



Asset Complete Specification

Manufacturer: Boeing - Boeing Commercial Airplane Group

Model Designation: B777-312

Serial Number: 30868

Registration: N833KW



Current Status : AVAILABLE

A/C Type: Boeing 777-312
MSN: 30868
DOM: SEP/2001

Registration: N833KW
Engine Designation: TREN 800



Current :

Registration Current : N833KW
 Operating Time as at : 12 Aug 2022
 Date of Manufacturing : Sep/2001
 Model Designation : 777-312
 Flight Hours : 74,227
 Flight Cycle : 19,223

Asset Specific Data

Asset Model Designation	B777-312	
ATA	Description	Comment
General Information		
Line Number	360	
Production (Variable) Number	WB616	
Certification Bases		
Type Certificate Data Sheet	T00001SE AND E00050EN	
Configuration		
Aircraft Configuration	F8/C50/Y226	
2520 Cabin Attendant Seats	16	
2510 Cockpit Observer Seats	2	
2520 Passenger Seat Pitch	(AWATING DATA)	First Class ", Business Class ", Economy "
2530 Galley Locations	Galleys F1, F3, F5, M1, M2, M3, M5, M7, A1, A2, A3	Galleys F1, F3 & F5 in forward cabin, Galleys M1, M2, M5, M7 in center cabin A1, A2, A3, in aft cabin.
Galley Standart / ATLAS/KSSU		
2540 Lavatory Locations	Lavs 1F-2L, 2F-2L, 2F-1L, 2F-2R, 2F-1R, 3F-LC, 3F-RC, 4A-1L, 4A-1R, 5F-LC, 5F-RC, 5A-R	Lavs 1F-2L, 2F-2L, 2F-1L, 2F-2R, 2F-1R in forward cabin, 3F-LC, 3F-RC in centre cabin, 4A-1L, 4A-1R, 5F-LC, 5F-RC, 5A-R in forward cabin.
2330 IFE System	Panasonic eX2	Seat back or in-arm mounted monitors dependant on seat Position
WI-FI System/Type	Panasonic	Cell Modem
OPS Data		
Autoland Capabilities	Cat III B	
Reduced Vertical Separation Minimum	Compliant	

A/C Type: **Boeing 777-312**

Registration:

N822KW

MSN: **30868**

Engine Designation:

TREN 800

DOM: **SEP/2001**



Asset Model Designation

B777-312

ATA

Description

Comment

OPS Data

	Extended-range Twin-engine Operations Minutes	Yes	180-minutes
23	8.33 KHz Channel Spacing	Compliant	
3400	ILS / VOR FM Immunity	Compliant	
34	Precision Area Navigation (P RNAV)	Compliant	
34	Controller Pilot Data Link Communications (CPDLC)	Installed	
34	Automatic Dependent Surveillance - Broadcast (ADS-B)	Installed	
34	TCAS Change 7	Installed	
34	TCAS Model	TCAS II	
34	Automatic Dependent Surveillance - Contract (ADS-C)	To Be Reported	
3400	Enhanced Ground Proximity Warning System	Yes	

Additional Information

	Engine Thrust Rating	92,940 lbs
	Usable Fuel Capacity	31,000 US Gallons

Asset Weights:

Current

Description:

(kg)

(lb)

Maximum Take Off Weight	300,278	662,000
Maximum Taxi Weight	299,370	660,000
Maximum Zero Fuel Weight	237,370	524,000
Maximum Landing Weight	224,528	495,528
Operational Empty Weight	160,500	353,800

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Major Components

Description	Position	Type	Part No	Serial No	TSN	CSN	Date
Airframe							
Airframe for B777			AIRFRAME	30868	74,227	19,223	12/Aug/2021

Manufacturer: Boeing - Boeing Commercial Airplane Group

Engine General

Engine	Left	RB211	TRENT892-17	51324	57,445	13,616	09/Sep/2021
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Status: On Aircraft

Manufacturer: Rolls Royce

Engine General

Engine	Right	RB211	TRENT892-17	51423	50,219:47	11,517	15/Mar/2022
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Status: On Aircraft

Manufacturer: Rolls Royce

Main Landing Gear

Main Landing Gear	Left		161W1000-41	MC1041P0503	55171	16031	10/Sep/2021
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Status: On Aircraft

Manufacturer: Boeing - Boeing Commercial Airplane Group

A/C Type: **Boeing 777-312**
MSN: **30868**
DoM: **SEP/2001**

Registration: **N833KW**
Engine Designation: **TREN 800**



Major Components

Description	Position	Type	Part No	Serial No	TSN	CSN	Date
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Main Landing Gear

Main Landing Gear	Right		161W1000-42	MC1042P0503	55171	16031	10/Sep/2021
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Status: On Aircraft

Manufacturer: Boeing - Boeing Commercial Airplane Group

Nose Landing Gear

Nose Landing Gear	Nose		161W1000-42	MC0516P0503	55171	16031	10/Sep/2021
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Status: On Aircraft

Manufacturer: Boeing - Boeing Commercial Airplane Group

APU - Engine

(APU hrs/cyc)

APU		GTCP331-500B	3800550-1	P-1573	31,558	20,670	04/Apr/2021
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Status: On Aircraft

Manufacturer: Honeywell

A/C Type: Boeing 777-312
MSN: 30868
DoM: SEP/2001

Registration: N833KW
Engine Designation: TREN 800



Maintenance Status History

- 2C CHECK UNLISTED 12/APR/2019
- 3C CHECK UNLISTED 07/SEP/2018
- 4C+6C+12YR CHECK UNLISTED 30/NOV/2017
- 1D CHECK UNLISTED 21/NOV/2016

LANDING GEAR

	<u>NOSE GEAR</u>	<u>LEFT MAIN GEAR</u>	<u>RIGHT MAIN GEAR</u>
Part Number	162W1000-16	161W1000-41	161W1000-42
Serial Number	MC0516P0503	MC1041P0503	MC1042P0503
TSN	55,171	55,171	55,171
CSN	16,031	16,031	16,031
Installation Date	21 Dec 2015	21 Dec 2015	21 Dec @015
TSO	13,797	13,797	13,797
CSO	4,983	4,983	4,983
Overhaul Interval	16,000 FC or 120 month	16,000 FC or 120 month	16,000 FC or 120 month

APU

Manufacture	Honeywell	Status As OF	04 APR 2021	Date of Last SV	08 Aug 2017
Type / Model	GTCP331-500B	TSN	40,089	TSLSV	13,750
Serial Number	P-1573	CSN	19,074	CSLSV	1,781
Program Basis	On Condition	LLP Limiter	Rotor Assemblies		

A/C Type: Boeing 777-312

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N833KW

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TREN 800

DoM: SEP/2001



ENGINE POSITION #1

Serial Number	51324	Date Last SV	04Mar2021	Manufacture	Rolls Royce
TSN	57,445	TSLSV	2463	Model	Trent 800
CSN	13,616	CSLSV	565	Thrust Rating	92,940 lbs
Status As Of	09 Sept 2021	LLP Limiter	HPC Shaft Assy Stg 5-6 Discs	Engine Control	FADEC

LLP REFER TABLE BELOW (GROUP A)

The LLP Life remaining as listed in this report is valid and based on the latest loaded LLP Snapshot creation date and the limits as listed in the latest LLP Disk Sheet loaded in CMS. It does not take into account any LLP Life Limit change after the creation date following an Engine Event such as a Shop Visit, change in Thrust Rating or revision of a LLP Limit in the Time Limits Manual introduced after the creation of the last LLP Disk Sheet provided. The estimated Flight Cycles remaining assumes that correct utilization is reported and populated and no Engine Event such as a Shop Visit, a change in Thrust Rating or a LLP Limit change has occurred between the date of the latest LLP Disk Sheet and the date of the last valid utilization loaded in the CMS.

Note : #-TSO/CSO only applicable to Module and Non-Life Limited Parts. *** - Life Calculation on Revised Life Limit ** - Life Calculation on Soft Life Limit * - Life Calculation on Hard Life Limit

Available hours/cycles for Engine life limited parts at Airframe hours/cycles 74227 / 19223

Engine Description : ENGINE
Part Number : TRENT892-17 **Serial No** : 51324
Aircraft Reg : SYF **Position** : 1 **IIN** : R000
TSN / CSN : 57445 / 13616 **TSLV / CSLV** : 2463 / 565 **Date Installed** : 04-Mar-2021
Remarks : 09.09.2021

Item No	ATA Chapter	Position	IIN	Part Number	Part Description	Serial Number	TSO# LL(HR)	CSO# LL(CYC)	TSN	CSN	Available Hours	Cycles
1	72-31-20		R3101170	FK20839	SHAFT, ROTOR-LP COMPRESSOR	PBAN4081		15000 *	2463	565	14435	
2	72-31-16		R3101210	FK30901	DISC, ASSY-LP COMPRESSOR	LDTDK15017		13650 *	37168	8821	4829	
3	72-32-31		R3201080	FK24100	ROTOR-ASSY OF,STAGE 1-8 DISCS,IP COMP	RRDCDB14109		12500 *	25571	5534	6966	
4	72-33-21		R3301260	FW18545	SHAFT ASSY-IP COMP REAR	DAVN1667		15000 *	37168	8821	6179	
5	72-41-31		R4101170	FK32580	SHAFT, ASSY OF, STG 1-4 DISCS HP COMP	RRDCDD034882		5580 *	2463	565	5015	
6	72-41-51		R4101350	FK26893	DISC ROTOR-HP TURBINE	RRSU02F343		7000 *	2463	565	6435	
7	72-41-31		R4101370	FK27899	SHAFT-ASSY OF, STG 5-6 DISCS HP COMP	RRDCDD034116		5000 *	2463	565	4435	
8	72-51-31		R5101150	FW70564	DISC ROTOR IP TURBINE	LDREB12119		11610 *	25571	5534	6076	
9	72-51-33		R5101185	FW18550	SHAFT, ROTOR-IP TURBINE	PBAP2124		15000 *	2463	565	14435	
10	72-52-33		R5201200A	FK26159	SHAFT ASSY-LP TURBINE	DJBAP0312		15000 *	2463	565	14435	
11	72-52-31		R5201300	FK24971	DISC, ROTOR - LP TURBINE - STAGE 1	CREW15734		15000 *	2463	565	14435	
12	72-52-31		R5201350	FK26625	DISC, ROTOR - LP TURBINE - STAGE 2	CREW15490		15000 *	2463	565	14435	
13	72-52-31		R5201470	FK26626	DISC, ROTOR - LP TURBINE - STAGE 3	CREW15790		15000 *	2463	565	14435	
14	72-52-31		R5201650	FK23210	DISC, ROTOR - LP TURBINE - STAGE 4	CREW15124		15000 *	2463	565	14435	

Note : #-TSO/CSO only applicable to Module and Non-Life Limited Parts.

*** - Life Calculation on Revised Life Limit ** - Life Calculation on Soft Life Limit * - Life Calculation on Hard Life Limit

A/C Type: Boeing 777-312
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ENGINE POSITION #2

Serial Number	51423	Date Last SV	Tba	Manufacture	Rolls Royce
TSN	50,219:47	TSLSV	0	Model	Trent 800
CSN	11,517	CSLSV	0	Thrust Rating	92,940 lbs
Status As Of	15 Mar 2022	LLP Limiter		Engine Control	FADEC

LLP REFER TABLE BELOW (GROUP A)

The LLP Life remaining as listed in this report is valid and based on the latest loaded LLP Snapshot creation date and the limits as listed in the latest LLP Disk Sheet loaded in CMS. It does not take into account any LLP Life Limit change after the creation date following an Engine Event such as a Shop Visit, change in Thrust Rating or revision of a LLP Limit in the Time Limits Manual introduced after the creation of the last LLP Disk Sheet provided. The estimated Flight Cycles remaining assumes that correct utilization is reported and populated and no Engine Event such as a Shop Visit, a change in Thrust Rating or a LLP Limit change has occurred between the date of the latest LLP Disk Sheet and the date of the last valid utilization loaded in the CMS.

Note : #-TSO/CSO only applicable to Module and Non-Life Limited Parts. *** - Life Calculation on Revised Life Limit ** - Life Calculation on Soft Life Limit * - Life Calculation on Hard Life Limit

TRENT-800 LIFE LIMITED PARTS (GROUP A)
ESN: 51423 TSN/CSN: 50219:47 / 11517

SQ.	Description	Part	Serial	TSN	CSN	TSO	CSO	TSFR	CSFR	TSR	CSR	CYC Interval	CYC Remaining	SDC	Remaining CYC Per SDC
1	LP COMP ROTOR DISK.	FK30901	CTDK8467	50219:45	11517	23590:33	6228	23590:33	6228	420:58	158	13650		11517	2133
2	SHAFT LPC	FK20839	PBAN584	50219:45	11517	23590:33	6228	23590:33	6228	420:58	158	15000	3483		
3	SHAFT ASSY ROTOR 1-8 IPC	FK24100	MW0429073	23590:33	6228	23590:33	6228	23590:33	6228	420:58	158	12500		5895	6605
4	SHAFT ASSY IP REAR	FW18545	DAVN2172	23590:33	6228	23590:33	6228	23590:33	6228	420:58	158	15000	8772		
5	SHAFT A/O ROTOR DISC STAGE 1-4	FK32580	RRDCDDB39703	10706:21	3275	10706:21	3275	10706:21	3275	420:58	158	5580		3173	2407
6	SHAFT ASSY AFT 5-6 DISC HPC.	FK27899	RRDCDDB38893	10706:21	3275	10706:21	3275	10706:21	3275	420:58	158	5000		3275	1725
7	DISC ROTOR-HP TURBINE	FK26893	LDRCZ19289	20750:23	5506	10706:21	3275	10706:21	3275	420:58	158	7000	1494		
8	DISC ROTOR IP TURBINE	FK33049	LDREB11671	23590:33	6228	23590:33	6228	10706:21	3275	420:58	158	11610		6182	5428
9	SHAFT ROTOR IP TURBINE	FW18550	PBAP57	63447:56	14864	23590:33	6228	10706:21	3275	420:58	158	15000	136		
10	DISC ASSY STAGE 1 LPT	FK24971	CREW1583	48643:53	11723	10706:21	3275	10706:21	3275	420:58	158	15000	3277		
11	DISC ASSY STAGE 2 LPT	FK26625	CREW1543	48643:53	11723	10706:21	3275	10706:21	3275	420:58	158	15000	3277		
12	DISC ASSY STAGE 3 LPT	FK26626	CREW1431	48643:53	11723	10706:21	3275	10706:21	3275	420:58	158	15000	3277		
13	DISC ASSY STAGE 4 LPT	FK23210	CREW10873	10706:21	3275	10706:21	3275	10706:21	3275	420:58	158	15000	11725		
14	DISC ASSY STAGE 5 LPT	FK24200	CREW1669	48643:53	11723	10706:21	3275	10706:21	3275	420:58	158	15000	3277		
15	SHAFT ASSY LPT	FK26159	BBAP474	48643:53	11723	10706:21	3275	10706:21	3275	420:58	158	15000		11916	3084

Prepared by: Maintenance Planning - Engine & Life Parts Management.
Date: 15/11/2016

A/C Type: Boeing 777-312**Registration:****N833KW****MSN: 30868****Engine Designation:****TRENT 800****DoM: SEP/2001**

Configuration Components

	Description	Manufacturer	Part Number	Remarks	QTY
Avionics					
22	Flight Director Computer	Rockwell Collins	822-0006-103	Autopilot Flight Director Computer	3
23	HF Radio Sys	Honeywell	964-0452-012		2
23	SELCAL Decoder	Colttech Inc	1200008-000		1
23	Solid State Cockpit Voice Recorder	Honeywell	980-6022-001	120 Minutes	1
23	VHF Transceiver	Honeywell	064-50000-0110		3
2350	Audio Control Panel	Avtech	5701-1-1		3
31	Solid State Flight Data Recorder	Honeywell	980-4700-042		1
34	ADF Receiver	Honeywell	066-50014-0101		2
34	Air Data Inertial Reference Unit	Honeywell	HG2060AD01		1
34	ATC Mode 'S' Transponder	Honeywell	066-01127-1602		2
34	Transponder Control Panel		071-01503-2901		1
34	Distance Measuring Equipment (DME)	Honeywell	066-50013-0101		2
34	Enhanced Ground Proximity Warning Computer	Honeywell	965-0976-003-218-218		1
34	FMS-CDU	Honeywell	4088240-901		3
34	Low Range Radio Altimeter Transceiver	Honeywell	066-5007-0531	Low Range Radio Altimeter Transceiver	3
34	MMR - Global Nav Landing ILS/GPS	Honeywell	066-50029-1101		3
34	TCAS Processor TCAS	Honeywell	940-0351-001		1
34	VOR Navigation Receiver	Honeywell	066-50014-0101		2
34	Weather Radar Transceiver	Honeywell	066-50008-0408	Weather Radar Receiver/Transmitter	2
34	Mode Control Panel	Rockwell Collins	822-1494-103		1
28	Fuel Quantity Processor Unit		0320Kpu01		1
34	Satcom	Rockwell Collins	822-2023-002		1
34	QAR		224800-62		1
23	Wi-fi (Cell Modem)	Panasonic	N/A		1

A/C Type: **Boeing 777-312**

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MSN: **30868**

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DoM: **SEP/2001**



Description	Manufacturer	Part Number	Remarks	QTY
Configuration				
1130	Cabin Placards and Markings		English	1
2520	Cabin Lay-Out TOTAL Passenger Seats - Current Operating	Not specified	Current	384
2520	Passenger Seat - Double - Business Class	AVIO	15PA1-1212QR	
2520	Passenger Seat - Double - First Class	AVIO	15LA3-12XXQP	
2520	Passenger Seat - Double - Economy Class	RECARO	302-XX-XX	
2520	Passenger Seat - Triple - Economy Class	RECARO	302-XX-XX	

Description	Manufacturer	Part Number	Remarks	QTY
Configuration				
2530	Galley A1	JAMCO	SQ7750-11	1
2530	Galley A2	JAMCO	SQ7750-11	1
2530	Galley A3	JAMCO	SQ7750-11	1
2530	Galley M1	JAMCO	SQ7721-51	1
2530	Galley M2	JAMCO	SQ7722-51	1
2530	Galley M3	JAMCO	SQ7771-11	1
2530	Galley M5	JAMCO	SQ7741-11	1
2530	Galley M7	JAMCO	SQ7742-11	1
2530	Galley F1	JAMCO	SQ7710-51	1
2530	Galley F3	JAMCO	SQ7710-51	1
2530	Galley F5	JAMCO	SQ7710-51	1
2530	Alternate SIA Conversion Kit-ATLAS	JAMCO	7GC7710S1A05G03	
2530	Alternate SIA Conversion Kit-KSSU	JAMCO	7GC7750S1A05G05	

LOPA (TBA)

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