

Unit: inch

Table 2

Category	Long Range 3 Class	Medium Range 2 Class	Short/Medium 2 Class
PASS MIX %			
1st Class	5	8	9.5
Business	19 (18-20)	X	X
LAVS			
1st Class	15/LAV (2 MIN)	20/LAV (2 MIN)	ONE REQ'D
Business	35/LAV (2 MIN)	X	X
Economy	50/LAV	50/LAV	50/LAV
Standard Lav Size	38" x 40"		
Galley—Carts / Pass			
1st Class	0.40 CART/PASS	0.30 CART/PASS	0.30 CART/PASS
Business	0.20 CART/PASS	X	X
Economy	0.095 CART/PASS	0.08 CART/PASS	0.075 CART/PASS
Cart Size	12 IN x 34 IN	12 IN x 34 IN	12 IN x 34 IN
Galley Size			
Height	Up to ceiling or as required		
Width	As required, 15" per cart including wall thickness		
Depth	38	38	36
Seat Pitch			
1st Class	60 IN MIN	40 IN MIN	38 IN MIN
Business	38 IN MIN	X	X
Economy	32 IN MIN	32 IN MIN	32 IN MIN
Depth/Recline			
1st Class	28 IN / 43 IN	28 IN / 36 IN	28 IN / 36 IN
Business	25 IN / 36 IN	X	X
Economy	25 IN / 32 IN	25 IN / 32 IN	25 IN / 32 IN
Bulkhead to Seat Nose			
1st Class	24	24	22
Business	20	X	X
Economy	18	18	20
Aisle Width			
1st Class	25 IN MIN	20 IN ASSUMED	20 IN ASSUMED
Business	20 IN MIN	X	X
Economy	18 IN MIN	18 IN ASSUMED	18 IN ASSUMED
Coat Room			
1st Class	2 IN/PASS	1.5 IN/PASS	1.5 IN/PASS
Business	1 IN/PASS	X	X
Economy	0 IN/PASS	0 IN/PASS	0 IN/PASS

PAX	210	<= input
#s of Aisle	1	
Seat Abreast	6	

Unit change from inch to feet

	1st Class	Economy
PAX	18	192
#s of rows	3	32
#s of LAV (restroom)	1	4
#s of Galley	6	16
Coat room	27	0

	1st Class	Economy
PAX	18	192
#s of rows	3	32
#s of LAV (restroom)	1	4
#s of Galley	6	16
Coat room	2.25	0

Seat Pitch	40	32
Aisle Width	20	18
Seat width	20	18
Seat length	28	25

Seat Pitch	3.333333333	2.666666667
Aisle Width	1.666666667	1.5
Seat width	1.666666667	1.5
Seat length	2.333333333	2.083333333

Armrest	2	no shared for 1st class
LAV length	38	
LAV width	40	
Galley length	15	
Galley width	38	
#s of EM Exit Type A	4	2 on each side
EM Exit Type A Length	42	
EM Exist Distance	720	

Armrest	0.1666666667	
LAV length	3.166666667	
LAV width	3.333333333	
Galley length	1.25	
Galley width	3.166666667	
#s of EM Exit Type A	4	2 on each side
EM Exit Type A Length	3.5	
EM Exit Distance	60	

TABLE 2 A

EMERGENCY EXIT DOOR DATA

	door type	minimum size	maximum evacuation capacity	crew assist	corner radii
entry door	X	60w x 76h	?	2	≤1/6w
entry door	A	42w x 72h	110	2	≤1/6w
entry door	B	32w x 72h	75	2	≤6inches
	C	30w x 48h	55	1	≤1/3w
	I	24w x 48h	45	1	≤1/3w
	II	20w x 44h	40	1	≤1/3w
	III	36w x 20h	35	1	≤1/3w
	IV	26w x 19h	9	1	≤1/3w
overhead hatch	comm.	36 x 20	-	-	≤1/3w
overhead hatch	military	24 x24	-	-	6 inches

ref. FAR PART 25 and Federal Register 14 CFR PART 25, 22 Feb 90, PART III, DOT.
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NOTES: 1 Maximum distance between door jambs is 60 feet.
2 All side exits are located at floor level except the over wing exits