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Microsoft Flight Simulator 2024

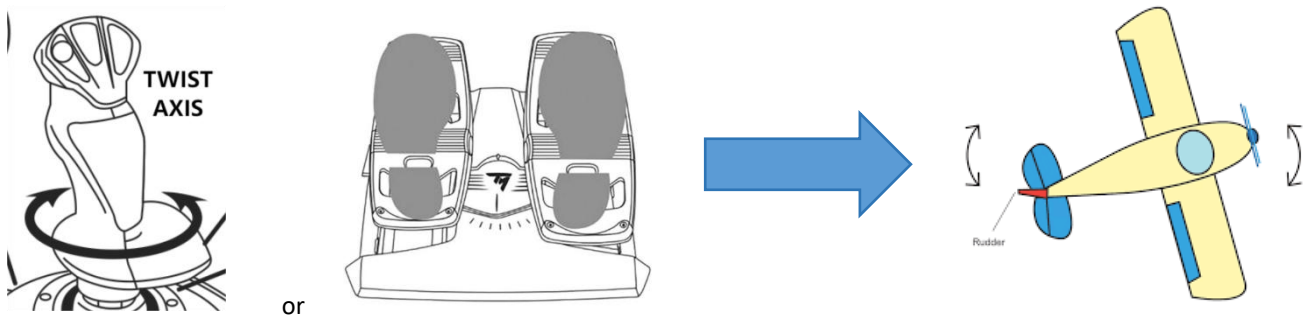
How to fix TCA Airbus Edition devices control profile on Microsoft Flight Simulator 2024

In the tutorial below, we will explain how to fix some MSFS 2024 default control settings for use with TCA Sidestick X Airbus Edition as well as TCA Quadrant Airbus Edition.

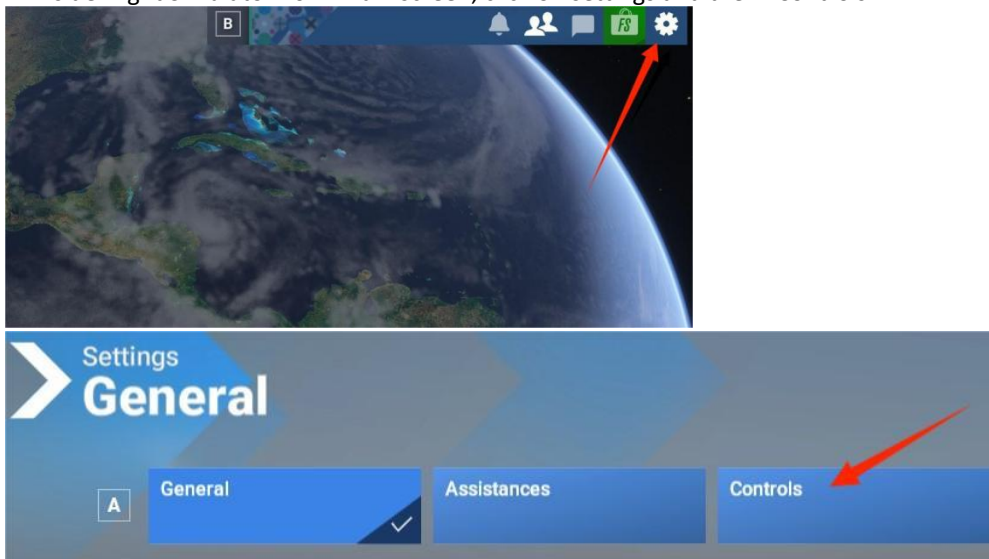
Rudder configuration on TCA Sidestick X:

The first correction is for the aircraft rudder, which is incorrectly configured by default to be operated by the TCA Sidestick X Airbus Edition throttle.

To correctly configure this control to be activated by the twist movement of the stick or using the TFRP pedal set, follow the steps below:

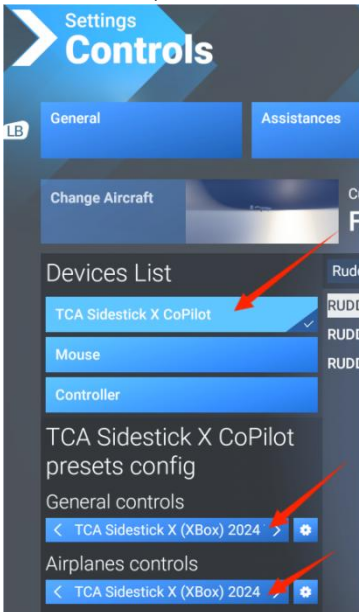


1. Inside Flight Simulator 2024 main screen, click on settings and then "Controls":



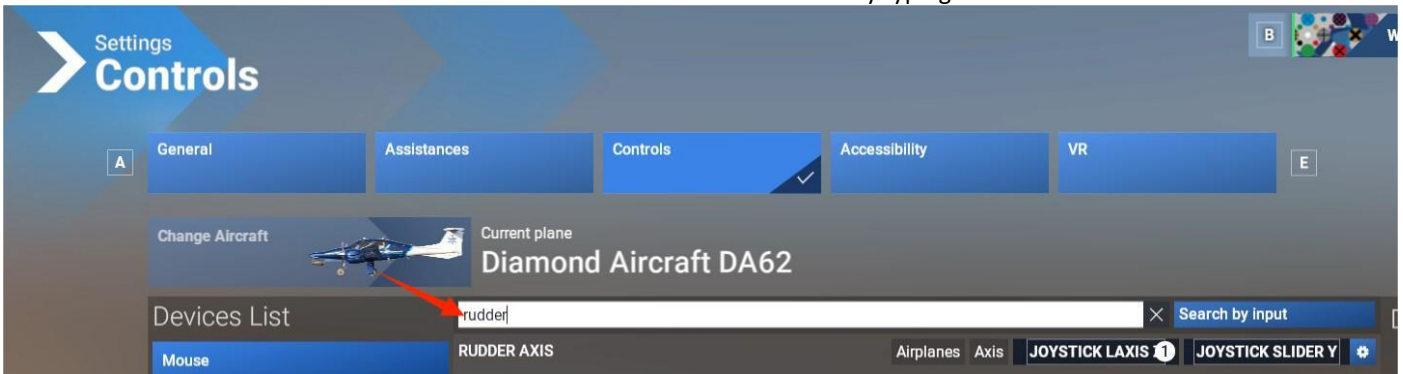
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2. On left side, click over the device you want to map its controls, select the profiles as shown bellow and filter as Assigned:

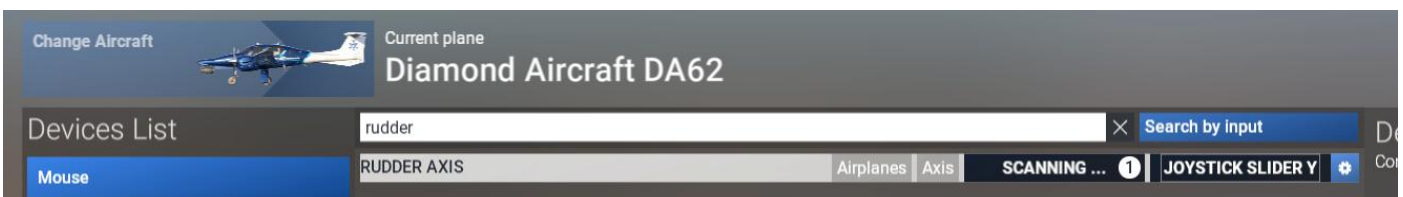
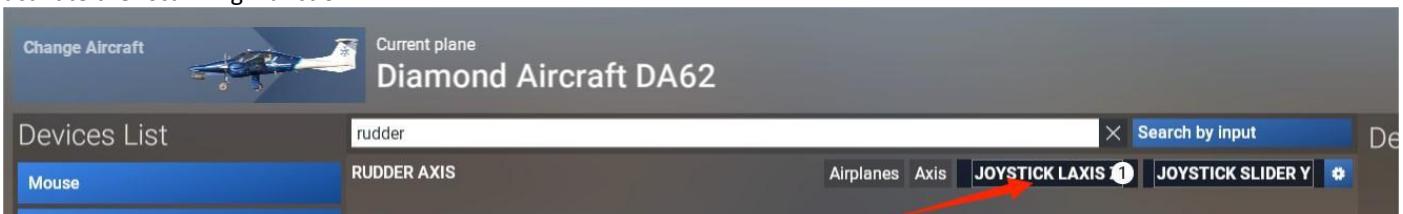


Now we will find the rudder control which we want to correctly assign to joystick twist axis or rudder pedals.

3. Click in the field below the aircraft name to locate the "rudder axis" control by typing its function name:



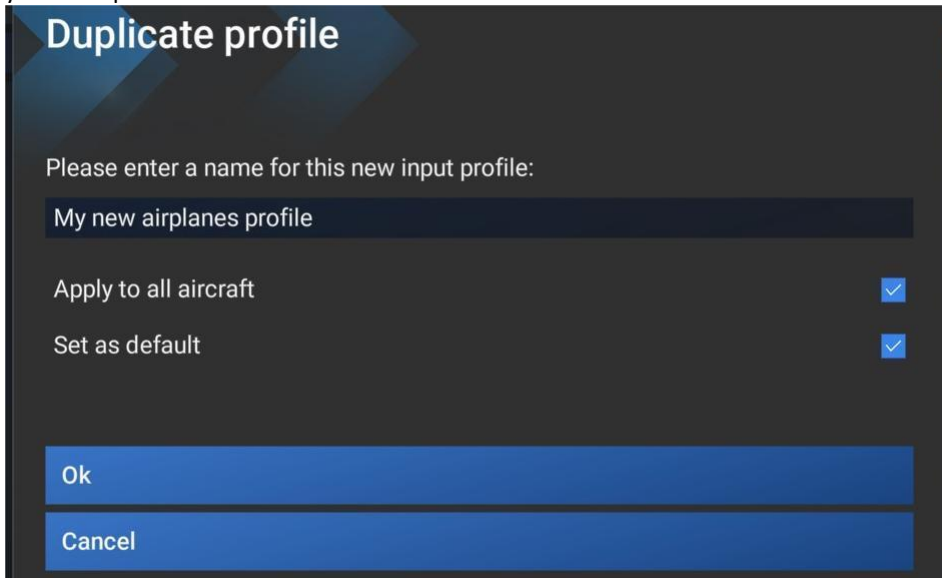
4. After locating the desired function, press the B button on your gamepad to navigate in the left column, and then select your device again to access the controls list on the right. Press A on the first rectangle to the right of its name (RUDDER AXIS). This will activate the "scanning" function:



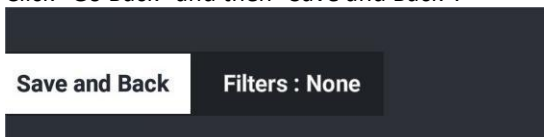
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5. Move the control you want to perform that function, in this case by moving the twist axis on your TCA Sidestick. In case you are using a TFRP pedal set, you can slide the rudder pedals.

The game will detect the action and assign the control for its intended function. At that moment, it will request a new name for your new profile.



6. The rudder function is now correctly assigned! The functions already assigned by default will keep working. Click "Go Back" and then "Save and Back".



Inverted Throttle

The second correction to be made is regarding the inverted control of the TCA Sidestick X Airbus Edition. In this case, the correct is that the aircraft accelerates by advancing the slider of the throttle.



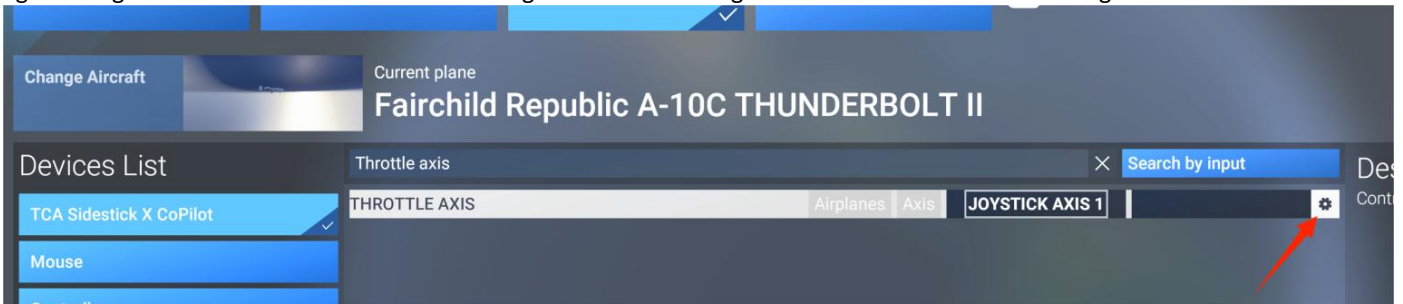
If the accelerator is acting in a inverted manner, follow the steps below to set it correctly:

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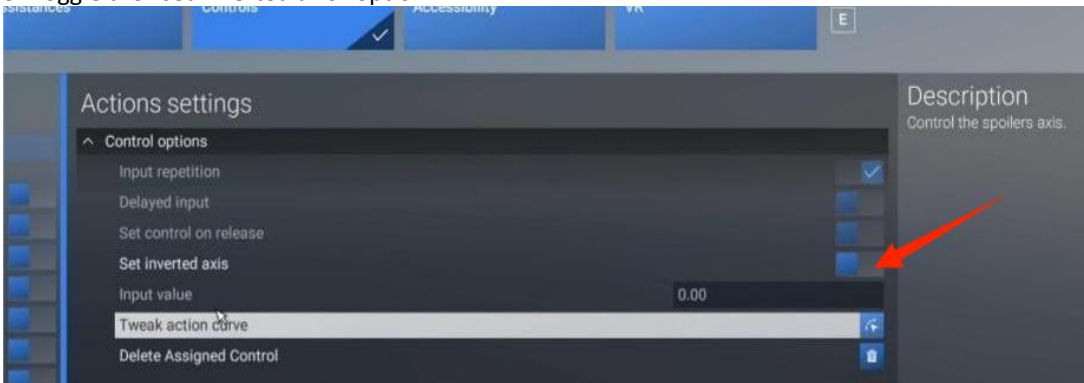
1. Using the search field, search for "Throttle axis":



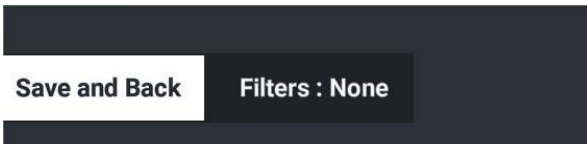
2. After locating the function, press the B button on your gamepad to navigate in the left column, and then select your device again using A to access the controls list on the right. Press A on the gear icon to see its "Actions settings":



3. Toggle the "set inverted axis" option:



4. Once Throttle Axis function is checked as "inverted", you can now click on "go back" and "Save and Back":



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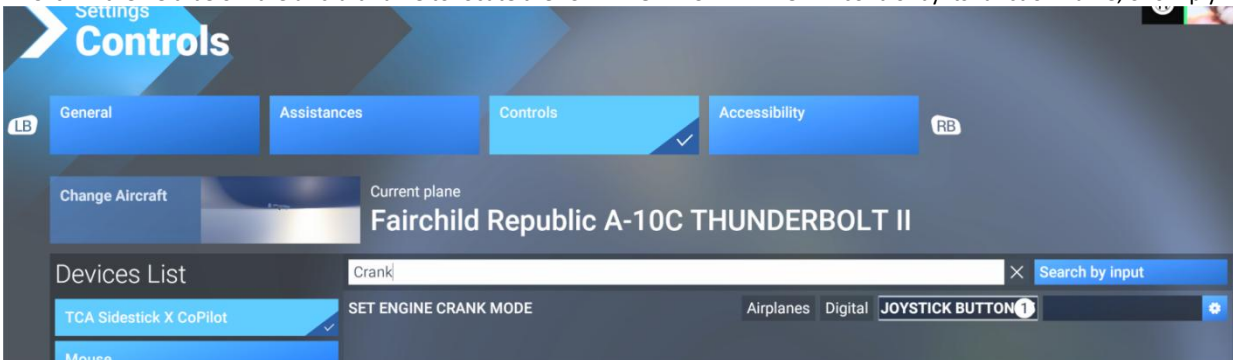
TCA Quadrant Airbus Edition - Starter switch correction

Our third suggested correction concerns the operation of the TCA Quadrant Airbus Edition starter switch. The correct mapping of the functions of this switch in MSFS 2024 follows below:

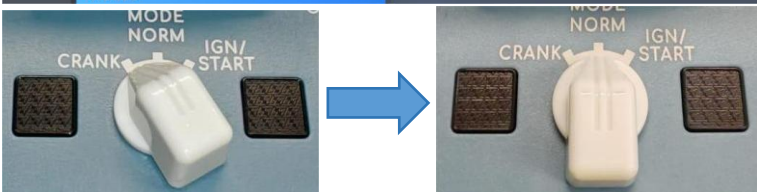
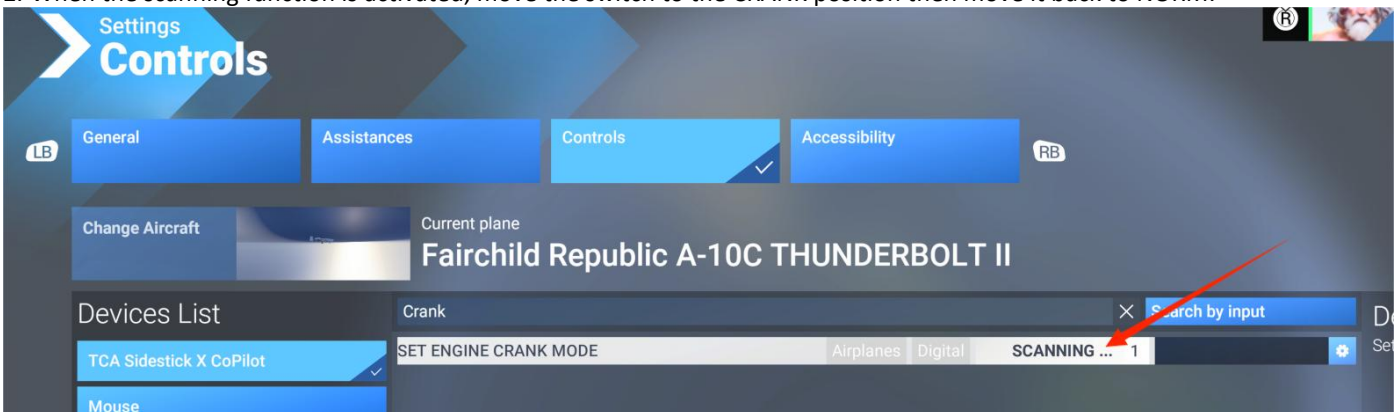


Before starting, set the starter switch to NORM.

1. Click in the field below the aircraft name to locate the "SET ENGINE CRANK MODE" control by its function name, or simply "Crank":

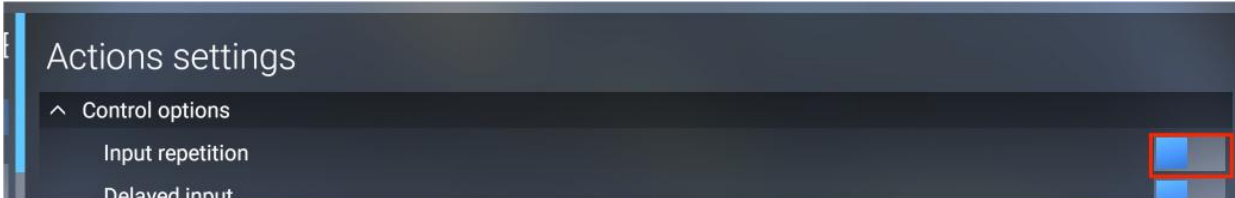
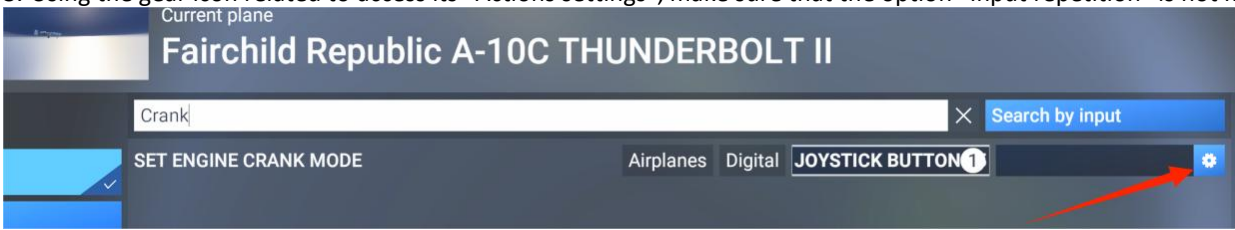


2. When the scanning function is activated, move the switch to the CRANK position then move it back to NORM:

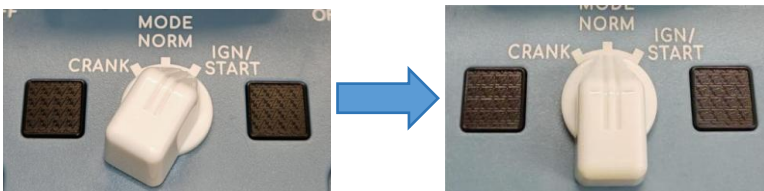


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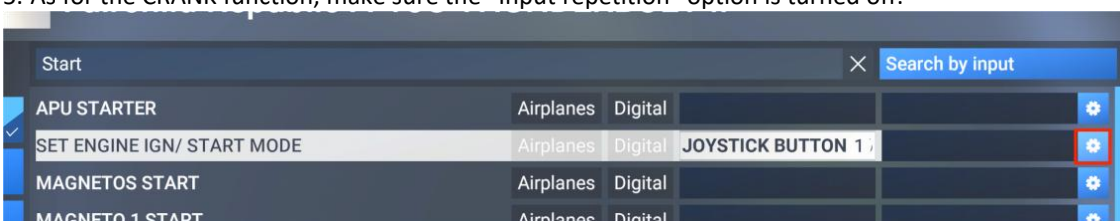
3. Using the gear icon related to access its “Actions settings”, make sure that the option “Input repetition” is not marked:



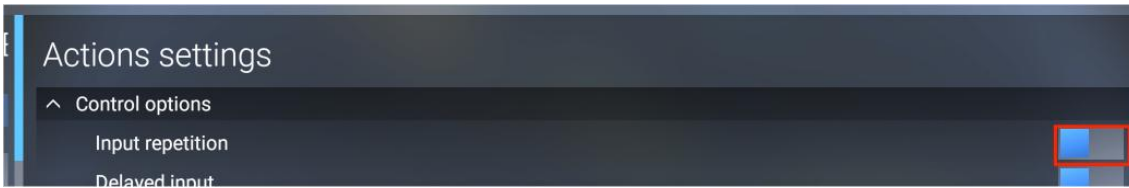
4. Now we will do the same procedure for the **Start** option, which is named as “Set Engine Ign/ Start Mode”:



5. As for the CRANK function, make sure the “Input repetition” option is turned off:



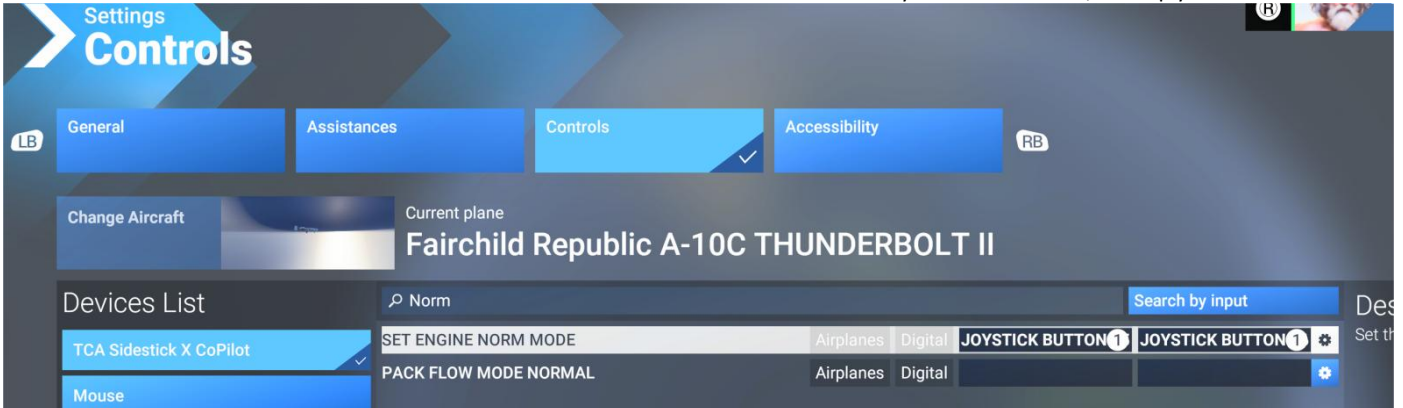
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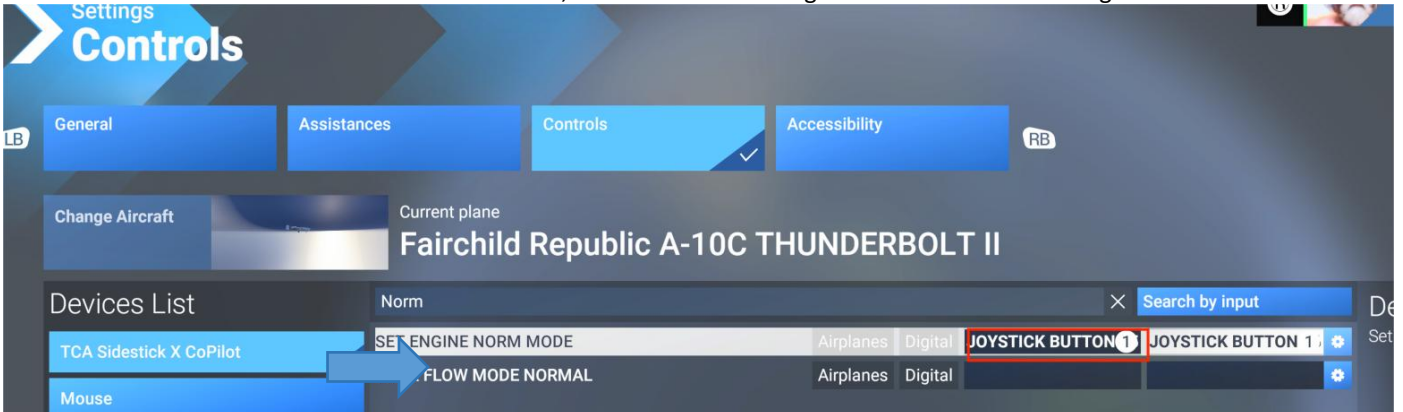
6. And finally we will configure the switch NORM mode.

For this, the procedure will be the same of the START and CRANK positions.

Click in the field below the aircraft name to locate the "SET ENGINE NORM MODE" control by its function name, or simply "NORM":



7. In the "SET ENGINE NORM MODE" command line, select the first rectangle to activate the "scanning" function:



8. Move the starter switch to the position "Crank" then return it to "Norm":



And repeat the same operation, but now scanning the command on the right rectangle and using the IGN/Start position:



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We will see both rectangles filled:

Devices List		Norm	Search by input			
TCA Sidestick X CoPilot	SET ENGINE NORM MODE	Airplanes	Digital	JOYSTICK BUTTON 1	JOYSTICK BUTTON 1	⚙️
Mouse	PACK FLOW MODE NORMAL	Airplanes	Digital			⚙️

9. The last step is to modify the "Actions settings" through the gear icons:

Devices List		Norm	Search by input			
TCA Sidestick X CoPilot	SET ENGINE NORM MODE	Airplanes	Digital	JOYSTICK BUTTON 1	JOYSTICK BUTTON 1	⚙️
Mouse	PACK FLOW MODE NORMAL	Airplanes	Digital			⚙️

Actions settings

Control options

- Input repetition
- Delayed input
- Set control on release
- Set inverted axis
- Input value

It is finished, click "Go Back" and then "Save and Back".

Save and Back Filters : None

For additional instructions regarding Microsoft Flight Simulator 2024 control setup, we recommend that you contact Microsoft support or check the community's suggestions on the MSFS forums.

Have nice flights!