

777 TOUR FUN FACTS & DATA		English Units	Metric Units
EVERETT SITE (Largest rain runoff pond holds 15 million gallons)		1,000 acres	405 hectares
FACTORY BUILDING (11 stories - 120 ft / 36 m tall) Volume:		472 million cu ft	13.37 million cu m
Area under one continuous roof (can hold 75 football games or 911 basketball games)		98.3 acres	40 hectares
Diagonal distance SW to NE (N to S is 1614 ft / 492 m : E to W 3500 ft / 1067 m)		0.7 miles	1.13 kilometers
Overhead crane network		31 miles	49.9 kilometers
Main hangar doors (each 777 factory bay is 350 ft / 107 m wide : 747/767 300 ft wide)		300' x 87'	91.4 mw x 26.5 mh
Height to cranes (26 cranes total plus over 100 forklifts)		9 stories	
Crane lift maximum (747/767 cranes carry 34 tons)		40 tons	36,287 kg
Rail cars to site from Mukilteo (3 mi) go up steepest active grade in US (5.6% grade) - 10 rail spurs on site/15 cars per day			
WING PRODUCTION (GEMCOR)			
GEMCOR machine weight (Manufactured by General Drivematic in Buffalo, NY)		50 tons	45,359 kg
Number of fasteners in one wing panel (2 panels per wing)		22,000	
Number of fasteners in one shipset of wings (1 machine to process 61 hrs or 2.5 days)		88,000	
Time to install one fastener by GEMCOR (10 seconds at max rate)		6 per minute	
FUEL CAPACITY & WEIGHT			
Wing fuel capacity (both wings)		31,000 gal	117,348 ltr
Total fuel capacity: 777-200IGW and 777-300 (Center fuel tank included)		44,700 gal	169,208 ltr
Fuel weight: 777-200		217,000 lbs	98,430 kg
Fuel weight: 777-200IGW and 777-300		312,900 lbs	141,929 kg
Center tank fuel volume (IGW and -300 models only)		13,700 gal	51,860 ltr
Center tank fuel weight (IGW and -300 models only)		95,900 lbs	43,500 kg
BODIES			
Fuselage skin average thickness		.08 -.09 inches	0.2 - 0.23 cm
Exterior fuselage diameter		20 ft - 4 in	6.20 m
Interior cross-section width		19 ft - 3 in	5.87 m
Cargo capacity: 777-200		5,656 cu ft	160.2 cu m
Cargo capacity: 777-300 (33 feet longer)		7,080 cu ft	200.5 cu m
FINAL ASSEMBLY (Length & Width)			
Length: 777-200 & 777-200IGW (747-400 length: 231 ft 10.25 in)		209 ft - 1 in	63.7 m
Length: 777-300 (33 ft longer than 777-200 & 10.5 ft longer than 747-400)		242 ft - 4 in	73.9 m
Wingspan as assembled on body - all models (747 wingspan is 211 ft - 5 in)		199 ft - 11 in	60.9 m
Wing body crane move to ACC 131 (heaviest move by crane)		53 tons	48,081 kg
Landing gear height		14 ft	4.27 m
Landing gear weight		5 tons	4,536 kg
Tail height: Top of tail to ground		60 ft - 9 in	18.44 m
Max takeoff weight (MTOW) 777-200 (center fuel tank dry)		545,000	247,210 kg
Max takeoff weight (MTOW) 777-200IGW		648,000 lbs	294,192 kg
Max takeoff weight (MTOW) 777-300		660,000 lbs	299,371 kg
Range 777-200 (City pairs: NY-SF, CHI-HONALULU, LON-NY, TOK-SF)		5,925 mi	9,535 km
Range 777-200IGW (~2,500 mi more: LON-LA, CHI-SEOUL, TOK-SYDNEY, LA-TOK)		8,225 mi	13,237 km
Range 777-300 (City pairs: TOK-SING, HONALULU-SEOUL, SF-TOK)		6,450 mi	10,380 km
ENGINES			
Pratt & Whitney PW4000 series: Thrust-92,183lb, Fan Diameter-112", Pressure ratio-39:1 Bypass ratio-6:1			
General Electric GE90 series: Thrust-World Record 110,300lb, Fan Diameter-123", Pressure ratio-40:1, Bypass ratio-9:1			
Rolls Royce Trent 800 series: Thrust-92,000lb, Fan Diameter-110", Pressure ratio-42:1, Bypass ratio-7:1 (7,500lb less than PW&GE)			
MISCELLANEOUS			
777-200 Airplanes sold = 376 777-300 Airplanes sold = 43 (as of 2/28/99)		419 sold to 27 customers	
777 Airplanes delivered (as of 2/28/99) w/ a cum. schedule reliability of 98.78%		250 delivered to 22 customers	
777 Tires in service changed		~every 300 landings	
Passenger capacity: 777-200 and 777-200IGW		305 - 440	
Passenger capacity: 777-300 (20% more than 777-200)		328 - 550	
Number of parts - unique engineered: 777-200 (Counting fasteners: over 3 million)		132,500	
	777-300	150,000	
We are rolling out 1 complete 777 ~every 7 M-days (3 per month). Field holds ~6-8 airplanes pre flight & delivery.			
Altitude Capability: 777-200 - 39,300 ft (11,979 m) / MGW - 36,600 ft (11,156 m) / 777-300 - 36,400 ft (11,095 m)			
Cruise Speed: 777-200 & 777-300 - Mach .84 or 541 knots (623 mph/1002 kph)			