



Havatech Load Control System

a comprehensive weight and balance system for airlines, airports and ground handlers

Havatech Weight and Balance plays an important role in aircraft ground handling and increases overall flight operations efficiency by providing fuel savings.

This solution has been designed to load the aircraft more efficient and simplified operators calculations.

Havatech weight and balance can easily integrate into airline's existing departure control systems.

As a solution, it is a powerful and simple to use system for airline's load controllers.

It allows you to define multiple aircraft, with quick selection of the aircraft for the current flight.

With Havatech Weight and Balance optimization of load allocation with a considerable reduction of fuel cost is possible. Also, this module automates most of the load controllers decisions.

Load controllers can safely handle many flights at the same time.



Graphical User Interface with drag & drop functionality let load controller fast and easily do load sheet and trim sheet.

Your load controllers no longer waste time switching between different systems and writing manual load sheet and can use tablets to access data through dedicated application and they can send information directly.

Our Weight and Balance application is Available for both Android and iPhone.

Havatech W&B features:

- Calculating Real-time Weight , Index & MAC of ZFW, LAW & TOW
- Generating an out of range alarm for MAC Points
- Ideal trim line for minimum fuel usage
- Showing Real-time Underload Value
- Weight Limitation are automatically checked

Estimated Actual

DOW Fuel Weight Limitation Cabin Compartment Finalize

FWD HOLD

CPT 1 (MAX:703)		CPT 2 (MAX:869)	
AWL: 0/0	EWL: 0/0	AWL: 0/0	EWL: 0/0
1A	1B		

AFT HOLD

CPT 3 (MAX:1756)		CPT 4 (MAX:416)	
AWL: 0/0	EWL: 0/0	AWL: 0/0	EWL: 0/0

BULK HOLD (Max:)

CPT 5 (MAX:716)	
AWL: 0/0	EWL: 0/0

Dest	Position	Weight		Type	Special	Index
		Estimated	Actual			
JFK	1	FWD	703	Not Selct	Not Selct	
	2	FWD	869	Not Selct		
		AFT	1756			

Underload : 27725
 TOW : 32820
 OW : 32820
 DOW : 32820
 BW : 32024

- Database section for airline basic and aircraft basic (AHM560 & AHM565) information
- The system can take into account passengers balance influence per row, cabin area & class
- Supporting standard & non-standard fuel
- Weight and Balance seat block, Check-in seat block, Temporary seat block
- Generating post departure Messages LDM, CPM, ..., LIR&NOTOC
- Generating IATA format of the loadsheet.

13 5734 | 05 Sep - We | LAX → LHR | A320 - N499AA | Weight Unit: Kg ETD: 07:30 | BTD: 07:00 | Checkin Status: Finalized | Load Status: Finalized

Estimated Actual

DOW Fuel Weight Limitation Cabin Compartment Finalize

Cockpit Crew: 2
 Cabin Crew: 5
 FSG: 2 A(1 - 10) FSG As Checked
 Pantry: 0
 Adjustment: Weight Index

DOW: 35406
 DOI: 115-168

Calculate DOW and DOI

Actual: Load control status is "Finalized" (14:34)

Graph: Weight (kg) vs Index. Components: ZFW, DOW, LSW, Ideal Trim, History.