Airport Compatibility Brochure
737 MAX 10

Specific airport compatibility questions concerning Boeing commercial aircraft should be forwarded to:

Airport Compatibility Engineering
Voice: 1-562-797-1515
E-mail: AirportCompatibility@boeing.com

January 2019

Introduction

This brochure contains the preliminary data for 737 MAX 10 that have an impact on airport compatibility. The information is preliminary and subject to change during airplane development and testing. It is intended solely for airport planning purposes.

The anticipated entry-into-service date is as follows:

- 737 MAX 10 – July 2020

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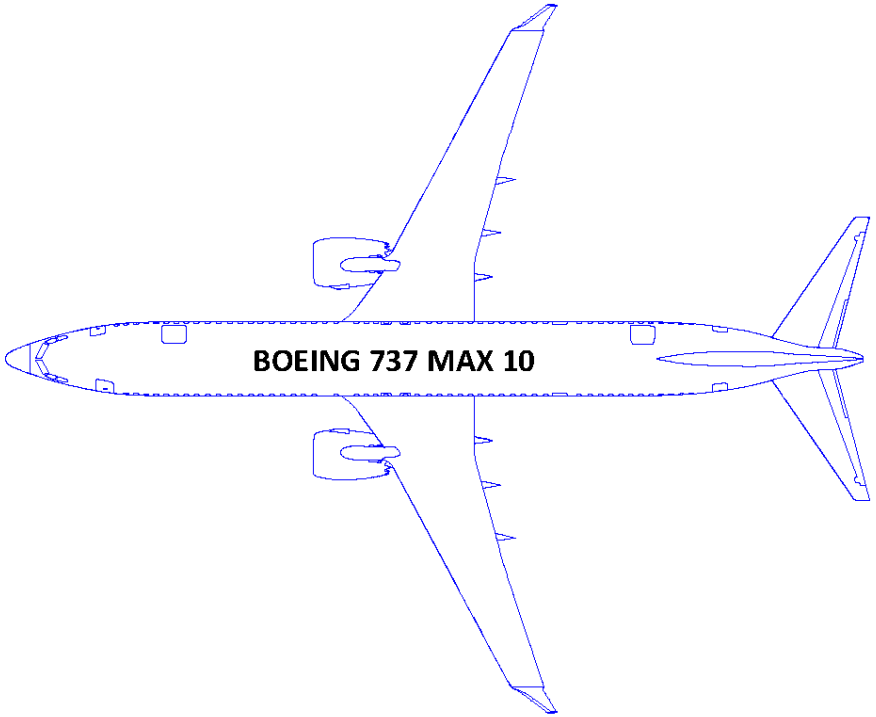
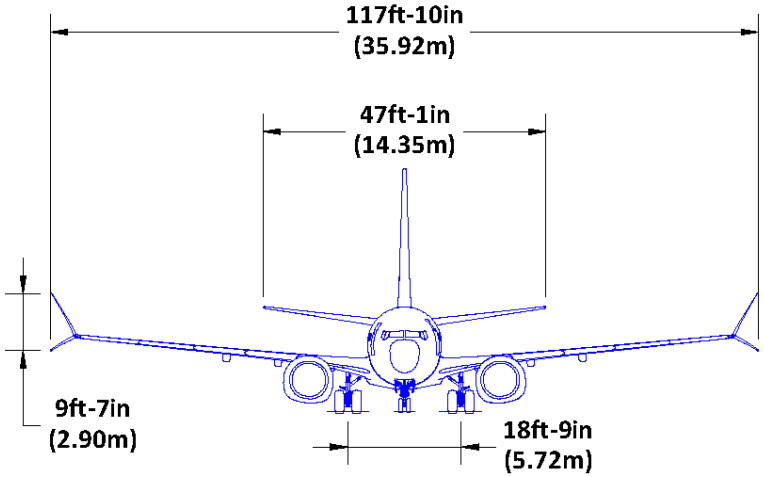
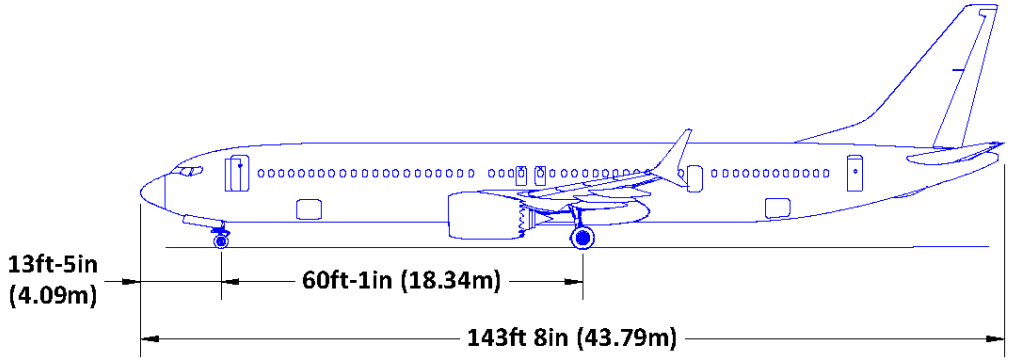
737 MAX 10 General Arrangement

- Static ground line condition, all gears approximately 80% compressed







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Weight Comparisons with 737-9/900ER

Characteristics	Unit	737 MAX 9	737-900ER with Winglet	737 MAX 10
Max Design Taxi Weight	lb	195,200	188,200	198,400
	kg	88,541	85,366	89,992
Max Design Takeoff Weight	lb	194,700	187,700	197,900
	kg	88,314	85,139	89,765
Max Design Landing Weight	lb	163,900	157,300	167,400
	kg	74,343	71,350	75,931
Max Design Zero Fuel Weight	lb	156,500	149,300	160,000
	kg	70,987	67,721	72,574
Max Usable Fuel	US gallon	6,820	6,875	6,820
	liter	25,817	26,024	25,817

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Size Comparisons with 737-9/900ER

	737 MAX 9	737-900ER with Winglet	737 MAX 10
Wing Span (ft-in / m)	117-10 / 35.92	117-5 / 35.79	117-10 / 35.92
ICAO Code Letter	C	C	C
FAA Design Group	III	III	III
Overall Length (ft-in /m)	138-2 / 42.11	138-2 / 42.11	143-8 / 43.8
RFF Category (ICAO)	7	7	7
ARFF Index (FAA)	C	C	C

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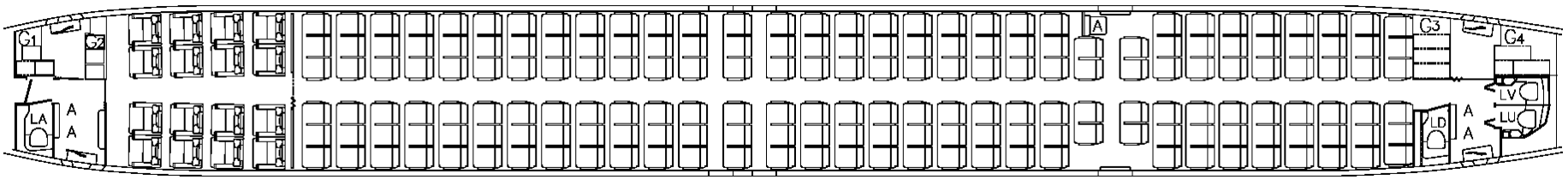
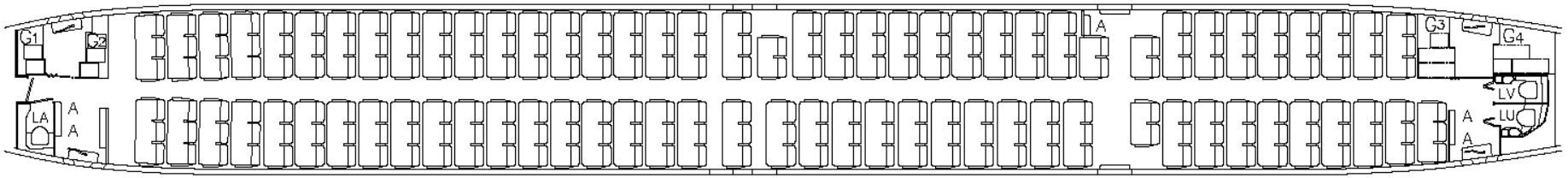
737 MAX 10 Interior Arrangement (typical)



Mixed Class –204 Passengers

16 Business Class – 36 in. Pitch

188 Economy Class – 30 in. Pitch



Max Seating - Single Class - 230 Passengers

28 in. Pitch

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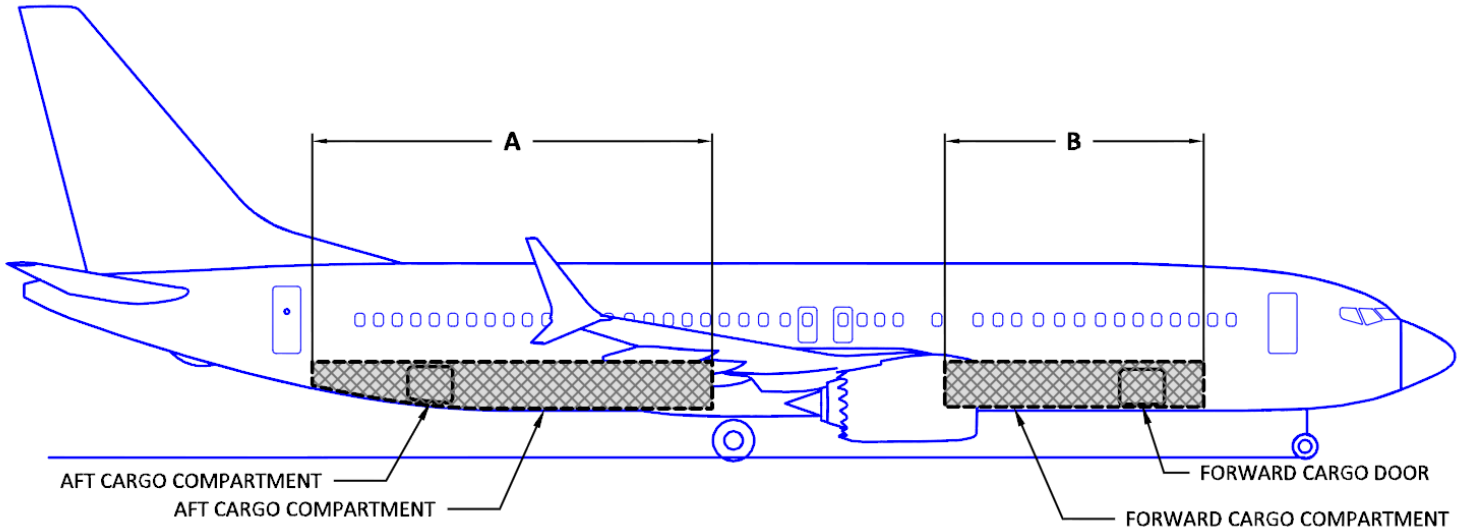
737 MAX 10 Cargo Compartments



Airplane	Dimension A (ft-in / m)	Dimension B (ft-in / m)
737 MAX 10	41-5 / 12.6	32-4 / 9.9

Airplane	AFT Cargo Compartment Capacity (cu. ft. / cu. m)	FWD Cargo Compartment Capacity (cu. ft. / cu. m)	Total Cargo Capacity (cu. ft. / cu. m)
737 MAX 10	1,050 / 29.7	911 / 25.8	1,961 / 55.5

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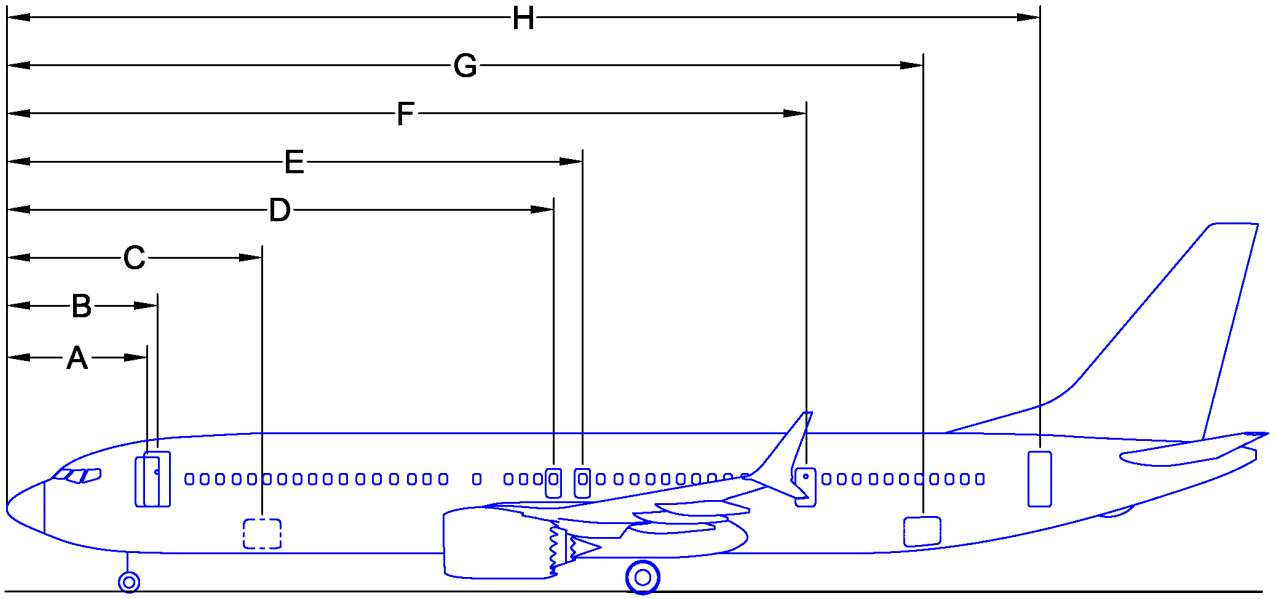
737 MAX 10 Door Locations



	Door Name	Door Location	737 MAX 10 (ft-in / m)
A	Fwd Service Door	Right	15-4 / 4.67
B	Fwd Main Entry Door	Left	16-6 / 5.02
C	Fwd Cargo Door	Right	28-0 / 8.54
D	Emergency Exit Door	Left and Right	63-4 / 19.30
E	Emergency Exit Door	Left and Right	66-6 / 20.27
F	Emergency Exit Door	Left and Right	92-1 / 28.07
G	Aft Cargo Door	Right	105-11 / 32.28
H	Aft Entry / Service Door	Left and Right	118-9 / 36.20

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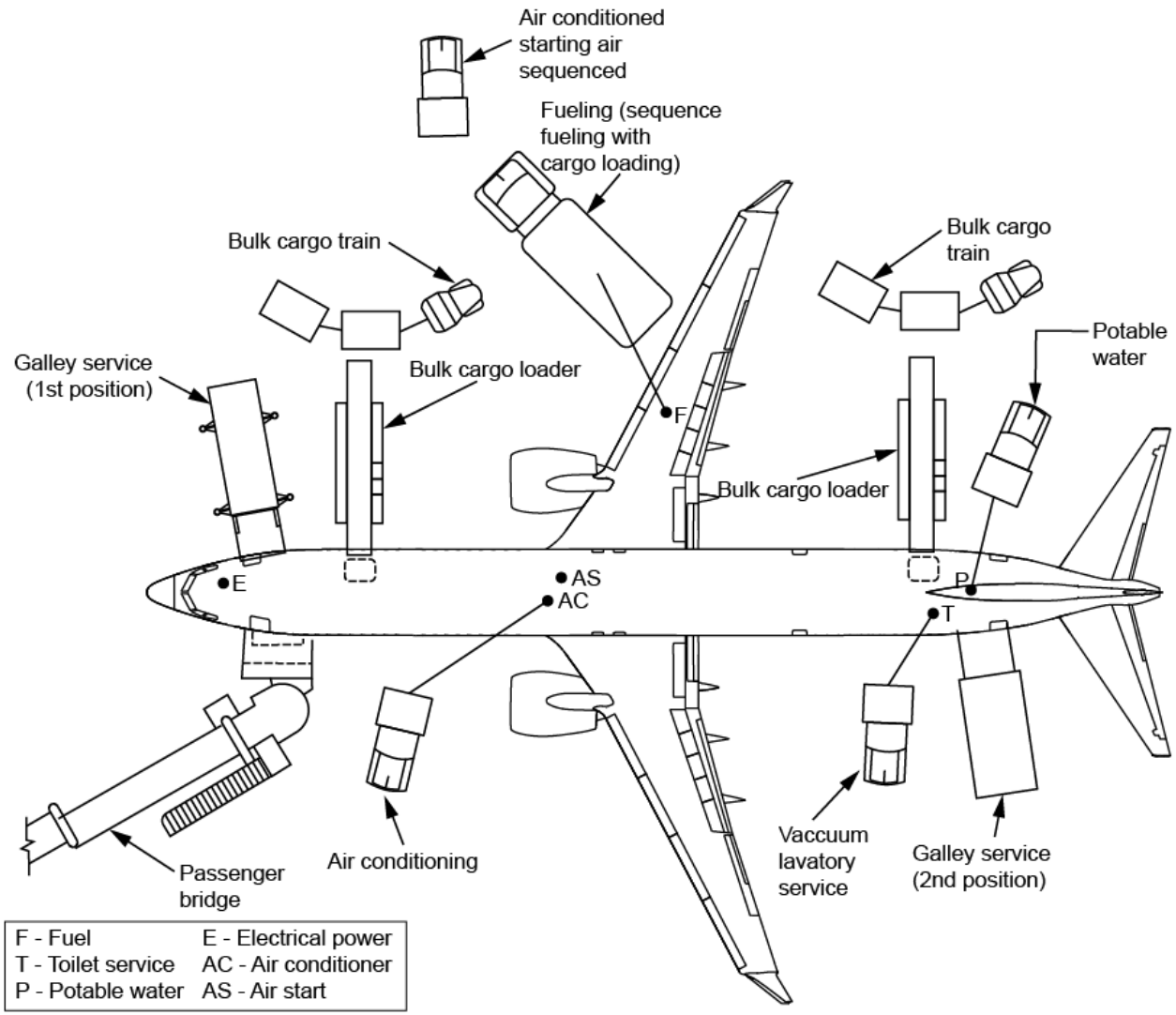
737 MAX 10 Ground Servicing



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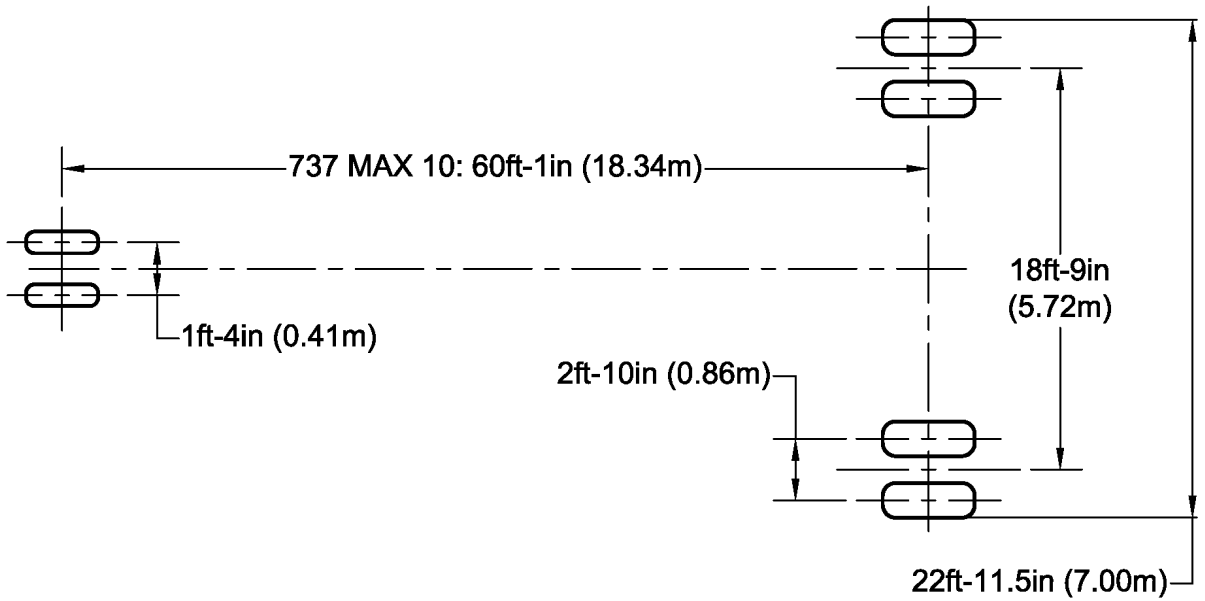
737 MAX 10 Landing Gear Footprint



	Unit	737 MAX 10
Maximum Design Taxi Weight	lb	198,400
	Kg	89,992
Nose Gear Tire Size	In	27x7.75R15, 12PR
Nose Gear Tire Pressure	psi	175
	MPa	1.21
Main Gear Tire Size	In	H44.5X16.5R21, 32PR
Main Gear Tire Pressure	psi	235
	MPa	1.62

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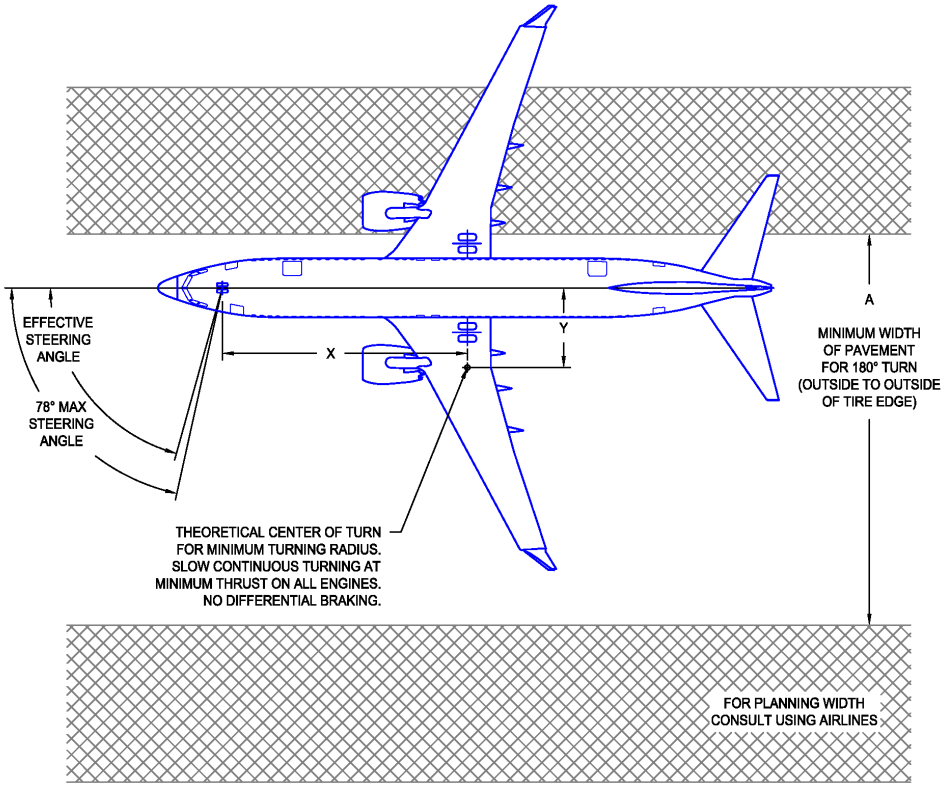
737 MAX 10 Min. U-Turn Pavement Width Requirements



Airplane	Effective Turning Angle (Deg)	X		Y		A	
		ft	m	ft	m	ft	m
737 MAX 10	73	61	18.6	19	5.8	94	28.7
	75	61	18.6	17	5.2	91	27.7

Notes:
1. Approximate 5° maximum tire slip for 78° steering angle. 3° tire slip dimensions are for comparison purposes.
2. Consult with airline for actual operating data.
3. Dimensions are rounded up to the next higher integer in feet, then converted and rounded to 0.1 meter

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737 MAX 10 Aircraft Classification Number (ACN)

Airplane	Maximum Taxiway Weight Maximum Zero Fuel Weight (lb/kg)	Load on One Main Landing Gear Leg (%)	Tire Pressure (psi / MPa)	ACN for Rigid Pavement on Subgrade Strength Category (K, MN/m³)				ACN for Flexible Pavement on Subgrade Strength Category (CBR)			
				A High (150)	B Medium (80)	C Low (40)	D Ultra Low (20)	A High (15)	B Medium (10)	C Low (6)	D Ultra Low (3)
737 MAX 10	198,400 / 89,992	47.22	235 / 1.62	60	63	65	67	51	54	60	64
	160,000 / 72,574			47	49	51	52	40	42	46	51

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