



Millennium Air Ship, Inc.

Draft Specifications, SF-50/70 and SF-500

Air platform characteristics			
Characteristic	Description	70T	500T
Payload	50/70 ton		500 ton
Passenger load	400		2,200
Crew size	2		2
Cargo box size	140' x 20'w x 10'h		290' x 48'w x 20'h
Floor strength			
Range (unrefueled)	2,000/1,300 nm		5,000 nm
Range-payload curve			
Range-speed-payload curve			
Combat radius			
Max Speed	70 kt		80 kt
Cruise Speed	60 kt		70 kt
Length	400'		790'
Wingspan	160'		420'
Maximum take-off weight	245,000 lb		2,240,000 lb
Minimum take-off runway length	500' VTOL, 1000' CTOL *		1200' VTOL, 2000' CTOL *
Minimum landing runway length	1000' *		1500' *
Minimum runway width	200' *		500' *
CBR	0		0
Load time	<1 hr		<1 hr
Off-load time	<1 hr		<1 hr
Operating altitude	5000'		5000'
Max altitude	10000'		10000'
Utilization rate			
Fuel burn rate (lbs/hr)	1400 lb/hr		4800 lb/hr
Air refuelable (yes/no)	No		No
Fuel type	Jet A		Jet A
Ballast type	Water		Water
Air/sea interface			
MHE / ground handling			
	<i>*Open field</i>		

Proprietary Information
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