

# SPECIFICATION SUMMARY



## Boeing B777-300ER

**Pos.# A**

Rev.: No. 2

Date: 21-NOV-2023

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## AIRCRAFT IDENTIFICATION

Aircraft Model	B777-300ER
Manufacture Date	2019
Aircraft Vintage	2024
Engines Model	GE90-115BL1
APU Model	GTCP331-500(B)

WEIGHTS, OPERATIONAL	Metric	US Customary
Maximum Taxi Weight (MTW)	352`440 [Kg]	777`000 [Lbs]
Maximum Take Off Weight (MTOW)	351`533 [Kg]	775`000 [Lbs]
Maximum Landing Weight (MLW)	251`289 [Kg]	554`000 [Lbs]
Maximum Zero Fuel Weight (MZFW)	237`681 [Kg]	524`000 [Lbs]
Operating Empty Weight (OEW)	138`572 [Kg]	305`500 [Lbs]

## AIRFRAME STATUS

Total Airframe Hours	5
Total Cycles	6
Status Date	21-NOV-2023

## MAINTENANCE STATUS

D/SI - Check interval	32`000/ 16`000 FC / 96 MO
Last D/SI - Check	Not Due

LDG DETAILS	NLG	LH MLG	RH MLG
Part Number	162W0000-5	TBA	TBA
Hours Since New	5	5	5
Cycles Since New	6	6	6
Last Overhaul Date	NONE	NONE	NONE
Hours Since Overhaul	N/A	N/A	N/A
Cycles Since Overhaul	N/A	N/A	N/A
Remaining Cycles	15`994	15`994	15`994
Overhaul Due Date	Q4-2029	Q4-2029	Q4-2029
Overhaul Interval	16`000 FC or 10 Years	16`000 FC or 10 Years	16`000 FC or 10 Years
Status Date	21-NOV-2023	21-NOV-2023	21-NOV-2023

ENGINE / APU DETAILS	Engine 1	Engine 2	APU
Manufacturer	GE	GE	Honeywell
Model	GE90-115BL1	GE90-115BL1	GTCP331-500(B)
Thrust Rating	114`540 Lbf	114`540 Lbf	

ENGINE / APU STATUS	Engine 1	Engine 2	APU
Total Time Since New	5	5	5
Total Cycles Since New	6	6	6
Last Shop Visit Date	NONE	NONE	NONE
Scope of Shop Visit	N/A	N/A	N/A
Hours Since Last Shop Visit	N/A	N/A	N/A
Cycles Since Last Shop Visit	N/A	N/A	N/A
First LLP Limiter	8`794	8`794	TBA
Status Date	21-NOV-2023	21-NOV-2023	21-NOV-2023

## ENGINE Pos.#1 - LLP

ENGINE TYPE:		TSN:	5	TSLSV:	N/A	DATE:
GE90-115BL1		CSN:	6	CSLSV:	N/A	21-NOV-2023
NO	PART NAME	PART NUMBER	TOTAL HOURS	TOTAL CYCLES	LIFE LIMIT CYCLES	REMAINING CYCLES
LPC						
1)	LPC - FAN FWD SHAFT	2209M10G02	5	6	15`000	14`994
2)	LPC - FAN DISK	2032M68G02	5	6	15`000	14`994
3)	LPC - BOOSTER SPOOL	351-200-006-0	5	6	15`000	14`994
HPC						
4)	HPC - SHAFT, CONE	351-102-906-0	5	6	15`000	14`994
5)	HPC - BLISK, STG 1	351-101-011-0	5	6	15`000	14`994
6)	HPC - SPOOL, STG 2-5	351-103-112-0	5	6	8`800	8`794
7)	HPC - HPC - DISK, STAGE 6	351-100-904-0	5	6	11`500	11`494
8)	HPC - RING, TUBE SUPPORTER (IMPELLER)	351-101-103-0	5	6	15`000	14`994
9)	HPC - SPOOL, STG 7-9	2032M23G02	5	6	11`800	11`794
10)	HPC - SEAL, CDP	2479M03P01	5	6	15`000	14`994
HPT						
11)	HPT - SEAL, FORWARD	2517M71P01	5	6	15`000	14`994
12)	HPT - HPT - DISK, STAGE 1	1865M13G08	5	6	14`300	14`294
13)	HPT - SEAL, INTERSTAGE	2505M72P01	5	6	15`000	14`994
14)	HPT - HPT DISK STG 2	2505M73P03	5	6	15`000	14`994
15)	HPT - SEAL, AFT	1865M17P02	5	6	15`000	14`994
LPT						
16)	LPT - SHAFT, FAN MID	2209M11G05	5	6	15`000	14`994
17)	LPT - STAGE 1 DISK	2209M24P01	5	6	15`000	14`994
18)	LPT - STAGE 2 DISK	2209M25P01	5	6	15`000	14`994
19)	LPT - STAGE 3 DISK	2209M26P01	5	6	15`000	14`994
20)	LPT - STAGE 4 DISK	2209M27P02	5	6	15`000	14`994
21)	LPT - STAGE 5 DISK	2209M28P01	5	6	15`000	14`994
22)	LPT - STAGE 6 DISK	1765M30P01	5	6	15`000	14`994
23)	LPT ROTOR - SHAFT, CONE	2209M29G01	5	6	15`000	14`994
					LOWEST LIMITER	8`794

## ENGINE Pos.#2- LLP

ENGINE TYPE:		TSN:	5	TSLSV:	N/A	DATE:
GE90-115BL1		CSN:	6	CSLSV:	N/A	21-NOV-2023
NO	PART NAME	PART NUMBER	TOTAL HOURS	TOTAL CYCLES	LIFE LIMIT CYCLES	REMAINING CYCLES
LPC						
1)	LPC - FAN FWD SHAFT	2209M10G02	5	6	15`000	14`994
2)	LPC - FAN DISK	2032M68G02	5	6	15`000	14`994
3)	LPC - BOOSTER SPOOL	351-200-006-0	5	6	15`000	14`994
HPC						
4)	HPC - SHAFT, CONE	351-102-906-0	5	6	15`000	14`994
5)	HPC - BLISK, STG 1	351-101-011-0	5	6	15`000	14`994
6)	HPC - SPOOL, STG 2-5	351-103-112-0	5	6	8`800	8`794
7)	HPC - HPC - DISK, STAGE 6	351-100-904-0	5	6	11`500	11`494
8)	HPC - RING, TUBE SUPPORTER (IMPELLER)	351-101-103-0	5	6	15`000	14`994
9)	HPC - SPOOL, STG 7-9	2032M23G02	5	6	11`800	11`794
10)	HPC - SEAL, CDP	2479M03P01	5	6	15`000	14`994
HPT						
11)	HPT - SEAL, FORWARD	2517M71P01	5	6	15`000	14`994
12)	HPT - HPT - DISK, STAGE 1	1865M13G08	5	6	14`300	14`294
13)	HPT - SEAL, INTERSTAGE	2505M72P01	5	6	15`000	14`994
14)	HPT - HPT DISK STG 2	2505M73P03	5	6	15`000	14`994
15)	HPT - SEAL, AFT	1865M17P02	5	6	15`000	14`994
LPT						
16)	LPT - SHAFT, FAN MID	2209M11G05	5	6	15`000	14`994
17)	LPT - STAGE 1 DISK	2209M24P01	5	6	15`000	14`994
18)	LPT - STAGE 2 DISK	2209M25P01	5	6	15`000	14`994
19)	LPT - STAGE 3 DISK	2209M26P01	5	6	15`000	14`994
20)	LPT - STAGE 4 DISK	2209M27P02	5	6	15`000	14`994
21)	LPT - STAGE 5 DISK	2209M28P01	5	6	15`000	14`994
22)	LPT - STAGE 6 DISK	1765M30P01	5	6	15`000	14`994
23)	LPT ROTOR - SHAFT, CONE	2209M29G01	5	6	15`000	14`994
					LOWEST LIMITER	8`794

## MAJOR AVIONICS EQUIPMENT

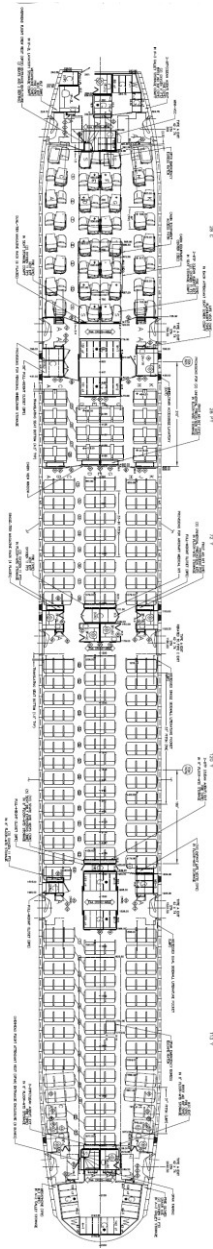
ABREVIATION	DESCRIPTION	PART NUMBER	QTY
<b>ATA - 22</b>	<b>AUTO FLIGHT</b>		
RAA	RESOLVER ASSY-AUTOTHROTTLE	CU09644007	2
AMC	AUTOPILOT MODE CNTROL	822-1494-103	1
AFDC	AUTOPILOT/FLIGHT DIRECTOR COMPUTER	822-0006-105	3
<b>ATA - 23</b>	<b>COMMUNICATIONS</b>		
AMU	AUDIO MANAGEMENT UNIT	5700-1-11	1
VHF	VERY HIGH FREQUINCY TRANSCEIVER	822-1287-101	3
HF	HIGH FREQUENCY TRANSCEIVER	822-0990-004	2
HF AN	COUPLER-HF ANTENNA	822-0987-004	2
HG AN	HIGH GAIN ANTENNA	804-10-0015	1
VHF AN	ANTENNA-VHF	DM C50-17	3
SELCAL	SELECTIVE CALLING SYSTEM DECODER	SL3924AA01	1
CVR	COCKPIT VOICE RECORDER	2100-1925-22	1
ELT	EMERGENCY LOCATOR TRANSMITTER	01N65900	1
ELT AN	EMERGENCY LOCATOR TRANSMITTER ANTENNA	02N64072 2624-82	1 1
UAB	UNDERWATER ACOUSTIC BEACON	266-E5542-00	2
CCP	CABIN CONTROL PANEL	115E7150G1	4
SDM	SPEAKER DRIVE MODULE	285W0025-3	31
CI	CABIN INTERPHONE	285W0026-2	1
ZMU	ZONE MANAGEMENT UNIT	285W0027-102	4
CSMU	CABIN SYSTEM MANAGEMENT UNIT	285W0034-2	1
RTP	RADIO TUNING PANEL	285W0114-5	3
DCP	DATA CONCENTRATOR PANEL	285W0259-3	2
ASP	AUDIO SELECT PANEL	5701-1-1	3
BMH	BOOM MIC HEADSET	64300-200	3
H	HEADPHONE	64400-200	1
LN A/D	LOW NOISE AMPLIFIER/DIPLEXER	804-10-0025	1
SDU	SATELLITE DATA UNIT	822-2556-102	1
SDU CM	SDU CONFIGURATION MODULE	822-2558-101	1
VIU	VIDEO INTERFACE UNIT	8400K1	1
FDEVSS	FLIGHT DECK ENTRY VIDEO SURVEILLANCE SYSTEM CAMERA	8410B1-204-105	3
FDEVSS CSP	FDEVSS CAMERA SELECT PANEL		
HM	HAND MICROPHONE	903-1342	2
M	MICROPHONE	S055-0030-00	1
VRCP	VOICE RECORDING CONTROL PANEL	S151-0040-00	1
<b>ATA - 31</b>	<b>INDICATING/RECORDING SYSTEMS</b>		
TCI	TAXI CAMERA INTERFACE	100-2731-01	1
BAI	BRAKE ACCUMULATOR INDICATOR	163LCP74	1
SSDFDR	SOLID STATE DIGITAL FLIGHT DATA RECORDER	2100-4945-22	1
WQAR	WIRELESS QUICK ACCESS RECORDER	2243800-364	1
LGM	LANDING GEAR MODULE	233W2204-11	1
BPI	BRAKE PRESSURE INDICATOR	233W2207-1	1
CDC	CENTER DISPLAY CONTROL	233W6203-5	1
PSU	P/C POWER SUPPLY UNIT LINEAR/MONITOR	285W0037-101	4

EFIS CP	ELECTRONIC FLIGHT INSTRUMENT SYSTEM CONTROL PANEL	4073770-902	2
DSP	DISPLAY SELECT PANEL	4073870-902	1
CC	CURSOR CONTROL	4073970-901 4073970-951	1 1
AIMS	AIRPLANE INFORMATION MANAGEMENT SYSTEM	4089200-901	2
FDP	FLAT PANEL DISPLAY	4091900-941 4091900-943	3 3
P	MILTI-USE DATA PRINTER [COCKPIT]	2015000-009	1
<b>ATA - 34</b>	<b>NAVIGATION</b>		
ADIRU	AIR DATA/INERTIAL REFERENCE UNIT	HG2060AD01	1
FMS-CDU	FLIGHT MANAGEMENT SYSTEM	B50A000-00-100	3
L AN	LOCALIZER ANTENNA	S65-147-7	2
SAARU	STANDBY ATTITUDE/AIR DATA REFERENCE UNIT	HG2040AD04	1
C	COMPASS	PGA0117W	1
ISFD	INTEGRATED STANDBY FLIGHT DISPLAY	C16786FA02	1
MMR	MULTI-MODE RECEIVER	822-2532-100	3
WR	WEATHER RADAR TRANSCEIVER	822-1710-002	2
RA	RADIO ALTIMETER TRANSCEIVER	822-0334-002	3
RA AN	LOW RANGE RADIO ALTIMETER ANTENNA	S67-2002-28	6
TCAS	TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM COMPUTER	822-2911-002	1
GPWS	GROUND PROXIMITY WARNING SYSTEM COMPUTER	69000940-101	1
DME	DISTANCE MEASURING EQUIPMENT INTEROGATOR	822-2325-001	2
ATC	AIR TRAFFIC CONTROL TRANSPONDER	822-1338-205	2
TCAS/ATC	TCAS/ATC TRANSPONDERS PANEL	G7131-03	1
ADF	AUTOMATIC DIRECTION-FINDING RECEIVER	822-0299-001	2
ADF AN	ADF ANTENNA	822-5404-003	2
VOR	VERY HIGH FREQUENCY OMNI-DIRECTIONAL RANGE RECEIVER	822-0297-001	2
VOR AN	VOR ANTENNA	DMN56-1	1
MB AN	MARKER BEACON ANTENNA	DMN27-2	1
GPS AN	ANTENNA-GPS	AT575-343W	2
P/S P	PITOT/STATIC PROBE	0856LU5 0856LU6	1 2
AOA	ANGLE OF ATTACK SENSOR	0861FL1	2
GPRO	GROUND PROXIMITY RUNWAY OVERRIDE	115E3335G1	1
GST AN	GLIDE SLOPE TRACK ANTENNA	284W3037-10	2
GS AN	GLIDE SLOPE ANTENNA	S41422	2
ADMPS	AIR DATA MODULE [POWER SUPPLY]	326PS101-2	1
ADM	AIR DATA MODULE	4071400-904	6
WR CP	WEATHER RADAR CONTROL PANEL	622-5130-801	1
WR M	WEATHER RADAR MOUNT	622-5133-005	2
WR AN	WEATHER RADAR ANTENNA DRIVE	622-5136-802	1
WR AN	WEATHER RADAR ANTENNA	622-5137-601	1
TCAS AN	TCAS ANTENNA	622-8973-001	2
ADM	AIR DATA MODULE	C17001DA01	2
<b>ATA - 46</b>	<b>INFORMATION SYSTEMS</b>		
NFS	NETWORK FILE SERVER	2247200-01	1
EEM	ENHANCED ELECTRONIC MODULE	245-604170-207	1
EFB	ELECTRONIC FLIGHT BAG	261700-1	2
EFB DU	EFB DISPLAY UNIT	261690-101	2

## INTERIOR CONFIGURATION

Galleys	11	Cockpit Configuration	[2+2]
Lavatories	12	Cabin Crew Rest	No
Attendant Seats	16	SKY Interior Installed	Yes
In Flight Entertainment	Yes	WI-FI Installed	No

<u>Seats</u>	<u>Quantity</u>	<u>Manufacturer</u>	<u>Pitch</u>
Business Class	28	B/E Aerospace, Inc	44"
Premium Economy Class	28	B/E Aerospace, Inc	38"
Economy Class	305	B/E Aerospace, Inc	32"







# PERFORMANCE

FOR INFORMATION PURPOSES ONLY

STANDARD DRY, ZERO WIND  
 MACH 0.84 CRUISE  
 STEP CLIMB AT 2,000 FEET INCREMENTS  
 NORMAL POWER EXTRACTION AND AIR CONDITIONING BLEED  
 TYPICAL MISSION RULES

Payload/Range  
 777-300ER/GE90-115BL

CONSULT USING AIRLINE FOR SPECIFIC OPERATING  
 PROCEDURE AND CEW PRIOR TO FACILITY DESIGN

