



OptaLoad

The OptaLoad module is available as a standalone weight & balance solution as well as an application for integration into a ground station suite.

- Lightweight solution for fixed and rotary wing A/Cs
- Easy A/C load calculation via drag and drop
- Preparation of B-Form and transfer to relevant systems

OptaLoad

Current situation:

Each A/C platform and weapon system has its own load management solution

- Large number of applications and workstations required
- Great expense and effort needed to eliminate hardware and software obsolescence

Load management often conducted with non-approved applications or MS Excel worksheets due to a lack of airworthiness-approved solutions:

- Load Masters are often personally liable

The OptaLoad module

- Is platform-independent due to virtualisation, so computer platforms can be easily changed
- Simplifies obsolescence handling by unifying the load management solution for all A/C
- Is available as a standalone solution for any OS platform
- Can be integrated with the OptaMission module – for interaction with workflows and data sets relevant to flight planning – and the OptaLog module – for alignment with the A/C configuration

Key Facts

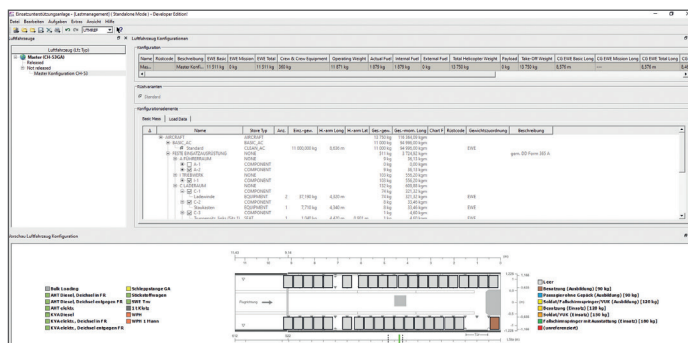
- Cross-service capability: support for multiple A/C, fixed and rotary wing
- Certified in acc. with RTCA-DO278A
- Upload of weight & balance data for onboard systems
- Lashing calculation

Capabilities

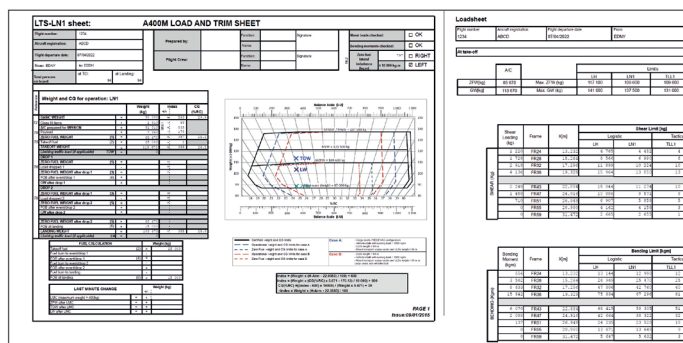
- Creation, modification and storage of A/C configurations via intuitive drag-and-drop interface for cargo, passengers and overall payload
- Calculation of total weight, centre of gravity, drag index, shear and bending values and range
- Generation of load and trim sheets and further documentation relevant to the flight manual (Form-F)

Visualisation of changes in weight and balance data

- Automatic data transfer of the B-Form to relevant systems



WBM – CH-53GA load planning



A400M load and trim sheet

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