

# AIRCRAFT GENERAL SPECIFICATIONS

## BOEING B777-200LR PASSENGER AIRCRAFT

Aircraft Identification	
Manufacturer	The Boeing Co.
Date of Manufacture	Jun 2009
Manufacturer Serial Numbers	36305
Original & Current Registration	VT-ALF
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
Dry Operating Empty Weight	164,417 Kgs
Structural Limited Payload	35,157 Kgs
<small>Note: Payload may be limited due aircraft performance criteria and/or sector fuel requirement.</small>	
Fuel Capacity (@ 0.785 kg/l)	147,877 Kgs
Single Cell Aux Tank (@ 0.785 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 01 July 2022)	
Total Flight Hrs	46011 FH
Total Flight Cycles	5820 FC
Next Major Check(C CHK DUE)	Jan 2024
Landing Gear	
NLG - Overhaul due at -	Oct 2028
MLG -LH - Overhaul due at -	Oct 2028
MLG -RH - Overhaul due at -	Oct 2028
Engine - Currently Installed #2 Engine on reduced boro inspection interval	
APU - Serviceable	

Cargo Compartment Configuration	
Fwd	3596 cu ft
Aft	2444 cu ft
Bulk	543 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”-35”pitch /10.6” PTV	195	seats	
Crew Rest Seats – 3 & Attendant Seats	19		
OFAR ( 2 seats with PTV+2 beds)/ OFAR (6 beds) areas			
Thales I 5000 AVOD IFE + Colored Accent /Mood Cabin lighting			
Lavatory	11	units	
Sell Galleys	15	units/ 65 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	965-0976-003-218-218/230-230	Honeywell	1
WX	930-2000-001	Honeywell	2
DME	066-50013-0101	Honeywell	2
ADF	066-50014-0101	Honeywell	2
IMMR(ILS/GPS)	69002600-0101	Honeywell	3
VOR/MKR	066-50012-0101	Honeywell	2
LRRR	066-50007-0531	Honeywell	3
Mode S	9008000-10000	Thales	2
TCAS II	940-0351-001	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 60 Hz 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
RNP10/4/ 2/1/ RNP APCH, RNAV10/5/2/1compliant
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	Jul 2009
Manufacturer Serial Numbers	36306
Original & Current Registration	VT-ALG
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	164,542 Kgs
Structural Limited Payload	35,032 Kgs
<small>Note: Payload may be limited due aircraft performance criteria and/or sector fuel requirement.</small>	
Fuel Capacity (@ 0.785 kg/l)	147,877 Kgs
Single Cell Aux Tank (@ 0.785 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 01 July 2022)	
Total Flight Hrs	43736 FH
Total Flight Cycles	4919 FC
Next Major Check(C CHK DUE)	Apr 2025
Landing Gear	
NLG - Overhaul due at -	Feb 2029
MLG -LH - Overhaul due at -	Feb 2029
MLG -RH - Overhaul due at -	Feb 2029
Engine - Currently Installed #2 Engine on reduced boro inspection interval	
APU - Serviceable	

Cargo Compartment Configuration	
Fwd	3596 cu ft
Aft	2444 cu ft
Bulk	543 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”-35”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 + Colored Accent /Mood Cabin lighting	
Lavatory	11 units
Sell Galleys	15 units/ 65 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	965-0976-003-218-218/230-230	Honeywell	1
WX	930-2000-001	Honeywell	2
DME	066-50013-0101	Honeywell	2
ADF	066-50014-0101	Honeywell	2
IMMR(ILS/GPS)	69002600-0101	Honeywell	3
VOR/MKR	066-50012-0101	Honeywell	2
LRRRA	066-50007-0531	Honeywell	3
Mode S	9008000-10000	Thales	2
TCAS II	940-0351-001	Honeywell	1
ADIRU	HG2060AD01	Honeywell	1
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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
RNP10/4/ 2/1/ RNP APCH, RNAV10/5/2/1compliant
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

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# 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	164,405 Kgs
Structural Limited Payload	35169 Kgs
Note: Payload may be limited due aircraft performance criteria and/or sector fuel requirement.	
Fuel Capacity (@ 0.785 kg/l)	147,877 Kgs
Single Cell Aux Tank ( @ 0.785 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 01 July 2022)	
Total Flight Hrs	37236 FH
Total Flight Cycles	4158 FC
Next Major Check(C CHK DUE)	Jan 2025
Landing Gear	
NLG - Overhaul due at -	May 2029
MLG -LH - Overhaul due at -	May 2029
MLG -RH - Overhaul due at -	May 2029
Engine - Serviceable with no reduced boro inspection interval	
APU - Serviceable	

Cargo Compartment Configuration	
Fwd	3596 cu ft
Aft	2444 cu ft
Bulk	543 cu ft

Cabin Compartment Configuration	
Avio First Class – Flat Bed / 80” pitch – 23” PTV	08 seats
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