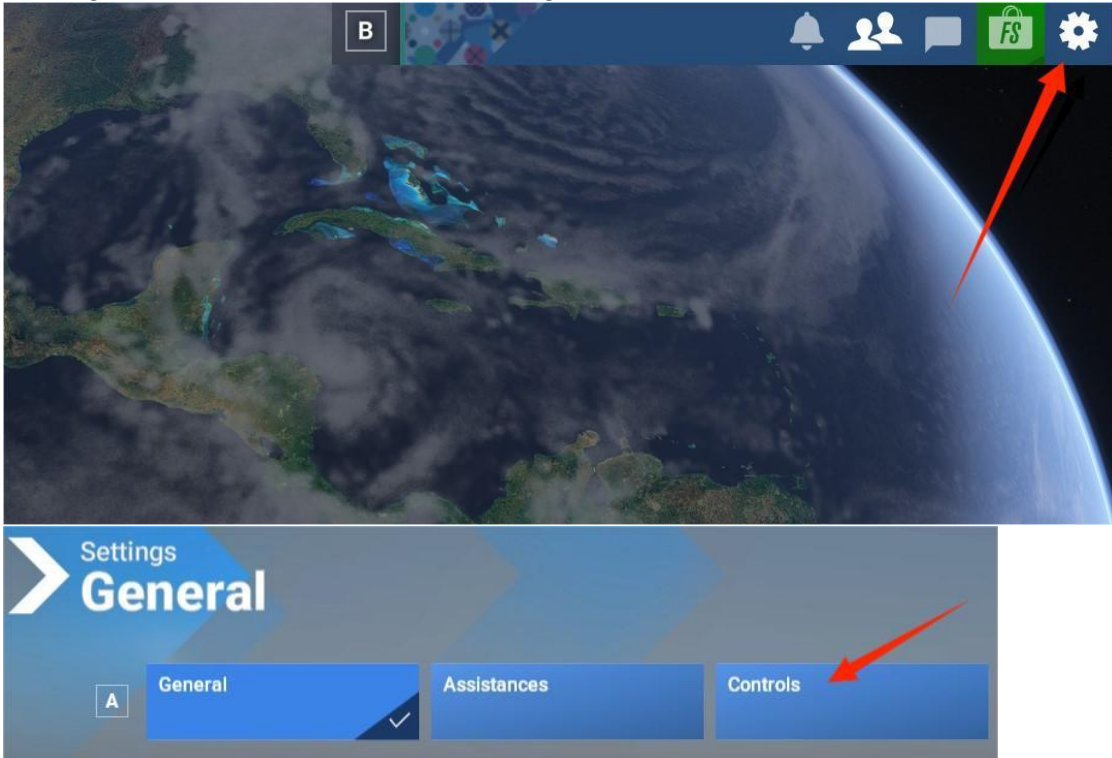# THRUSTMASTER®

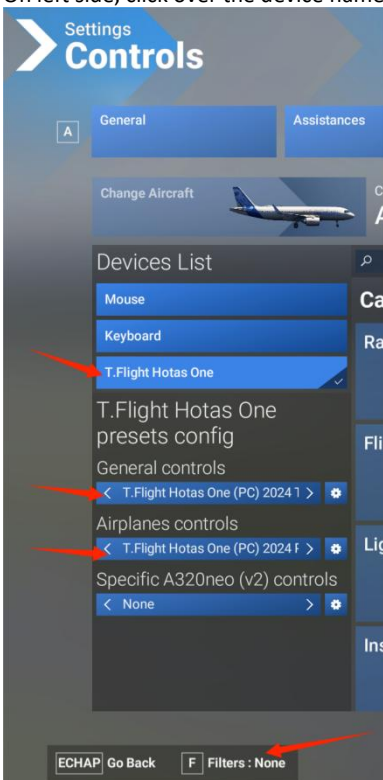Microsoft Flight Simulator 2024 – PC versions

How to create a mapping control for Thrustmaster flight control devices

Before starting, make sure you have installed the latest product driver on your PC. You can download the driver package at the following link:
https://support.thrustmaster.com/en/cat-joysticks-en/

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

On left side, click over the device name you want to map its controls, select the profiles as shown bellow and filter as NONE:
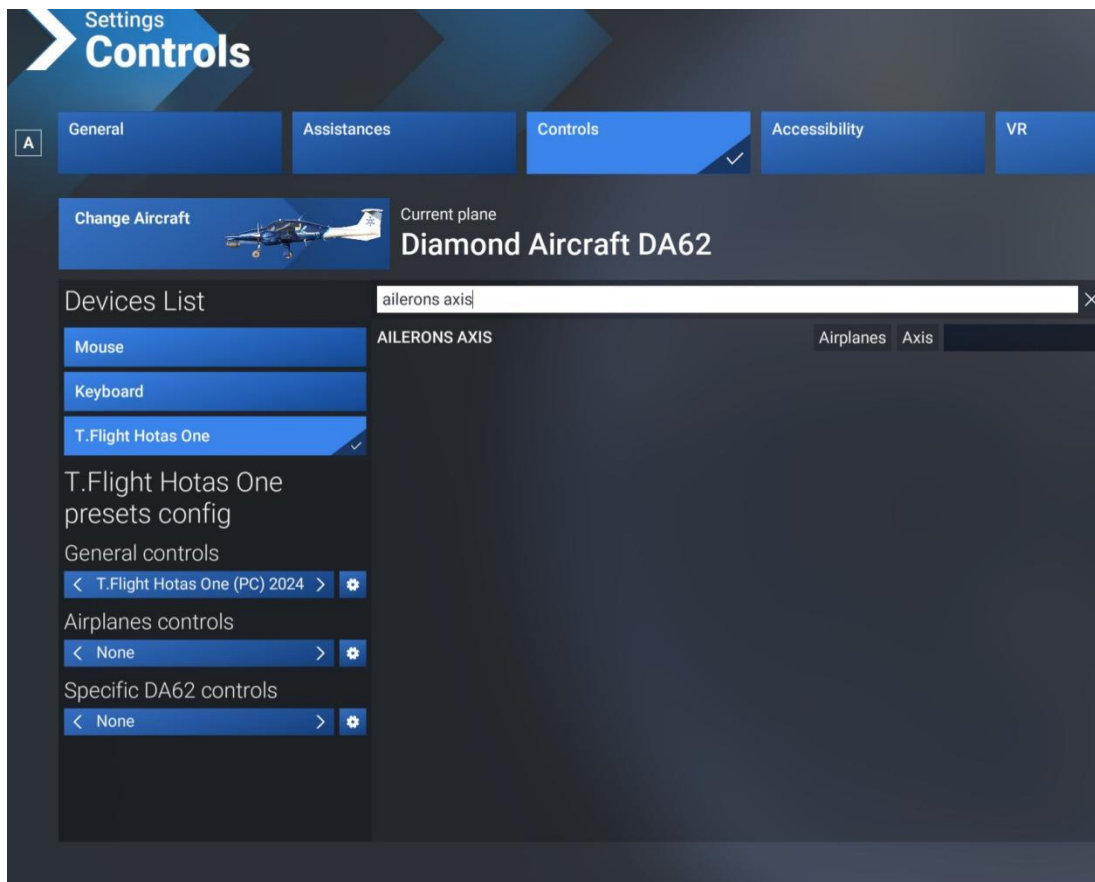
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Now we will start to select each control to be assigned to the button or axis according to your preference. As reference, you can use our mapping posters presented on our tech support website.
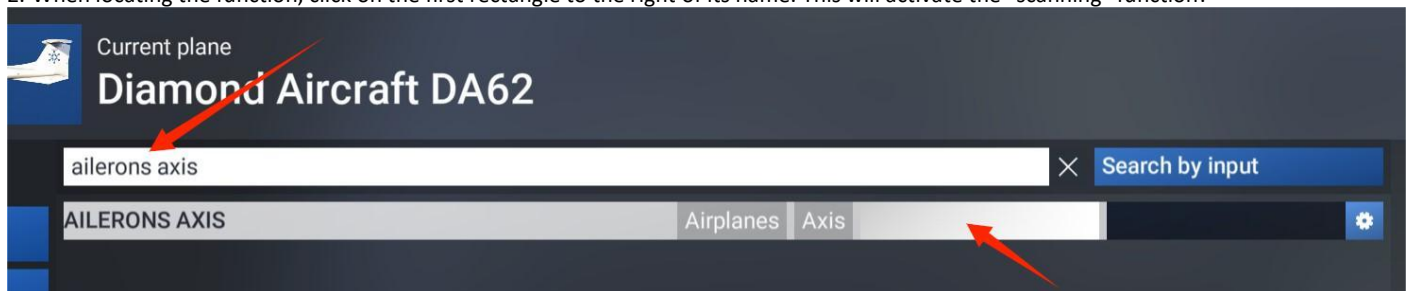
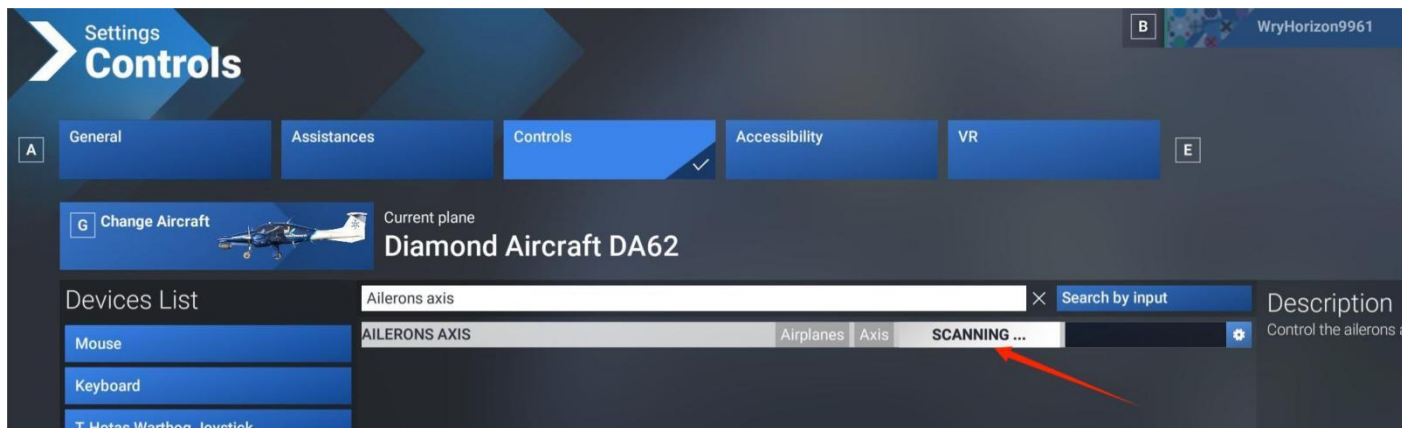1. Click on the field below the aircraft name to locate a specific control. For example "AILERONS AXIS":

For your information:
- To know the right control for your mapping, you can use our mapping posters in each product page of our support website: https://support.thrustmaster.com/en/cat-joysticks-en/
- X axis = Pitch = Ailerons axis, Y axis = Roll = Elevator axis, Z axis = Yaw = Rudder axis)
- To map your throttle, you need to write "Throttle axis"
- It is possible to directly map your specific control through settings without writing in the search bar
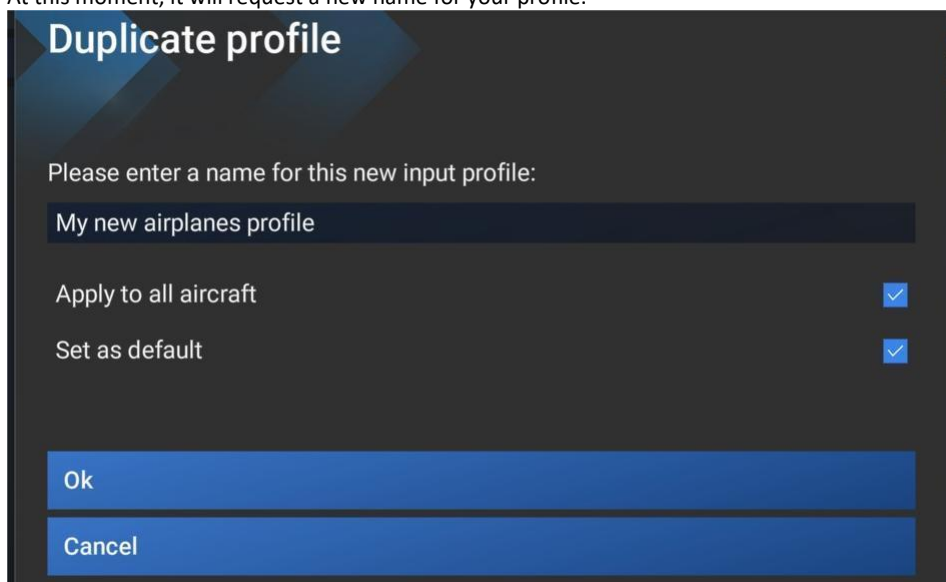

2. When locating the function, click on the first rectangle to the right of its name. This will activate the "scanning" function:
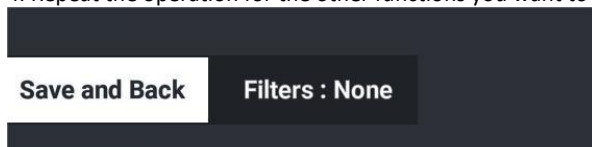
3. Move the control axis or press a button to assign it for the function you want to be performed by your device.
The game will detect the action and assimilate control for its intended function.
At this moment, it will request a new name for your profile.

4. Repeat the operation for the other functions you want to assign. When finished, click "Go Back" and then "Save and Back".
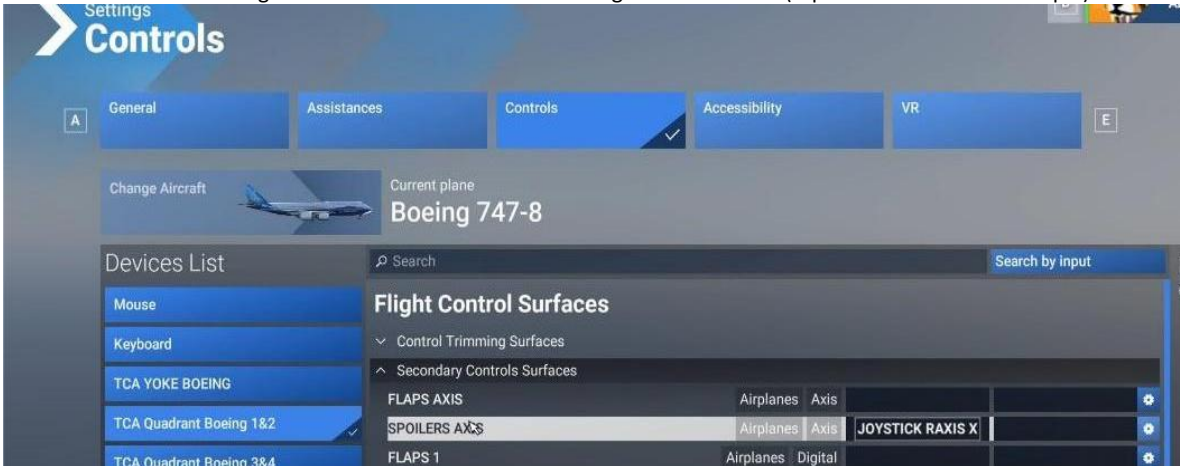

You can now test the controls you have mapped with your preferred airplane.
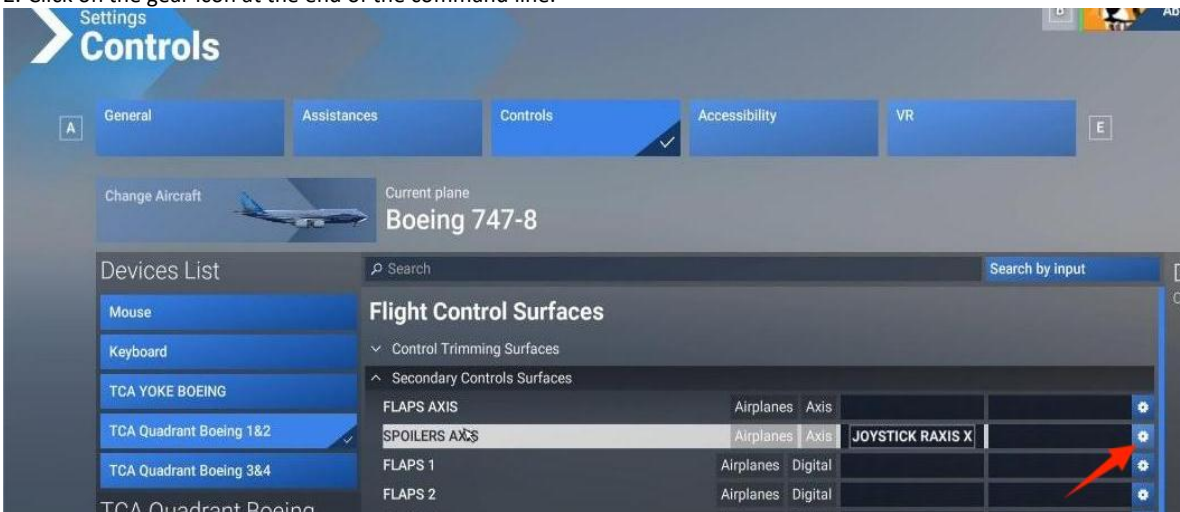
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+ Additional information regarding inverted actions:

If after mapping functions assigned to axes such as ailerons, rudder, elevator and throttle, it is noted that their axis are inverted (for example joystick rudder left control moving the yaw axis to the right), an additional configuration is necessary.
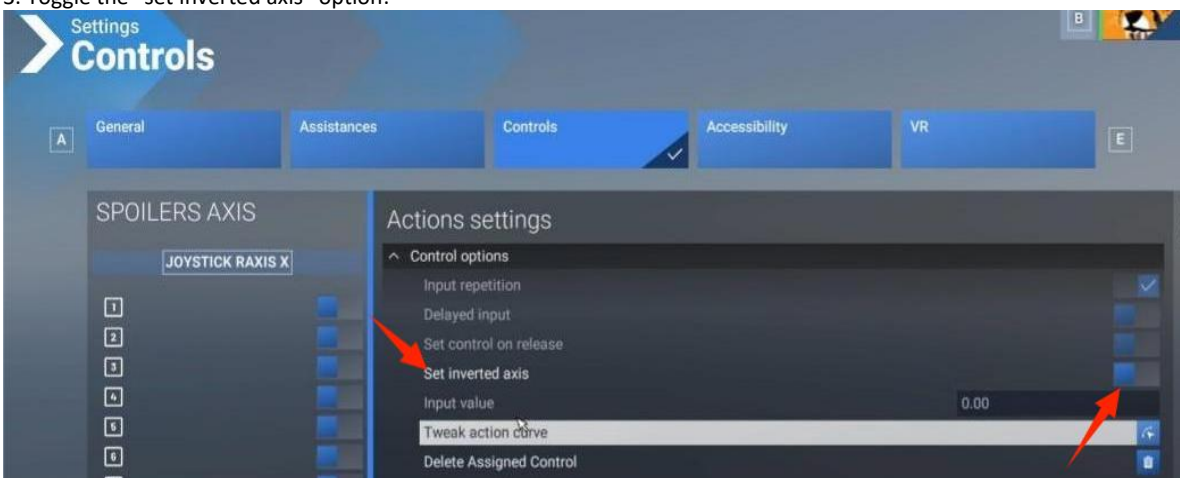To fix this, check the following steps:

1. Locate the function assigned to the axis that is inverted using the search field ("spoilers axis" in this example):

2. Click on the gear icon at the end of the command line:

3. Toggle the "set inverted axis" option:

When finished, click "Go Back" and then "Save and Back".

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!