

# The Line in the Sand



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Airplane  
design

[DART\\_750\\_promo](#)

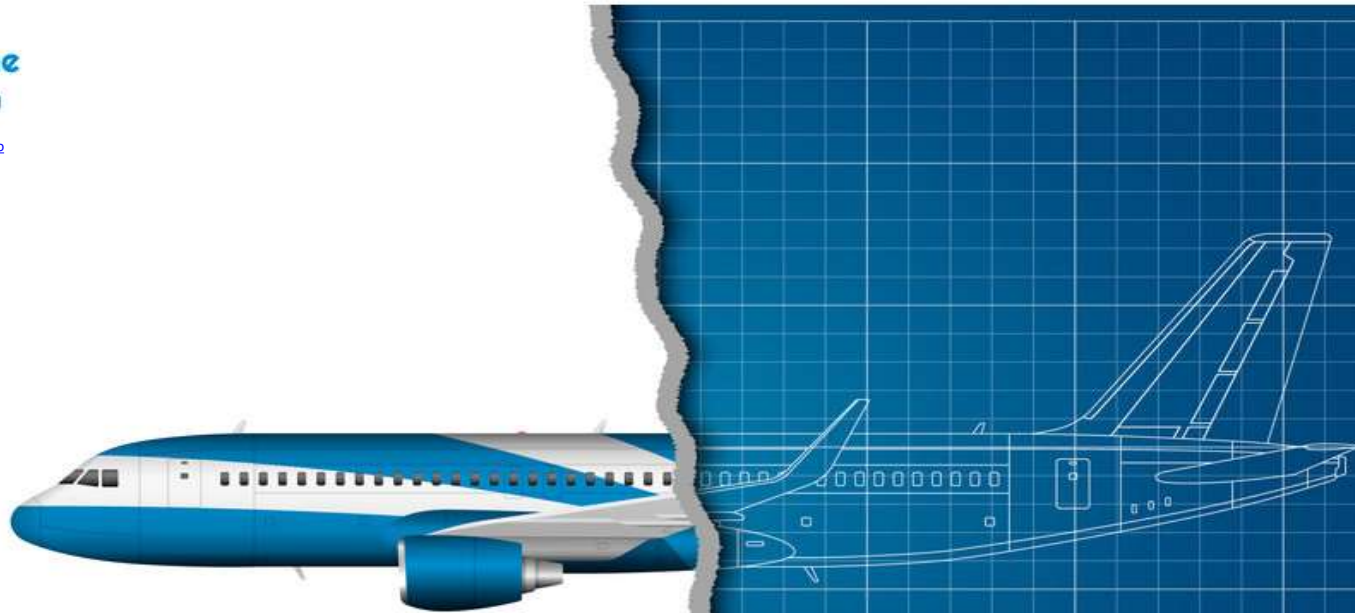


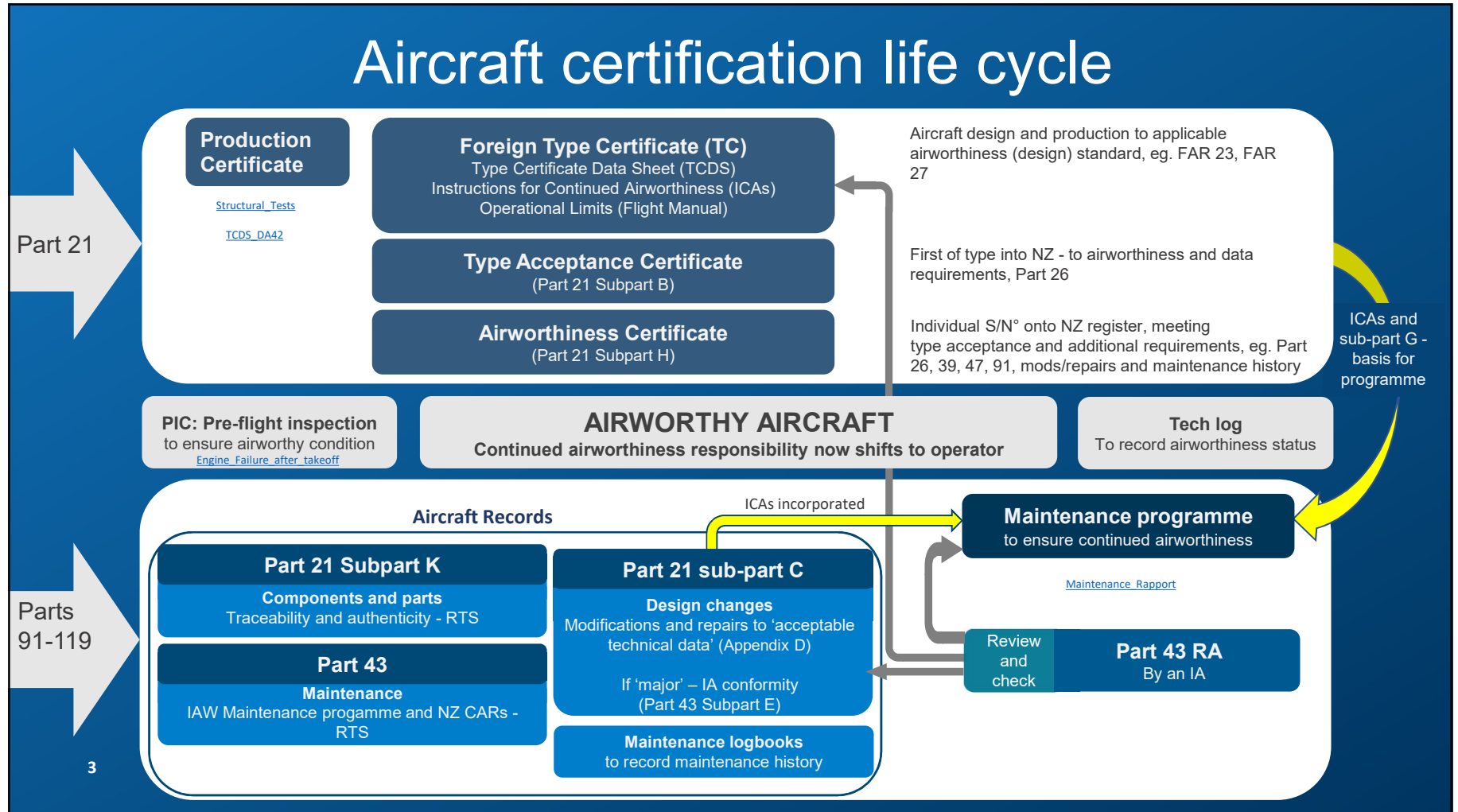
Table 1. Key Current Transport Aircraft

Aircraft	TGW (lb)	Empty Weight (lb)	Wingspan (ft)	No. of Pass.	Range (nm)	Cruise Mach	Takeoff Distance (ft)	Landing Distance (ft)
<b>Narrow Body</b>								
A320-200	169,800	92,000	111.8	150	3,500	0.78	5,900	4,800
E175-200	121,000	68,500	79.8	106	2,711	0.76	5,700	3,900
B737-MAX8	163,500	81,000	112.6	170	5,511	0.782	5,900	4,400
B737-MAX8	200,000	110,000	112.6	240	5,000	0.80	8,000	5,700
<b>Wide Body</b>								
A330-300	511,000	274,000	197.8	440	6,750	0.82	8,700	5,811
A340-300	811,300	376,800	208.2	375	9,960	0.83	10,450	6,604
A380-800	1,231,000	611,000	261.8	855	9,200	0.85	12,200	9,200
A787-9	875,000	398,000	211.4	416	8,366	0.85	9,900	7,100
B777-300ER	911,000	406,500	211.4	410	8,828	0.85	10,900	7,100
B767-300	345,000	196,000	186.1	218	5,450	0.80	7,500	5,200
B777-300	660,000	342,000	199.9	368	6,885	0.81	12,150	6,000
B777-300ER	750,000	372,800	212.6	360	8,200	0.84	10,700	6,500
<b>Regional Jet</b>								
CRJ-900 (ER)	51,000	30,500	69.7	50	1,805	0.74	5,800	4,800
CRJ-700 (ER)	39,000	23,500	56.3	70	2,280	0.78	5,500	4,800
ERJ-175 (ER)	41,800	25,400	65.8	87	1,530	0.76	5,027	4,563
ERJ-145 (ER)	34,415	26,270	65.8	50	1,220	0.76	5,029	4,495

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# Aircraft certification life cycle



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