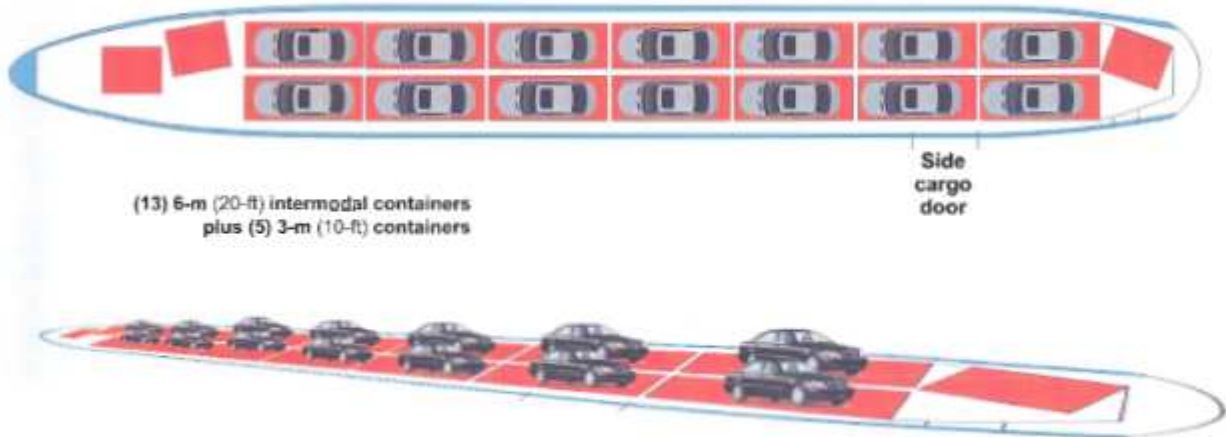


2009 747 CARGO EXTENDED RANGE - MODEL : B747-4HQERF



2009 747 CARGO EXTENDED RANGE - MODEL : B747-4HQERF

Boeing 747-400ERF Civilian Vehicle Transportation



- 747-400ERF can carry up to 14 Mercedes S500
- Lower cargo hold can hold additional capacity

Boeing 747-400ERF Civilian Vehicle Transportation



Loading of vintage cars for the Hong-Kong Imperial Rally on Board a 747-400ERF

2009 747 CARGO EXTENDED RANGE - MODEL : B747-4HQERF

Boeing 747-400ERF

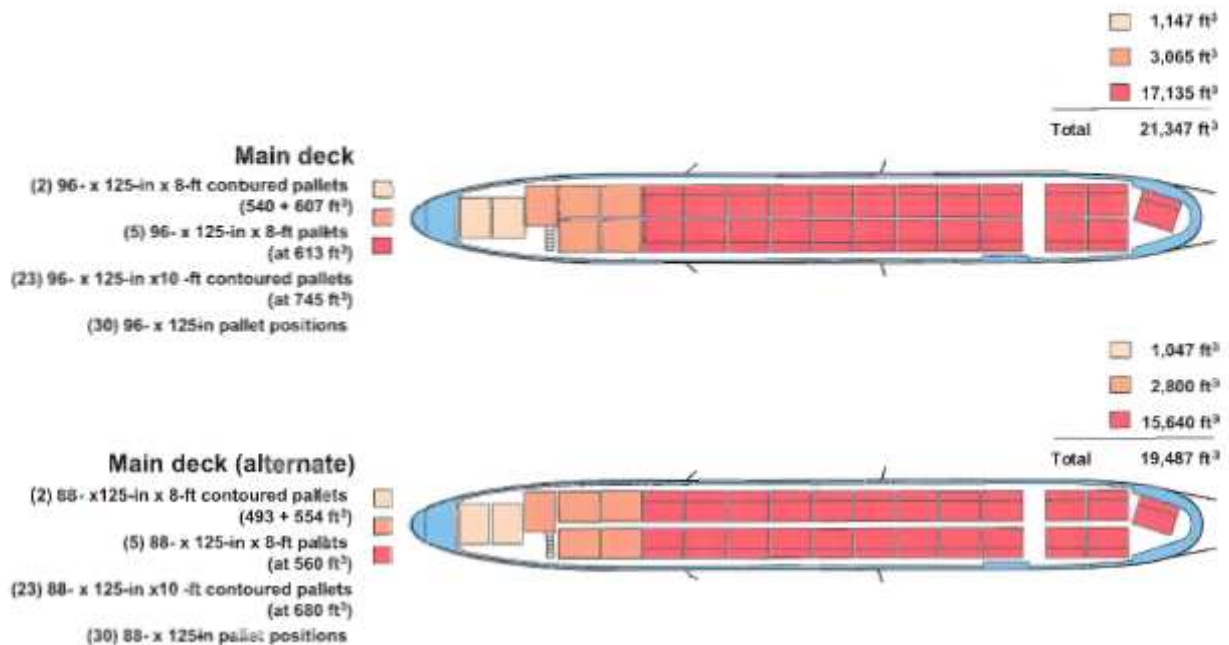
Performance summary

General Electric CF6-80C2 engines

	747-400ERF
Cargo capacity, m³ (ft³)	
Main deck, (30) 96 x 125-in (2.4 x 3.2-m) pallets or containers	607.7 (21,462)
Lower hold, (9) 96 x 125-in (2.4 x 3.2-m) pallets, (2) LD-1/LD-3s, plus bulk	145.1 (5,125)
Total cargo volume	752.8 (26,587)
Maximum gross weight, kg (lb)	
Takeoff	412,770 (910,000)
Landing	296,200 (653,000)
Zero fuel	277,140 (611,000)
Revenue payload (MZFW-OEW)	113,130 (249,400)
Fuel capacity, L (U.S. gal)	203,520 (53,765)
Design range (MZFW payload) nmi, (km)	4,980 (9,220)

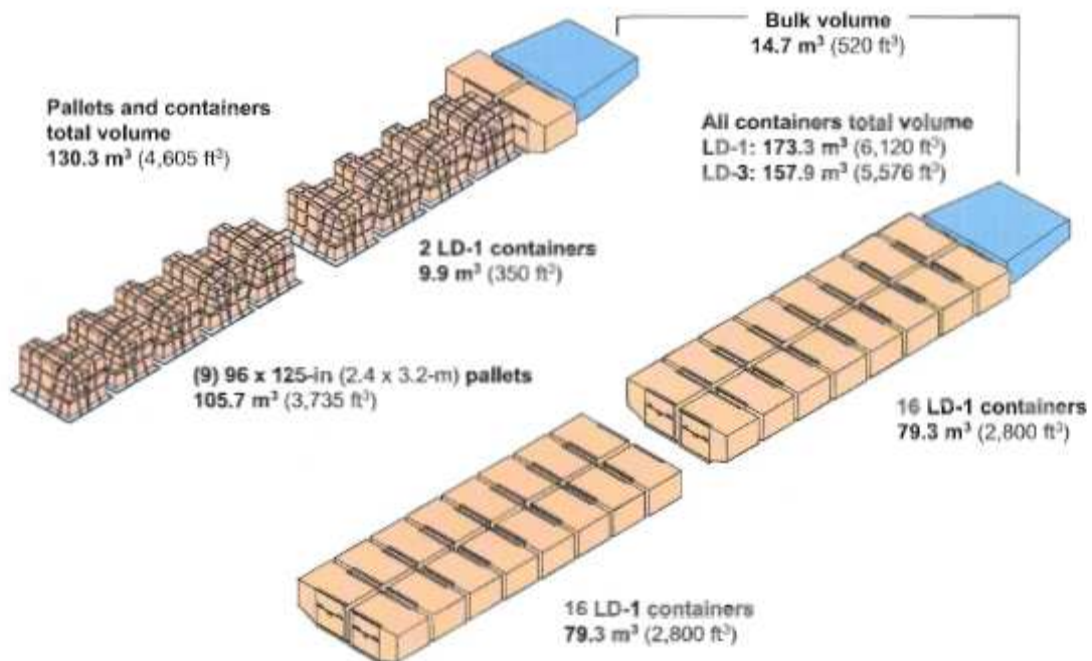
Boeing 747-400ERF

Main deck pallet arrangements



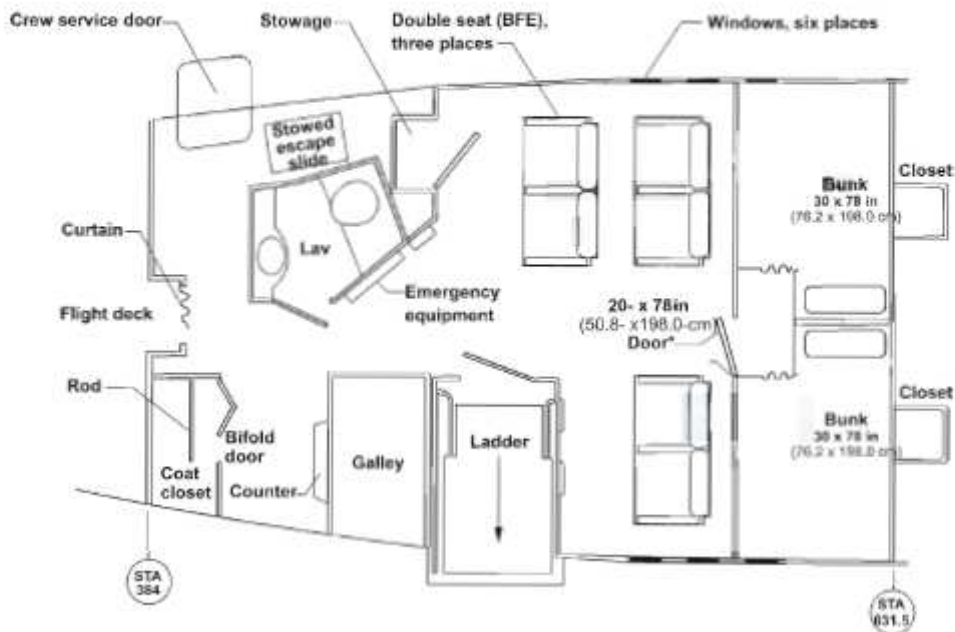
Boeing 747-400ERF

Lower hold cargo arrangements



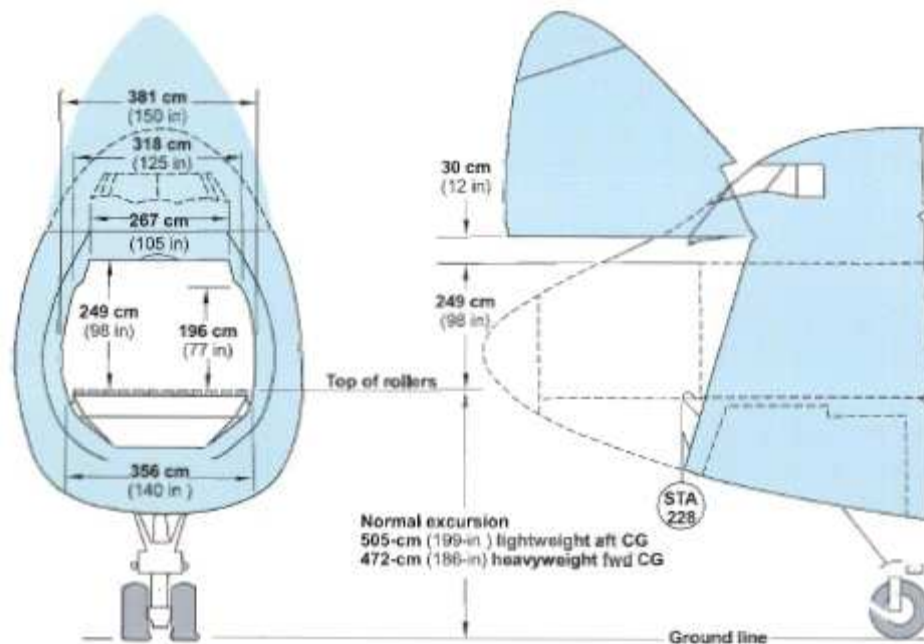
Boeing 747-400ERF

Upper deck arrangement



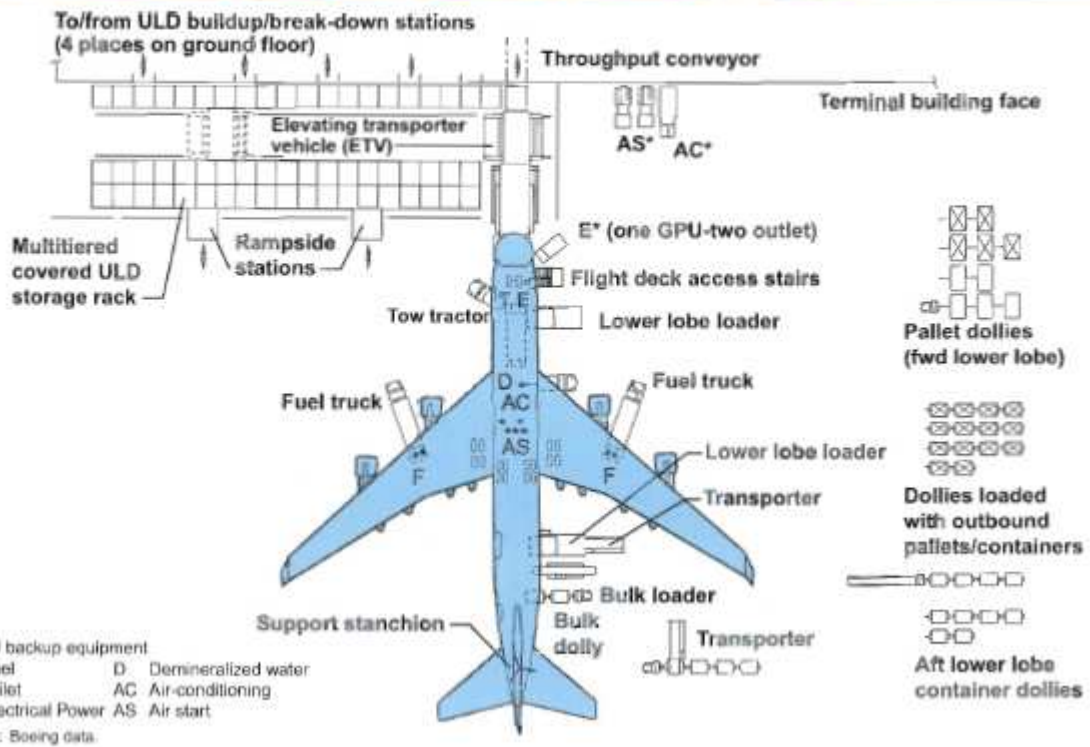
Boeing 747-400ERF

Nose cargo door dimensions



Boeing 747-400ERF

Turnaround servicing arrangement, nose loading



2009 747 CARGO EXTENDED RANGE - MODEL : B747-4HQERF

SPECIFICATIONS		
AIRPLANE IDENTIFICATIONS		
Registration		
Airplane Type	8747-400ERF	
Airplane Model	747-4HQERF	
WEIGHT LIMITATIONS		
MTW	913,000 lb	
MTOW	910,000 lb	
MLW	653,000 lb	
MZFW	611,000 lb	
MEW	346,500 lb	
OEW	361,000 lb	
Gross Weight	894,000 lb	
Pay Load	134 tons	
Fuel Capacity	53765 USG	
ENGINE IDENTIFICATIONS		
Type and Model	CF6-80C2B5F	
Rating	62100 lb FADEC	
CARGO		
Cargo Loading System	Teleair Cargo Loading System	
Cargo Capacity		
Main Deck	21,117 ft ³	Dependant
Aft Bulk	520 ft ³	9,720 lb
Lower Deck Aft	2,800 ft ³	57,500 lb
Lower Deck Fwd	2,800 ft ³	61,000 lb
Total Cargo Volume	27,237 ft ³	
AVIONICS		
VHF Transceiver (VDL Mode 2)	VHF2100	Rockwell
VOR/Marker Beacon Receiver	822-0297-001	Rockwell
2 ATC Txpndr.	822-1338-001	Rockwell
3 Flight Control System	822-1261-101	Rockwell
2 DME	822-0329-001	Rockwell
MultiMode Receiver (ILS/GPS)	GLU925	Rockwell
1 Auto Throttle	4052508-952	Honeywell
2 ADF System	822-0299-001	Rockwell
ADF Receiver	ADF900	Rockwell
ADF Antenna	DFA901	Rockwell
1 SelCal Decoder	SL3924AAD1	TEAM
1 TCAS	822-1293-001	Rockwell
3 VHF Txcvr	822-1047-003	Rockwell
2 VOR/Marker Beacon Rcvr.	822-0297-001	Rockwell
1 Voice Recorder	980-6022-001	Honeywell
2 FMC	4052508-952	Honeywell
1 DFDAU	285U0071-206	Boeing
1 Flight Data Recorder	980-4700-042	Honeywell
1 GPWS	i-0976-003-204-204	Honeywell
2 HF Txcvr.	822-0990-002	Rockwell
DME Transceiver	DME900	Rockwell
Mode S Transponder	TPR901	Rockwell
3 ILS/GPS MMR	822-1152-002	Rockwell
1 ACARS	822-1239-101	Rockwell
HF Transceiver (HFOL)	HFS900D	Rockwell
HF Digital Antenna Coupler	CPL920D	Rockwell
Radio Altimeter Transceiver	LRA900	Rockwell
WXR Receiver/Transmitter	WRT2100	Rockwell
WXR Dual Mount	WMT702X	Rockwell
WXR Dual Control Panel	WCP702	Rockwell
WXR Dual Antenna Pedestal	WMA702X	Rockwell
WXR Flat Plate Antenna	WFA701X	Rockwell
TCAS II Transmitter/Receiver 7.0 Log	TTR921	Rockwell
TCAS II Directional Antenna	TRE920	Rockwell
Communication Management Unit	CMU900	Rockwell
Aircraft Personality Module	APH900	Rockwell
Satellite Data Unit	SRT2100	Rockwell
WHEELS & BRAKES		
Wheels	Goodrich 3-1597	
Brakes	Goodrich 2-1628	