



## Flexible W&B for EFB

# Configuring, analyzing and reporting weight & balance

Flexible W&B is a customizable EFB software, which supports pilots in quickly configuring and reporting payload before every flight and for all tail numbers of the fleet.

### Benefits

#### Increased efficiency

Save time during regular or time-critical operations

#### Higher safety & accuracy

Minimize risk of human factor related errors

#### Paperless workflow

Use digital manual and generate automatic reports

#### High flexibility

Modify and update fleet and aircraft data centrally

#### Reliable decision support

Find the optimum weight distribution, fuel and remaining allowance for tactical missions

#### Built around you

Integrate your assets and tailor-made functionalities

In flight operations, every minute wasted means a loss of revenue or even jeopardy to safety, so operators are looking to automate inefficient manual procedures. The mandatory pre-flight weight & balance calculation, which determines that the aircraft's CG is within the allowable limits based on a combination of aircraft type specific weights and tail number specific payload data is a case in point. Performing the calculation and the associated paperwork (e.g. Chart E) by hand is cumbersome and time-consuming, especially when dealing with highly diverse fleets.

Integrating data from aircraft type specifications as well as individual aircraft characteristics flexibly controlled and managed by the fleet manager, our Flexible W&B solution significantly reduces the data entry workload and enables pilots to configure and report their aircraft weight with just a few taps, either on their EFBs or a ground station.

Our Flexible W&B solution can integrate proprietary methods, legacy data and codes and can also be deployed as a web-based solution. Our cutting-edge development toolbox allows us to take a flexible building-block approach to creating your bespoke solution, which not only saves time and money but also guarantees your customization is built around a robust and reliable functional core.

## Key Features

### Enhanced user experience

Intuitive and state-of-the-art graphical user interface

### Designed for efficiency

Only few taps required to complete the task

### Mobile & portable

W&B can be performed in-between assignments

### Consistent with AFM

Calculations, data, constraints derived from the flight manual

### Easy reporting

Weight summary PDF generated with one click

### Multi platform

Deployable on web, Windows, iOS and Android, both ground station or EFB

### Effective fleet management

Work with up-to-date aircraft data

### Avionics integration

Read and display current fuel level on fuel consumption curve

### Customizable solution

Built leveraging our cutting-edge development toolbox



## Speed up payload configuration and checks

The Flexible W&B solution significantly reduces setup time by pre-filling tail number specific weight data from your last W&B calculation, so all you have to do is enter variable weights such as passengers & cargo or fuel load. Where applicable the software can be connected to the avionics systems to automatically retrieve information such as current fuel level or to produce and upload a binary file with weight & balance settings.

During data entry, the Flexible W&B solution will inform you of any violations of the weight limits defined in your AFM, making it easy to adjust your configuration as needed. Once you have established that your aircraft is loaded within its envelope along the entire fuel consumption curve, you can export the summary to PDF with a single click, ready for submission to authorities.

Behind the scenes, the groundwork is laid by the fleet manager, who can set up and maintain weight data for the entire aircraft fleet through a dedicated service or with EFB admin tools. Starting from basic aircraft types, fleet managers can modify weight data or seat configurations or even create equipment or load carriers not included in the AFM. Changes will be instantly pushed to all operators, ensuring everyone works with the latest data at all times.

The Flexible W&B solution can be easily tailored to customer needs, adding bespoke functionality or customizations. Its key technologies have been chosen for portability, so the software can both be part of a ground station or an EFB suite, e.g. integrated with other TXT EFB applications like flight plan performance.

**To find out more or request a free software demo, please visit our website!**

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