



Asset Complete Specification

Manufacturer:	Boeing - Boeing Commercial Airplane Group
Model Designation:	B777-212ER
Serial Number:	28521
Registration:	N826KW



Current Status : **Available**

A/C Type: **Boeing 777-212ER**
 MSN: **28521**
 DoM: **MAC/2001**

Registration: **N826KW**
 Engine Designation: **TREN 800**



Current :

Registration Current : N826KW
 Operating Time as at : 16 Oct 2021
 Date of Manufacturing : Mac/2001
 Model Designation : 777-212ER
 Flight Hours : 59,772
 Flight Cycle : 18,211

Asset Specific Data

ATA	Asset Model Designation	Description	Comment
General Information			
	Line Number	330	
	Production (Variable) Number	WB236	
Certification Bases			
	Type Certificate Data Sheet	T00001SE AND E00050EN	
Configuration			
	Aircraft Configuration	C30 / Y293	
2520	Cabin Attendant Seats	15	
2510	Cockpit Observer Seats	2	
2520	Passenger Seat Pitch	TBA	Business Class ", Economy "
			& "
2530	Galley Locations	Galleys F1, F3, F5, A1, A2, A3, A4, 4A-1R	Galleys F1, F3 & F5 in forward cabin, Galleys A1, A2, A3, A4, 4A-1R in aft cabin.
2540	Lavatory Locations	Lavs 1F-2L, 2F-1L, 2F-2R, 2F-1R, 3F-LC, 3F-RC, 3F-1R, 3A-RC, 3A-LC, 4A-R	Lavs 1F-2L, 2F-1L 2F-2R, 2F-1R in fwd cabin, Lavs 3F-LC, 3F-RC, 3F-1R, 3A-RC, 3A-LC in ctr cabin and 4A-R in aft cabin.
2230	IFE System	Panasonic eX2	Seat back or in-arm mounted monitors dependent on seat position
OPS Data			
	Autoland Capabilities	Cat III B	
	Reduced Vertical Separation Minimum	Compliant	

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Asset Model Designation B777-212ER

ATA	Description	Comment
OPS Data		
	Extended-range Twin-engine Operations Minute	Yes 180-minute
23	8.33 KHz Channel Spacing	Compliant
23	90 Day ULB	Installed
3400	ILS / VOR FM Immunity	Compliant
34	Precision Area Navigation (P RNAV)	Compliant
34	Controller Pilot Data Link Communications (CPDLC)	Installed
34	Automatic Dependant Surveillance - Broadcast (ADS-B)	Installed
34	TCAS Change 7.1	Installed
34	TCAS Model	TCAS II
34	Automatic Dependant 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	
	(kg)	(lb)
Maximum Take Off Weight	294,835	649,999
Maximum Taxi Weight	295,742	651,999
Maximum Zero Fuel Weight	195,044	429,998
Maximum Landing Weight	208,652	459,998
Operational Empty Weight	147,265	324,663

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Major Components

Description	Position	Type	Part No	Serial No	TSN	CSN	Date
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Airframe

Airframe for B777			AIRFRAME	28521	59,772	18,211	06/Aug/2021
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Manufacturer: Boeing - Boeing Commercial Airplane Group

Engine General

Engine	Left	RB211	TRENT892-17	51351	52,932	13,244	06/Aug/2021
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Status: On Aircraft

Manufacturer: Rolls Royce

Engine General

Engine	Right	RB211	TRENT892-17	51064	66,843	15,256	06/Aug/2021
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Status: On Aircraft

Manufacturer: Rolls Royce

Main Landing Gear

Main Landing Gear	Left		161W1000-41	MC0977P0471	67,456	12,109	06/Aug/2021
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Status: On Aircraft

Manufacturer: Boeing

A/C Type: **Boeing 777-212ER**
MSN: **28521**
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Registration: **N826KW**
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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	MC0988P0476	67,456	12,109	06/Aug/2021
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Status: On Aircraft

Manufacturer: Boeing

Nose Landing Gear

Nose Landing Gear	Nose		162W1000-15	MC0483P0471	67,456	12,109	02/Aug/2021
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Status: On Aircraft

Manufacturer: Boeing

APU - Engine

(APU hrs/cyc)

APU		GTCP331-500	3800550-1	P-1417	40,162	22,172	06/Aug/2021
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Status: On Aircraft

Manufacturer: Honeywell

A/C Type: **Boeing 777-212ER**
MSN: **28521**
DoM: **MAC/2001**

Registration: **N826KW**
Engine Designation: **TREN 800**



Maintenance Status History

- TBA

LANDING GEAR

	<u>NOSE GEAR</u>	<u>LEFT MAIN GEAR</u>	<u>RIGHT MAIN GEAR</u>
Part Number	162W1000-15	161W1000-41	161W1000-42
Serial Number	MC0483P0471	MC0977P0471	MC0988P0476
TSN	67,456	67,456	67,456
CSN	12,109	12,109	12,109
Installation Date	15 Nov 2019	15 Nov 2019	15 Nov 2019
TSO	17,233	17,233	17,233
CSO	4,575	4,575	4,575
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	06 Aug 2021	Installation Date	05 Aug 2018
Type / Model	GTCP331-500B	TSN	40,162	TSLSV	4,844
Serial Number	P-1417	CSN	22,172	CSLSV	1,087
Program Basis	On Condition	LLP Limiter	tba		

A/C Type: **Boeing 777-212ER**

Registration:

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Engine Designation:

TREN 800

DoM: **MAC/2001**



ENGINE POSITION #1

Serial Number	51351	Installation Date	13 Jan 2020	Manufacture	Rolls Royce
TSN	52,932	TSLSV	19,528	Model	Trent 800
CSN	13,244	CSLSV	4,712	Thrust Rating	92,940 lbs
Status As Of	06 Aug 2021	LLP Limiter			

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 59772 / 18211

Engine Description : ENGINE

Part Number : TRENT884-1 **Serial number** : 51351 **IIN** : R000

Aircraft Reg : HS-XBA **Position** : 1 **Date Installed** : 13-Jan-2020

TSN / CSN : 52932 / 13244 **TSLV / CSLV** : 19528 / 4712

Remarks :

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	PBAN2624		15000 *	19529	4712		10288
2	72-31-16		R3101210	FK30901	DISC, ASSY-LP COMPRESSOR	CTDK7525		13650 *	52932	13244		406
3	72-32-31		R3201080	FK24100	ROTOR-ASSY OF,STAGE 1-8 DISCS,IP COMP	MW-0089408		12500 *	38644	10249		2251
4	72-33-21		R3301260	FW18545	SHAFT ASSY-IP COMP REAR	DAVN1313		15000 *	41005	9545		5455
5	72-41-31		R4101170	FK32580	SHAFT, ASSY OF, STG 1-4 DISCS HP COMP	RRDCDDB29022		5580 *	19529	4712		868
6	72-41-51		R4101350	FK26893	DISC ROTOR-HP TURBINE	RRSUNDC422		7000 *	19529	4712		2288
7	72-41-31		R4101370	FK27899	SHAFT-ASSY OF, STG 5-6 DISCS HP COMP	RRDCDDB30314		5000 *	19529	4712		288
8	72-51-31		R5101150	FK33049	DISC ROTOR IP TURBINE	RRSUNDC252		11610 *	19529	4712		6898
9	72-51-33		R5101185	FW18550	SHAFT, ROTOR-IP TURBINE	PBAP441		15000 *	52932	13244		1756
10	72-52-33		R5201200A	FK26159	SHAFT ASSY-LP TURBINE	BBAP633		15000 *	59457	12831		2169
11	72-52-31		R5201300	FK24971	DISC, ROTOR - LP TURBINE - STAGE 1	CREW2765		15000 *	59457	12831		2169
12	72-52-31		R5201350	FK26625	DISC, ROTOR - LP TURBINE - STAGE 2	CREW2561		15000 *	59457	12831		2169
13	72-52-31		R5201470	FK26626	DISC, ROTOR - LP TURBINE - STAGE 3	CREW2651		15000 *	59457	12831		2169
14	72-52-31		R5201650	FK23210	DISC, ROTOR - LP TURBINE - STAGE 4	CREW2061		15000 *	59457	12831		2169

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 777-212ER

Registration:

N826KW

MSN: 28521

Engine Designation:

TREN 800

DoM: MAC/2001



ENGINE POSITION #2

Serial Number	51064	Installation Date	18 Jun 2020	Manufacture	Rolls Royce
TSN	66,843	TSLSV	7	Model	Trent 800
CSN	15,256	CSLSV	2	Thrust Rating	92,940 lbs
Status As Of	06 Aug 2021	LLP Limiter			

LLP REFER TABEL 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 59772 / 18211

Engine Description : ENGINE

Part Number : TRENT884-17 Remarks : TSLV / CSLV : 7 / 2

Aircraft Reg : HS-XBA Serial number : 51064 IIN : R0000

TSN / CSN : 66843 / 15256 Position : 2 Date Installed : 18-Jun-2020

Item Chapter	ATA No	Position	IIN	Part Number	Part Description	Serial Number	TSO# LL(HR)	CSO# LL(CYC)	TSN	CSN	Available Hours
1	72-31-20		R3101170	FK20839	SHAFT, ROTOR-LP COMPRESSOR	PBAN3659		15000*	15932	2628	12372
2	72-31-16		R3101210	FK30901	DISC, ASSY-LP COMPRESSOR	RRSUNDN174		13650***	15932	2628	11022
3	72-32-31		R3201080	FK24100	ROTOR-ASSY OF,STAGE 1-8 DISCS,IP COMP	MW0401412		13183***	30948	6895	6288
4	72-33-21		R3301260	FW18545	SHAFT ASSY-IP COMP REAR	DAVN2088		15000*	30948	6895	8105
5	72-41-31		R4101170	FK32580	SHAFT, ASSY OF, STG 1-4 DISCS HP COMP	RRDCDD007245		5852***	15932	2628	3224
6	72-41-51		R4101350	FK26893	DISC ROTOR-HP TURBINE	RRSUNDR609		7000*	15932	2628	4372
7	72-41-31		R4101370	FK27899	SHAFT-ASSY OF, STG 5-6 DISCS HP COMP	RRDCDD007995		5000*	15932	2628	2372
8	72-51-31		R5101150	FK33049	DISC ROTOR IP TURBINE	RRSUNDG835		11779***	15932	2628	9151
9	72-51-33		R5101185	FW18550	SHAFT, ROTOR-IP TURBINE	PBAP797		15000*	44326	10424	4576
10	72-52-33		R5201200A	FK26159	SHAFT ASSY-LP TURBINE	DJBAP0270		15000*	15932	2628	12372
11	72-52-31		R5201300	FK24971	DISC, ROTOR - LP TURBINE - STAGE 1	CREW12362		15000*	15932	2628	12372
12	72-52-31		R5201350	FK26625	DISC, ROTOR - LP TURBINE - STAGE 2	CREW12626		15000*	15932	2628	12372
13	72-52-31		R5201470	FK26626	DISC, ROTOR - LP TURBINE - STAGE 3	CREW12824		15000*	15932	2628	12372
14	72-52-31		R5201650	FK23210	DISC, ROTOR - LP TURBINE - STAGE 4	CREW12621		15000*	15932	2628	12372

Note : # -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 777-212ER

Registration:

N826KW

MSN: 28521

Engine Designation:

TRENT 800

DoM: MAC/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	Avtech	1200008-000		1
23	Solid State Cockpit Voice Recorder	Honeywell	2100-1020-00	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	965-0976-003-212-212		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	TLS755-01-5101A		3
34	TCAS Processor TCAS	Honeywell	940-0351-001		1
34	VOR Navigation Receiver	Honeywell	066-50008-0406 066-50008-0405		2
34	Weather Radar Transceiver	Honeywell	2041220-0412	Weather Radar Receiver/Transmitter	1
34	Mode Control Panel	Rockwell Collins	822-1494-101		1
28	Fuel Quantity Processor Unit		0320KPU01		1
34	SATCOM	Rockwell Collins	822-2023-002		1
34	QAR		2248000-62		1
23	Wifi (CELL MODEM)	PANASONIC	N/A		

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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	323
2520	Passenger Seat - Single - Business Class	TBA		
2520	Passenger Seat - Double - Business Class			
2520	Passenger Seat - Double - Economy Class			
2520	Passenger Seat - Triple - Economy Class			

Description	Manufacturer	Part Number	Remarks	QTY
Configuration				
2530	Galley A1			1
2530	Galley A2			1
2530	Galley A3			1
2530	Galley A4	(AWAITNG DATA)		1
2530	Galley 4A-1R			1
2530	Galley F1			1
2530	Galley F3			1
2530	Galley F5			1

LOPA : TBA