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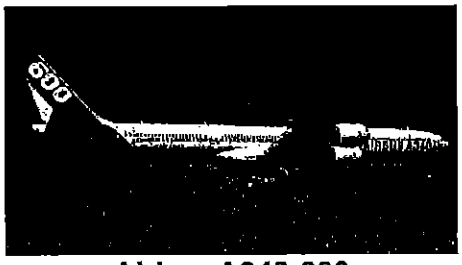


Airbus A340-600

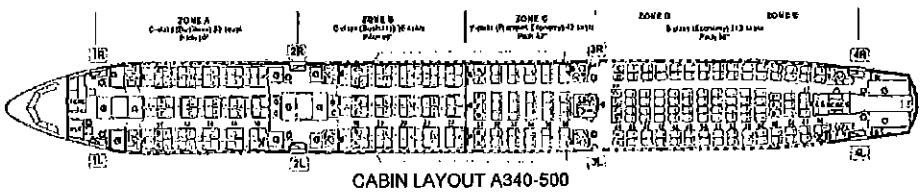
The concept of the A340 and A330 is a single basic airframe in versions with two or four engines to achieve the need for airlines. A340 offers the needed for long-range requirement. A340 are fitted with a fuselage mounted center main landing gear. The latest to the family are A340-500 and A340-600.

A340-500 is once the world's longest range airliner and will be in service in 2002 until B777-200LR come into service in 2006. A340-500 can carry 313 passengers(THAI Airways carry only 222 passengers) in a three-class cabin layout 8500 nautical miles range . A340-500 is a six-frame stretch over the A340-300.

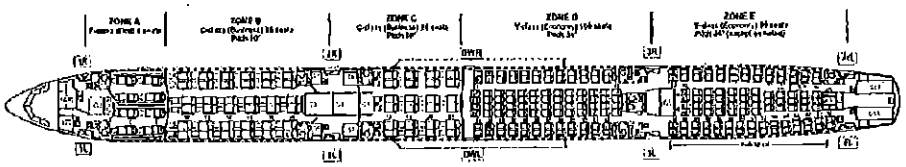
A340-600 is the highest capacity member of the Airbus family . The 380 seat , A340-600 is the largest aircraft from Airbus has made its first flight on monday 23 April 2001 and completed a successful mission which lasted 6 hr. and 22 min. The system introduced on this aircraft such as the latest generation LCD displays and taxi cameras. The A 340-600 was launched in December 1997 along with its sister aircraft A 340-500. A340-600 is planned entry to service in Jun 2002. For A340-500 will be in service later after A340-600.

SPECIFICATIONS A340-300/500/600

	A340-300	A340-500	A340-600
Typical passenger load	295	313	380
Cargo loading standard	5,751 cu.ft (162.8 cu.m)	5,435 cu.ft	7,331 cu.ft
Range	13,250 km.(7,150 nm.)	15,800 km.(8,500 nm.)	13,900 km.(7,500 nm.)
Number of engines	4	4	4
Engine types	CFM.Intl. CFM56-5C4	Rolls-Royce RR Trent 553	Rolls-Royce RR Trent 556
Engine Thrust	31,200 to 34,000 lbs	53,000 lbs.	56,000 lbs.
Overall Length	63.60 m.(208 ft 10 in)	67.90 m.(222 ft 8 in)	75.30 m.(246 ft 11 in)
wing span	60.3 m.(197 ft 10 in)	63.45 m.(208 ft 2 in)	63.45 m.(208 ft 2 in)
wing area	361.6 sqm.(3,892 sq.ft)	439.4 sqm.(4,729 sq.ft)	439.4 sqm. (4,729 sq.ft)
wing sweep	30 degrees	31.1 degrees	31.1 degrees
Max.operating speed	0.86 mach	0.86 mach	0.86 mach
Max.take off weight	271 tonnes(597.5 klb)	365 tonnes(804.7 klb)	365 tonnes(804.7 klb)
Max.landing weight	190 tonnes(418.9 klb)	236 tonnes(520.3 klb)	254 tonnes(560 klb)
Operating weight empty	129.3 tonnes(285.0 klb)	170.4 tonnes(375.7klb)	177 tonnes(390.3 klb)
payload	43.5 tonnes(95.9 klb)	43.3 tonnes(95.5 klb)	55.6 tonnes(122.6 klb)
Max.fuel capacity	141,500 litres(37,380 us.gal)	214,810 litres(56,750 us.gal)	194,880 litres(51,480 us.gal)



CABIN LAYOUT A340-500



CABIN LAYOUT A340-600