



BOEING MODEL 747 SUPERJET

The Boeing Model 747 is the largest airplane ever designed for commercial service. Each of the four wing-mounted Pratt & Whitney JT9D turbofan engines produces 43,500 pounds of thrust, speeding passengers and freight to their destinations at 600 miles an hour. The plane has a range of up to 6,000 miles and can operate from any airport which can accommodate present international-type jet transports.

The first 747 made its maiden flight in February 1969, with first deliveries in late 1969.

Operating economics of the superjet are even better than those of the Boeing 707-320B. The cabin measures 20 feet wide (seven feet wider than current Boeing jetliners), and 350 to 490 passengers can be accommodated. An upper deck lounge for first-class passengers is reached by a circular stairway.

In an all-cargo configuration the 747 will carry up to 26 cargo containers 10 feet long, 8 feet wide and 8 feet high, with additional stowage available in lower deck compartments. The 747's cargo capacity of 130 tons is more than twice that of today's jet freighters. In freighter configuration the airplane's nose will be hinged to open upward, permitting cargo to be loaded straight onto the main deck and through the length of the jetliner by means of floor-mounted rollers.

SPECIFICATIONS

Wing Span:	-- 195 feet, 8 inches (59,63 m)
Length Overall:	-- 231 feet, 4 inches (70,5 m)
Height:	-- 63 feet, 6 inches (19,35 m)
Maximum Gross Weight:	-- 710,000 pounds (322.054 kg)
Cruise Speed:	-- 600 miles an hour (960 km/h)
Maximum Range:	-- 6,000 miles (9600 km)
Average Passenger Capacity:	-- 360
Maximum Payload: (cargo version)	-- 130 tons (117.940 kg)
Fuel Capacity:	-- 47,200 U.S. gallons

Heavier versions of the aircraft, called the 747B, also are available. Their weights:

	<u>747</u>	<u>747B</u>	<u>747 Convertible</u>		<u>747 Freighter</u>
			<u>Passen.</u>	<u>Cargo</u>	
Max. takeoff weight: --	710,000	775,000	775,000	775,000	775,000
Max. landing weight: --	564,000	564,000	564,000	630,000	630,000
Operating empty weight: --	348,816	360,016	370,816	347,072 (pallets up, containers down)	327,303 (pallets up, containers down)
Max. freight payload --				247,767	262,697