

AIRCRAFT GENERAL SPECIFICATIONS

BOEING B777-200LR PASSENGER AIRCRAFT

Aircraft Identification	
Manufacturer	The Boeing Co.
Date of Manufacture	Jul 2007
Manufacturer Serial Numbers	36300
Original & Current Registration	VT-ALA
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	
Check P	Every 2000 FH/250 FC/120 days
Check C	P9/Every 1125 days
HMV Check 'D'	P24/Every 3000 days
Engine	Condition Monitoring
APU	On Condition

Maintenance status	
Airframe (as at 30 Oct 09)	
Total Flight Hrs	9270 FH
Total Flight Cycles	805 FC
Next Major Check	Jul 2010
Landing Gear (as at 30 Oct 09)	
NLG - Overhaul due at -	Jul 2017
MLG -LH - Overhaul due at -	Jul 2017
MLG -RH - Overhaul due at -	Jul 2017
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 – 34”-33”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 4000 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 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
BRNAV/RNP 10/ RNP5/RNP1/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	
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Manufacturer	The Boeing Co.
Date of Manufacture	Aug 2007
Manufacturer Serial Numbers	36301
Original & Current Registration	VT-ALB
Engine	2 x GE90-110B1L1
APU	1 x Honeywell GTCP 331-500

Aircraft Weights	
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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	
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Check P	Every 2000 FH/250 FC/120 days
Check C	P9/Every 1125 days
HMV Check 'D'	P24/Every 3000 days
Engine	Condition Monitoring
APU	On Condition

Maintenance status	
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Airframe (as at 30 Oct 09)	
Total Flight Hrs	8469 FH
Total Flight Cycles	769 FC
Next Major Check	Aug 2010
Landing Gear (as at 30 Oct 09)	
NLG - Overhaul due at -	Aug 2017
MLG -LH - Overhaul due at -	Aug 2017
MLG -RH - Overhaul due at -	Aug 2017
Engine - Serviceable with no reduced boro inspection interval	
APU - Serviceable	

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

Cabin Compartment Configuration	
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Avio First Class – Flat Bed / 80” pitch – 23” PTV	08 seats
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MMR(ILS/GPS)	066-50029-1201	Honeywell	3
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LRRA	066-50007-0111	Honeywell	3
Mode S	066-01127-1602	Honeywell	2
TCAS II	940-0300-001	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

BRNAV/RNP 10/ RNP5/RNP1/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

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BOEING B777-200LR PASSENGER AIRCRAFT

Aircraft Identification	
Manufacturer	The Boeing Co.
Date of Manufacture	Jul 2007
Manufacturer Serial Numbers	36302
Original & Current Registration	VT-ALC
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
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Maintenance Programme	
Check P	Every 2000 FH/250 FC/120 days
Check C	P9/Every 1125 days
HMV Check 'D'	P24/Every 3000 days
Engine	Condition Monitoring
APU	On Condition

Maintenance status	
Airframe (as at 30 Oct 09)	
Total Flight Hrs	8930 FH
Total Flight Cycles	755 FC
Next Major Check	Jul 2010
Landing Gear (as at 30 Oct 09)	
NLG - Overhaul due at -	Jul 2017
MLG -LH - Overhaul due at -	Jul 2017
MLG -RH - Overhaul due at -	Jul 2017
Engine - Serviceable with no reduced boro inspection interval	
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