



C-130

LOAD PLANNING SYSTEM COURSE

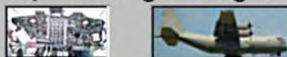
The C-130 Load Planning System course is designed to help loadmasters and load planners to create the optimum configuration for their aircraft during all missions, be it peacetime or hostility.

HCU-6/E Pallet Number	Position Select	FS	Pounds	Moment
Pallet #1	<input checked="" type="checkbox"/>	603	5500	K 3316
Pallet #2	<input checked="" type="checkbox"/>	693	4980	K 3451
Pallet #3	<input type="checkbox"/>	0	0	0
Pallet #4	<input type="checkbox"/>	0	0	0
Pallet #5	<input type="checkbox"/>	0	0	0
Pallet #6	<input type="checkbox"/>	0	0	0

Mission
 Flight: S11 Date: Wednesday 2/4/2014
 From: PLAB To: PNG
 Pilot: LEE Loadmaster: CHIA

Aircraft: 841		Load Sheet		
	Weight	Arm	Moment	
Operating Weight	79,227	521	41,262	
Takeoff Fuel	35,000	550	19,268	
Total Aircraft Weight	114,227	530	60,531	
14 Pax @ 160 lbs.	2,240	306	687	
2 Pallets	10,480	646	6,767	
1 Equipment	6,000	384	2,304	
Total Cargo	18,720	521	9,758	
Takeoff Condition	132,947	529	70,290	
Takeoff CG in % MAC	21	25.11 %	30	
Landing Fuel	10,000	551	5,514	
Landing Condition	107,947	524	56,535	
Landing CG in % MAC	17	22.09 %	29	

Operating Weight

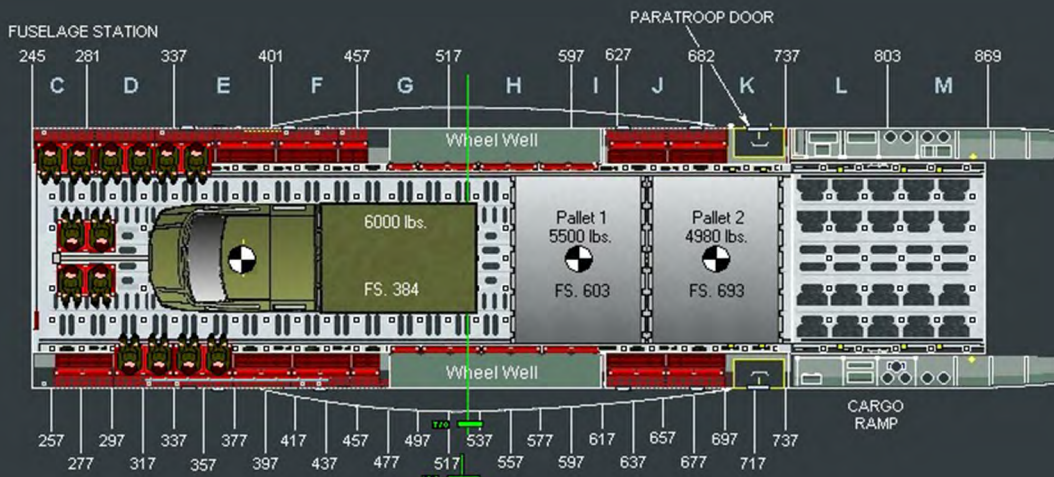


Operating Weight

Fuel

Takeoff Fuel Weight: 35,000 lbs. Landing Fuel Weight: 10,000 lbs.

Equipment	Position Select	FS	Pounds	Moment
VW Double Cab <		384	6000	K 2304
Europallet -- Custom Cargo		0	0	0
VW Double Cab <		0	0	0
VW Double Cab >		0	0	0
VW Golf <		0	0	0
VW Golf >		0	0	0
VW Transporter <		0	0	0
VW Transporter >		0	0	0



SYNOPSIS

During this course, the loadmaster will be brought through on theory and concept of Aircraft Weight and Balance initially before embarking on using the tool.

The tool is a Windows-based PC program that is user-friendly and time-saving that enables the loadmasters and mission planners to work effectively and efficiently when doing load planning for the versatile C-130 aircraft.

The user interface is easy-to-use, easy-to-navigate and highly intuitive that allows users to drag and drop items from an inventory into a graphical representation of the load plan. Minimal training is required to know how to use this tool.

This system also allows the loadmasters to plan customised cargo of any sizes and/ or vehicles to be loaded in the aircraft cargo compartment. Other features are also embedded in the system i.e. "work instructions" for troop seat installation (litter stanchions and seat back support beams arrangements), conversion program (from metric to imperial measuring units and vice versa), cargo-fuel limitation chart and warning signs when limits are exceeded.

TARGET GROUP REQUISITES

This course is aimed at C-130 Loadmaster

DURATION

2 days (8 hours per day)



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