faire. |
| 4 | REV: Ne rien faire. | 24 | 17: Ne rien faire. |
| 5 | ALT: Ne rien faire. | 25 | 18: Ne rien faire. |
| 6 | CRS: Ne rien faire. | 26 | 19: Ne rien faire. |
| 7 | IAS: Ne rien faire. | 27 | 20: Ne rien faire. |
| 8 | AUTOPILOT: Push AP1 button | 28 | 21: Ne rien faire. |
| 9 | INCR: Ne rien faire. | 29 | 22: Ne rien faire. |
| 10 | DECR: Ne rien faire. | 30 | 23: Ne rien faire. |
| 11 | Flaps down: Volets un cran + bas. | 31 | 24: Ne rien faire. |
| 12 | Flaps up: Volets un cran + haut. | 32 | 25: Ne rien faire. |
| 13 | IAS: Ne rien faire. | 33 | 26: Ne rien faire. |
| 14 | CRS: Ne rien faire. | | |
| 15 | HDG: Ne rien faire. | | |
| 16 | VS: Ne rien faire. | | |
| 17 | ALT: Ne rien faire. | | |
| 18 | Gear Up: Train d'atterrissage: haut. | | |
| 19 | Gear Down: Train d'atterrissage: bas. | | |
| 20 | 13: Ne rien faire. | | |

Sélecteur rotatif Bouton rotatif +/-



| Light switch | High | Low |
|--------------|--|-----------------------------------|
| 1 | Managed | Selected |
| 2 | LS captain, go back and forth position up >> down | |
| 3 | | |
| 4 | ECAM lighting | ECAM lighting |
| 5 | PFD lighting | ND lighting |
| 6 | Captain Baro Puss + QNH adjustment with +/- button | Captain Baro Pull QNH Standard |
| 7 | Zoom ND Captain | ND Captain Mode |

Memo to scale 😊



| | | | | | | |
|---|----|--|-------------|-----|------------|------------|
| M | LS | | ECAM SUP | PFD | QNH +/- | ND Zoom |
| S | | | ECAM INF | ND | QNH Std | ND Mode |