FS-FlightControl
Manual

Instructor Operator Station
for Microsoft Flight Simulator, Prepar3D and X-Plane

Table of Contents

FUEL/LOAD

Set the current aircraft fuel amount in all or individual tanks, change the payload of the aircraft and get an overview with automated weight calculation.

Fuel

In first section you can see and adjust the current fuel amount of the aircraft.

On top of the list you can see `All Tanks` which shows the total fuel amount. Below that all individual tanks are listed.

You can change the current fuel amount either for all tanks - which leads to your change being equally spread around all tanks - or for one tank individually.

Either click on one of the five percent buttons to quickly set a common fuel amount or enter a specific value into the input field.

Payload

This payload section is designed similar to the fuel section: All payload stations are listed and the load of each payload station can be adjusted by clicking on the appropriate button or entering a specific value manually.

Weight Calculation

```
┌─Weight Calculation─────────
  Empty Weight:        1,774 kg
  + Payload:             340 kg

  = Zero Fuel
    Weight (ZFW):      2,114 kg
  + Fuel Weight:         290 kg

  = Gross Weight:      2,404 kg

  Max Weight:          2,506 kg

  Center of Gravity:    20.2 %
    CG Lateral           0.0 %
```

In the weight calculation section the current aircraft weight is calculated in real-time considering the aircraft empty weight, the current payload as well as the remaining fuel in all tanks.

Additionally the longitudinal and lateral center of gravity (CG) is displayed here.

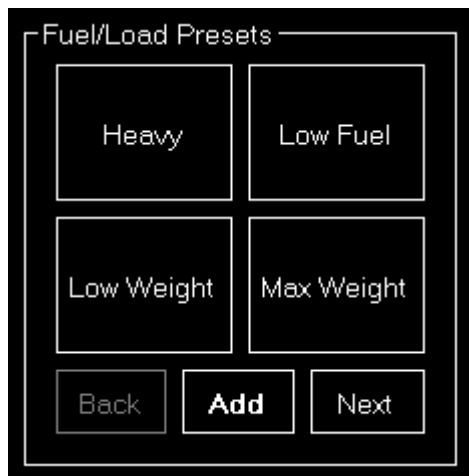📕 Note: The lateral center of gravity is not available for X-Plane.

Freeze Fuel

```
Freeze Current Fuel Level
```

Additionally there is an option to freeze the current fuel amount of the aircraft. Then it will not consume fuel anymore as long as this option is set.

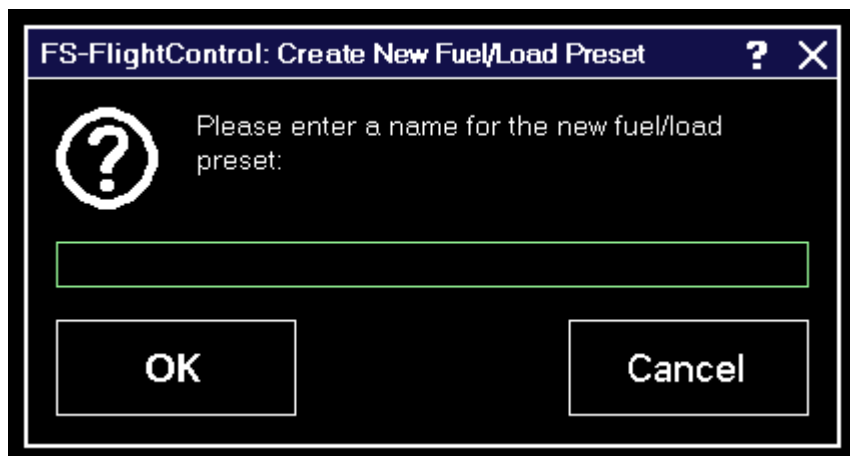```
Unfreeze Current Fuel Level
```

To unfreeze the fuel again, just click a second time on the button.

# Fuel/Load Presets

All your saved fuel/load presets are listed here. There is no limit in the number of fuel/load presets you can define.
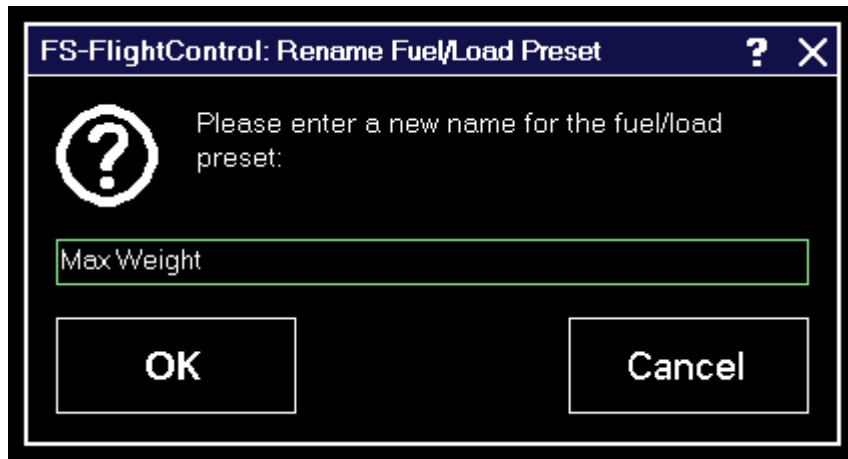
## Create new Fuel/Load Preset



When creating a new fuel/load preset, you need to enter a name for it in this dialog.

## Pop-Up Menu



If you right click (long "touch") on a fuel/load preset this pop-up menu will be shown enabling you to rename or delete an existent fuel/load preset again.

### Rename Fuel/Load Preset

Here you can set a new name for an existent fuel/load preset.

**FS-FlightControl Manual:**
*https://www.fs-flightcontrol.com/en/manual/*

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