

# AIRCRAFT GENERAL SPECIFICATIONS

## BOEING B777-200LR PASSENGER AIRCRAFT

Aircraft Identification	
Manufacturer	The Boeing Co.
Date of Manufacture	June 2009
Manufacturer Serial Numbers	36305
Original & Current Registration	VT-ALF
Engine	2 x GE90-110B1L1
APU	1 x Honeywell GTCF 331-500

Aircraft Weights	
Max Taxi Weight	348,358 Kgs
Max Take-Off Weight	347,451 Kgs
Maximum Landing Weight	223,167 Kgs
Maximum Zero Fuel Weight	209,106 Kgs
Operating Empty Weight	166,106 Kgs
Structural Limited Payload	43,000 Kgs
Note: Payload may be limited due aircraft performance criteria and/or sector fuel requirement.	
Fuel Capacity	150,688 Kgs
Single Cell Aux Tank ( @ 0.8 kg/l)	installed

Maintenance Programme	
Phase Check 'P'	Every 2000 FH /240 days
Major Check 'C'	Every 1125 days
HMV Check 'D'	Every 3000 days
Engine	Condition Monitoring
APU	On Condition

Maintenance status	
Airframe ( as at 24 Mar 2014)	
Total Flight Hrs	18356 FH
Total Flight Cycles	2549 FC
Next Major Check	May 2015
Landing Gear	
NLG - Overhaul due at -	June 2019
MLG -LH - Overhaul due at -	June 2019
MLG -RH - Overhaul due at -	June 2019
Engine - Serviceable with no reduced boro inspection interval	
APU - Serviceable	

Cargo Compartment Configuration	
Fwd (18 - LD3 or 6 - 96x125 Ps )	2844 cu ft
Aft (12 - LD3)	1896 cu ft
Bulk	600 cu ft

Cabin Compartment Configuration			
Avio First Class - Flat Bed / 80" pitch - 23" PTV	08 seats		
Avio Business Class - Flat Bed / 76" pitch - 15.4" PTV	35 seats		
Avio Economy Class - 33"-34"pitch /10.6" PTV	195 seats		
Crew Rest Seats - 3 & Attendant Seats	19		
OFCR ( 2 seats with PTV+2 beds)/ OFAR (6 beds) areas			
Thales I 5000 AVOD IFE + Coloured Accent /Mood Cabin lighting			
Lavatory	11 units		
Sell Galleys	12 units/ 54.5 carts		

Major Avionics/ Navigation Equipment			
Description	Part Number	Vendor	Qty
AFDC	822-0006-105	Collins	3
AIMS 2	4089200-901	Honeywell	2
HF	964-0452-011	Honeywell	2
VHF	064-50000-2000	Honeywell	3
EGPWS	965-0976-003-218-218	Honeywell	1
WX	930-2000-001	Honeywell	2
DME	066-50013-0101	Honeywell	2
ADF	066-50014-0101	Honeywell	2
MMR(ILS/GPS)	066-50029-1201	Honeywell	3
VOR/MKR	066-50012-0101	Honeywell	2
LRRA	066-50007-0111	Honeywell	3
Mode S	066-01127-1602	Honeywell	2
TCAS II	940-0300-001	Honeywell	1
ADIRU	HG2060AD01	Honeywell	1
SAARU	HG2040AD03	Honeywell	1

Salient Features	
Flight Compartment Entry Video Surveillance system	
Landscape Camera system for External forward and down views	
3 dedicated Medical Power Outlets - 220V/50Hz & 110V/60Hz	
110 VAC In Seat Power Supply in all Class seats	
Dual EFB Class 3 system	
180 minutes ETOPS approved	
VHF 8.33 KHz Channel spacing - VDL 2 data mode	
FM Immunity, TCAS Change 7.0, RVSM compliant	
RNP 10/ RNP 5/ RNP1/ RNAV -5/ RNAV -1 compliant	
Impact activated ELT 406	
Dual ELS/EHS Mode S Euro Control compliant	
PWS Weather Radar (RDR-4000) System with no wave guide	
Dual 6 channel Satcom with Cabin Telephony	
Instrumentation / FQIS in Metric units	

*For information only*

# AIRCRAFT GENERAL SPECIFICATIONS

## BOEING B777-200LR PASSENGER AIRCRAFT

Aircraft Identification	
Manufacturer	The Boeing Co.
Date of Manufacture	July 2009
Manufacturer Serial Numbers	36306
Original & Current Registration	VT-ALG
Engine	2 x GE90-110B1L1
APU	1 x Honeywell GTCF 331-500

Aircraft Weights	
Max Taxi Weight	348,358 Kgs
Max Take-Off Weight	347,451 Kgs
Maximum Landing Weight	223,167 Kgs
Maximum Zero Fuel Weight	209,106 Kgs
Operating Empty Weight	166,106 Kgs
Structural Limited Payload	43,000 Kgs
Note: Payload may be limited due aircraft performance criteria and/or sector fuel requirement.	
Fuel Capacity	150,688 Kgs
Single Cell Aux Tank ( @ 0.8 kg/l)	installed

Maintenance Programme	
Phase Check 'P'	Every 2000 FH /240 days
Major Check 'C'	Every 1125 days
HMV Check 'D'	Every 3000 days
Engine	Condition Monitoring
APU	On Condition

Maintenance status	
Airframe ( as at 24 Mar 2014)	
Total Flight Hrs	18630 FH
Total Flight Cycles	2624 FC
Next Major Check	Aug 2015
Landing Gear	
NLG - Overhaul due at -	July 2019
MLG -LH - Overhaul due at -	July 2019
MLG -RH - Overhaul due at -	July 2019
Engine - Serviceable with no reduced boro inspection interval	
APU - Serviceable	

Cargo Compartment Configuration	
Fwd (18 - LD3 or 6 - 96x125 Ps )	2844 cu ft
Aft (12 - LD3)	1896 cu ft
Bulk	600 cu ft

Cabin Compartment Configuration			
Avio First Class - Flat Bed / 80" pitch - 23" PTV	08 seats		
Avio Business Class - Flat Bed / 76" pitch - 15.4" PTV	35 seats		
Avio Economy Class - 33"-34"pitch /10.6" PTV	195 seats		
Crew Rest Seats - 3 & Attendant Seats	19		
OFCR ( 2 seats with PTV+2 beds)/ OFAR (6 beds) areas			
Thales I 5000 AVOD IFE + Coloured Accent /Mood Cabin lighting			
Lavatory	11 units		
Sell Galleys	12 units/ 54.5 carts		

Major Avionics/ Navigation Equipment			
Description	Part Number	Vendor	Qty
AFDC	822-0006-105	Collins	3
AIMS 2	4089200-901	Honeywell	2
HF	964-0452-011	Honeywell	2
VHF	064-50000-2000	Honeywell	3
EGPWS	965-0976-003-218-218	Honeywell	1
WX	930-2000-001	Honeywell	2
DME	066-50013-0101	Honeywell	2
ADF	066-50014-0101	Honeywell	2
MMR(ILS/GPS)	066-50029-1201	Honeywell	3
VOR/MKR	066-50012-0101	Honeywell	2
LRRA	066-50007-0111	Honeywell	3
Mode S	066-01127-1602	Honeywell	2
TCAS II	940-0300-001	Honeywell	1
ADIRU	HG2060AD01	Honeywell	1
SAARU	HG2040AD03	Honeywell	1

Salient Features
Flight Compartment Entry Video Surveillance system
Landscape Camera system for External forward and down views
3 dedicated Medical Power Outlets - 220V/50Hz & 110V/60Hz
110 VAC In Seat Power Supply in all Class seats
Dual EFB Class 3 system
180 minutes ETOPS approved
VHF 8.33 KHz Channel spacing - VDL 2 data mode
FM Immunity, TCAS Change 7.0, RVSM compliant
RNP 10/ RNP 5/ RNP1/ RNAV -5/ RNAV -1 compliant
Impact activated ELT 406
Dual ELS/EHS Mode S Euro Control compliant
PWS Weather Radar (RDR-4000) System with no wave guide
Dual 6 channel Satcom with Cabin Telephony
Instrumentation / FQIS in Metric units

*For information only*

# AIRCRAFT GENERAL SPECIFICATIONS

## BOEING B777-200LR PASSENGER AIRCRAFT

Aircraft Identification	
Manufacturer	The Boeing Co.
Date of Manufacture	Aug 2009
Manufacturer Serial Numbers	36307
Original & Current Registration	VT-ALH
Engine	2 x GE90-110B1L1
APU	1 x Honeywell GTCP 331-500

Aircraft Weights	
Max Taxi Weight	348,358 Kgs
Max Take-Off Weight	347,451 Kgs
Maximum Landing Weight	223,167 Kgs
Maximum Zero Fuel Weight	209,106 Kgs
Operating Empty Weight	166,106 Kgs
Structural Limited Payload	43,000 Kgs
Note: Payload may be limited due aircraft performance criteria and/or sector fuel requirement.	
Fuel Capacity	150,688 Kgs
Single Cell Aux Tank ( @ 0.8 kg/l)	installed

Maintenance Programme	
Phase Check 'P'	Every 2000 FH /240 days
Major Check 'C'	Every 1125 days
HMV Check 'D'	Every 3000 days
Engine	Condition Monitoring
APU	On Condition

Maintenance status	
Airframe ( as at 20 Mar 2013)	
Total Flight Hrs	11457 FH
Total Flight Cycles	1446 FC
Next Major Check	Under Check
Landing Gear	
NLG - Overhaul due at -	Aug 2019
MLG -LH - Overhaul due at -	Aug 2019
MLG -RH - Overhaul due at -	Aug 2019
Engine - Serviceable with no reduced boro inspection interval	
APU - Serviceable	

Cargo Compartment Configuration	
Fwd (18 - LD3 or 6 - 96x125 Ps )	2844 cu ft
Aft (12 - LD3)	1896 cu ft
Bulk	600 cu ft

Cabin Compartment Configuration	
Avio First Class – Flat Bed / 80” pitch – 23” PTV	08 seats
Avio Business Class – Flat Bed / 76” pitch – 15.4” PTV	35 seats
Avio Economy Class – 33”-34”pitch /10.6” PTV	195 seats
Crew Rest Seats – 3 & Attendant Seats	19
OFCR ( 2 seats with PTV+2 beds)/ OFAR (6 beds) areas	
Thales I 5000 AVOD IFE + Coloured Accent /Mood Cabin lighting	
Lavatory	11 units
Sell Galleys	12 units/ 54.5 carts

Major Avionics/ Navigation Equipment			
Description	Part Number	Vendor	Qty
AFDC	822-0006-105	Collins	3
AIMS 2	4089200-901	Honeywell	2
HF	964-0452-011	Honeywell	2
VHF	064-50000-2000	Honeywell	3
EGPWS	965-0976-003-218-218	Honeywell	1
WX	930-2000-001	Honeywell	2
DME	066-50013-0101	Honeywell	2
ADF	066-50014-0101	Honeywell	2
MMR(ILS/GPS)	066-50029-1201	Honeywell	3
VOR/MKR	066-50012-0101	Honeywell	2
LRRA	066-50007-0111	Honeywell	3
Mode S	066-01127-1602	Honeywell	2
TCAS II	940-0300-001	Honeywell	1
ADIRU	HG2060AD01	Honeywell	1
SAARU	HG2040AD03	Honeywell	1

Salient Features
Flight Compartment Entry Video Surveillance system
Landscape Camera system for External forward and down views
3 dedicated Medical Power Outlets – 220V/50Hz & 110V/60Hz
110 VAC In Seat Power Supply in all Class seats
Dual EFB Class 3 system
180 minutes ETOPS approved
VHF 8.33 KHz Channel spacing - VDL 2 data mode
FM Immunity, TCAS Change 7.0, RVSM compliant
RNP 10/ RNP 5/ RNP1/ RNAV -5/ RNAV -1 compliant
Impact activated ELT 406
Dual ELS/EHS Mode S Euro Control compliant
PWS Weather Radar (RDR-4000) System with no wave guide
Dual 6 channel Satcom with Cabin Telephony
Instrumentation / FQIS in Metric units

*For information only*