

## A318 Elite specifications

<b>CHARACTERISTICS</b>	Seating	4+18/120
	Wing loading	110.4
	Power loading	0.32
	Noise (EPNdB): To/Sideline/Apr	82.2/92.0/93.9
<b>DIMENSIONS</b>	<b>External -</b> Length	103.2
	Height	42.1
	Span	111.8
	<b>Internal -</b> Length (O/A Net)	70.2/70.2
	Height	7.4
	Width: Max /floor	12.2/11.6
<b>BAGAGGE</b>	<b>Internal -</b> Cu. ft / lb	330/NA
	<b>External -</b> Cu. ft / lb	680/NA
<b>POWER</b>	Engines	2 CFMI
		CFM56-5B9-P
	Output(lb. ea)/Flat rating	23,300/ISA +15°C
	Inspection interval	OC
<b>WEIGHTS (lb)</b>	Max Ramp	146,390
	Max Takeoff	145,505
	Max Landing	126,765
	Zero fuel	120,150
	BOW/OWE	93,720
	Max payload	26,430
	Useful load	51,785
	Executive payload	3,600
	Max Fuel	45,761
	Available payload with Max fuel	6,909
	Available fuel with Max payload	26,240
	Available fuel with exec payload	49,070
<b>LIMITS</b>	Mmo	0.820
	Trans Alt FL/Vmo	26,400ft/0.82M/350Kts
	PSI	8.3
<b>AIRPORT</b>	TOFL (SL elev., ISA temp)	5,430
	TOFL (5,000 ft elev. @ 25°C)	7,020
	Hot / high Weight limit	145,505

	NBAA IFR Range	4,080
	V2 @SL ISA, MTOW	132
	Vref w 4 pax, NBAA IFR Res	104
	Landing distance w/4 pax, NBAA IFR Res	2170 ft
<b>CLIMB</b>	Time to climb / Altitude	24/FL 370
	FAR 25 Engine out rate (fpm)	NA
	FAR 25 Engine out gradient (ft/nm)	NA
<b>CEILINGS (ft)</b>	Certificated	39,800
	All-engine service	NA
	Engine out service	NA
	Sea level cabin	22,000
<b>CRUISE</b>	<b>LRC -</b> TAS	447
	Fuel flow	4,275
	Altitude	FL 390
	Specific range	0.105
	<b>HSC -</b> TAS	469
	Fuel flow	4,970
	Altitude	FL 390
	Specific range	0.094
<b>NBAA IFR</b>	<b>Max payload -</b> Nautical miles	1,760
<b>RANGES</b>	<b>with avail fuel -</b> Average speed	423
<b>(200 NM ALTERNATE)</b>	Trip fuel	19,710
	Specific range / Altitude	0.084/FL 370
	<b>Max Fuel -</b> Nautical miles	3,980
	<b>with avail payload -</b> Average speed	430
	Trip fuel	40,540
	Specific range / Altitude	0.094/FL 370
	<b>Four pax -</b> Nautical miles	4,080
	<b>with avail fuel -</b> Average speed	424
	Trip fuel	40,710
	Specific range / Altitude	0.098/FL 370
	<b>Ferry -</b> Nautical miles	4,100
	Average speed	430
	Trip fuel	40,740
	Specific range / Altitude	0.099/FL 370
<b>NBAA IFR</b>	<b>300 nm -</b> Runway	3,660
<b>MISSIONS</b>	Flight time	0 + 52

<b>(8 PAX)</b>	Fuel used	4,040
	Specific range / Altitude	0.074/FL 370
	<b>600 nm -</b> Runway	3,720
	Flight time	1 + 36
	Fuel used	6,760
	Specific range / Altitude	0.089/FL 370
	<b>1,000 nm -</b> Runway	3,750
	Flight time	2 + 33
	Fuel used	10,450
	Specific range / Altitude	0.096/FL 370
<b>REMARKS</b>	<b>Certification Basis</b>	FAR 25 2003
		Also available with
		PW6124 engines
		Includes optl 3,540lb
		capacity ACT