McDonnell Douglas DC10-30F

MAIN DIMENSIONS

Length (aircraft)	181 ft 7" / 55.35 m
Wingspan (aircraft)	165 ft 4" / 50.39 m
Height (aircraft)	58 ft 7" / 17.86 m
Door Limit Height	2.56 m
Fuselage diameter	237" /6.03 m
Volume main deck	13116 ft³ / 371 m³
Volume underfloor	3980 ft³ / 112.8 m³
Volume loose belly	510 ft³ / 14.4 m³
Total load volume	17606 ft³ / 498 m³
(=maximised)	

DOOR SIZES & SILL HEIGHTS

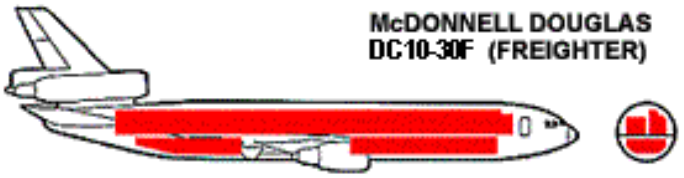
Main cargo door	140" x 102" / 3.56m x 2.59m
Fwd underfloor	66" x 104" / 1.68m x 2.64m
Rear underfloor	66" x 70" / 1.68m x 1.78m
Rear loose bellly	30" x 48" / 0.76m x 1.22m
Main cargo door sill	196" / 4.98 m (Max)
Underfloor sill fwd	119" / 3.02 m (Max)
Undefloor sill rear	115" / 2.92 m (Max)
Belly door loose aft	120" / 3.05 m (Max)

OTHER DATA

Max Payload	165.000lb / 74.843kg
Max Cruise Speed	530kts / 964 kmph
Range at max payload	3.500 nm
MTOW	572.000lb / 259459kg
MLDGW	421.000lb / 190.964kg
MZFW	401.000lb / 181.892kg
Operating weight empty	236.000lb / 107.049kg

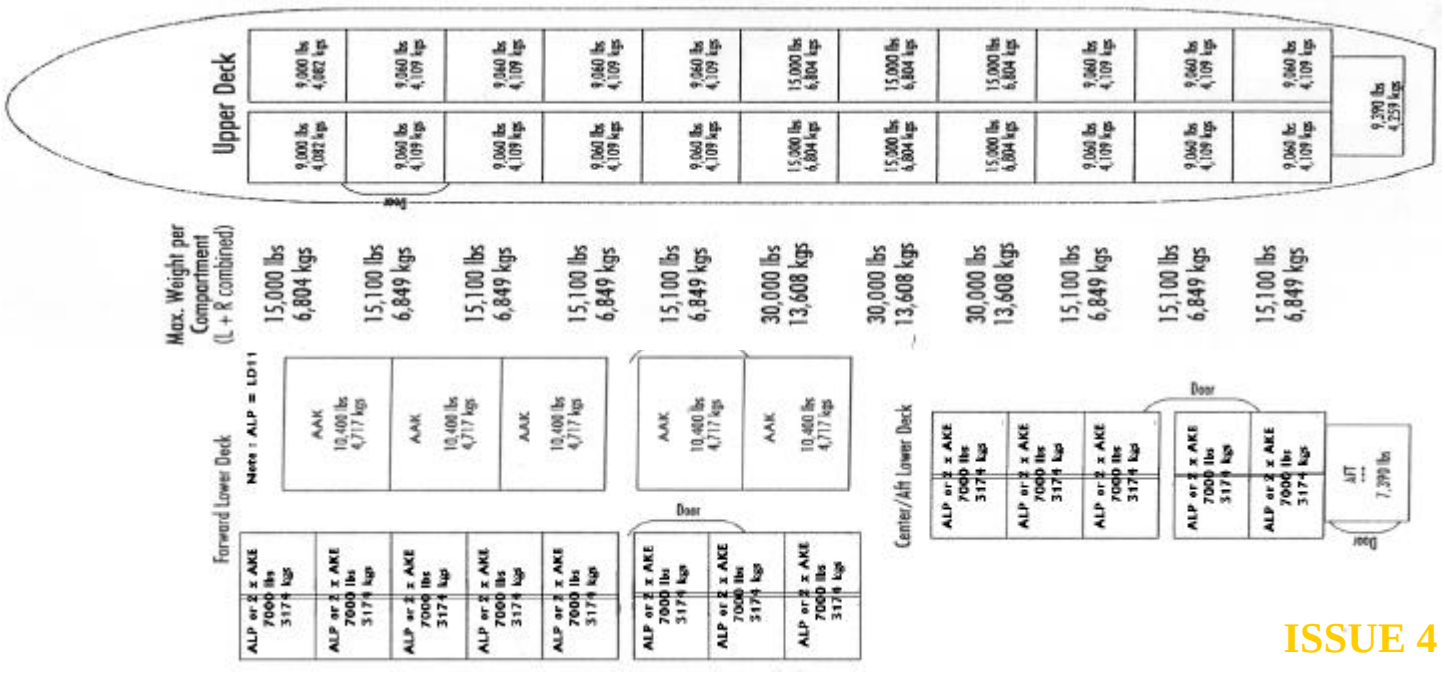
LOAD VOLUMES

Main Deck	23 AAC	- 88"x125"x82"@ 11.8m³	= 271.4 m³
Lower Deck			
Fwd	8 LD11/ALP	- 125"x60.4"x62" @ 7.2m³	= 57.6 m³
OR	5 AAK	- 88"x125"x64" @ 9.6m³	= 48 m³
OR	16 AKE	- 61.5"x60.4"x64" @ 4.3 m³	= 68.8 m³
Center	5 LD11/ALP	- 125"x60.4"x62" @ 7.2m³	= 36m³
Aft (Bulk)			= 14.4 m³



PALLETISATION ARRANGEMENT (Standard loading)

Upper deck loading	**(Double row)**	23 ULD's - 125"x88"x82"	OR	21 ULD's - 125"x96" + 2 ULD's - 125" x 88"	
Lower deck	**Forward (ALP)**	8 ULD's - 125"x60.4"x62"	OR	5 ULD's - 125"x88"x64"	----> AAK
			OR	16 ULD's - 61.5"x60.4"x64	----> AKE-LD3
			OR	3 AAK + 3 ALP / 6 AKE	----> AAK-AKE-ALP
			OR	5 ALP / 10AKE + 2 AAK	----> ALP-AKE-AAK
	Center (ALP)	5 ULD's - 125"x60.4"x62"	OR	10 ULD's - 61.5"x60.4"x64"	----> AKE
	Aft (Bulk)	Lose load 14.4 m³			



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