



Asset Complete Specification

Manufacturer:	Boeing - Boeing Commercial Airplane Group
Model Designation:	B777-212ER
Serial Number:	28526
Registration:	N829KW



Current Status: **Available**

A/C Type: Boeing 777-212ER
MSN: 28526
DoM: JUL/2001

Registration: N829KW
Engine Designation: TREN 800



Current Lessee:

Registration Current : N829KW
 Operating Time as at : 09 Sep 2021
 Date of Manufacturing : Jul/2001
 Model Designation : 777-212ER
 Flight Hours : : 81,398
 Flight Cycle : : 12,731

Asset Specific Data

Asset Model Designation	B777-212ER	
ATA	Description	Comment
General Information		
Line Number	355	
Production (Variable) Number	WB203	
Certification Bases		
Type Certificate Data Sheet	T00001SE AND E00050EN	
Configuration		
Aircraft Configuration	26J / 245Y	
2520 Cabin Attendant Seats	14	
2510 Cockpit Observer Seats	2	
2520 Passenger Seat Pitch	51", 33", 32"	Business Class 51", Economy 32" & 33"
2530 Galley Locations	Galleys F1, F3, F5, A-1, A-2, A-3, A-4, A-5, AS-1, AS-2	Galleys F1, F3 & F5 in forward cabin, Galleys A-1, A-2, A-3, A-4, A-5, AS-1, AS-2 in aft cabin.
Galley Standart / ATLAS/KSSU		
2540 Lavatory Locations	Lavs 2A-RC, 2A-LC, 3F-1R, 3A-1R, 3F-LC, 3A-RC, 3A-LC, 3F-1L	Lavs 2A-RC, 2A-LC forward cabin, Lavs 3F-1R, 3A-1R, 3F-LC, 3A-RC, 3A-LC, & 3F-1L in aft 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 777-212ER

Registration:

N829KW

MSN: 28526

Engine Designation:

TREN 800

DoM: JUL/2001



Asset Model Designation

B777-212ER

ATA	Description	Comment
OPS Data		
	Extended-range Twin-engine Operations Minutes	Yes 180-minutes
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 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: Description:	Current	
	(kg)	(lb)
Maximum Take Off Weight	251,740	555,000
Maximum Taxi Weight	252,650	557,000
Maximum Zero Fuel Weight	195,040	430,000
Maximum Landing Weight	208,650	460,000

A/C Type: Boeing 777-212ER
MSN: 28526
DoM: JUL/2001

Registration: N829KW
Engine Designation: TREN 800



Major Components

Description	Position	Type	Part No	Serial No	TSN	CSN	Date
-------------	----------	------	---------	-----------	-----	-----	------

Airframe

Airframe for B777			AIRFRAME	28526	81,389	12,731	01/Oct/2021
-------------------	--	--	----------	-------	--------	--------	-------------

Manufacturer: Boeing - Boeing Commercial Airplane Group

Engine General

Engine	Left	RB211	TRENT892-17	51181	67,022	14,200	01/Oct/2021
--------	------	-------	-------------	-------	--------	--------	-------------

Status: On Aircraft

Manufacturer: Rolls Royce

Engine General

Engine	Right	RB211	TRENT892-17	51313	50,967	15,868	01/Oct/2021
--------	-------	-------	-------------	-------	--------	--------	-------------

Status: On Aircraft

Manufacturer: Rolls Royce

Main Landing Gear

Main Landing Gear	Left		161W1000-41	MC0737P0354	82,160	12,904	25/Aug/2021
-------------------	------	--	-------------	-------------	--------	--------	-------------

Status: On Aircraft

Manufacturer: Boeing - Boeing Commercial Airplane Group

A/C Type: **Boeing 777-212ER**
MSN: **28526**
DoM: **JUL/2001**

Registration: **N829KW**
Engine Designation: **TREN 892**



Major Components

Description	Position	Type	Part No	Serial No	TSN	CSN	Date
Main Landing Gear							
Main Landing Gear	Right		161W1000-42	MC0736P0353	82,160	12,904	25/Aug/2021

Status: On Aircraft

Manufacturer: Boeing - Boeing Commercial Airplane Group

Nose Landing Gear

Nose Landing Gear	Nose		162W1000-15	MC0363P0353	82,160	12,904	25/Aug/2021
-------------------	------	--	-------------	-------------	--------	--------	-------------

Status: On Aircraft

Manufacturer: Boeing - Boeing Commercial Airplane Group

APU - Engine

(APU hrs/cyc)

APU		GTCP331-500B	3800550-1	P-1446	37,057	21,644	25/Aug/2021
-----	--	--------------	-----------	--------	--------	--------	-------------

Status: On Aircraft

Manufacturer: Honeywell

A/C Type: Boeing 777-212ER
MSN: 28526
DoM: JUL/2001

Registration: N829KW
Engine Designation: TREN 800



Maintenance Status History

- C6 CHECK UNLISTED 16/JUN/2019
- A06 CHECK UNLISTED 20/DEC/2016

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	MC0363P0353	MC0737P0354	MC0736P0353
TSN	82,160	82,160	82,160
CSN	12,904	12,904	12,904
Installation Date	12 Aug 2010	10 Aug 2010	10 Aug 2010
TSO	40,430	40,430	40,430
CSO	6,547	6,547	6,547
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	25 Aug 2021	Installation Date	17 Jul 2018
Type / Model	GTCP331-500B	TSN	37,057	TLSLV	5,554
Serial Number	P-1446	CSN	21,644	CSLSV	1,303
Program Basis	On Condition	LLP Limiter	tba		

A/C Type: Boeing 777-212ER

Registration:

N829KW

MSN: 28526

Engine Designation:

TREN 800

DoM: JUL/2001



ENGINE POSITION #1

Table with 6 columns: Serial Number, Installation Date, Manufacture, TSN, Model, CSN, Thrust Rating, Status As Of, LLP Limiter, Engine Control. Values include 511181, 30 Mar2020, Rolls Royce, 67,022, Trent 800, 14,200, 92,940 lbs, 30 Aug 2020, LLP Limiter, FADEC.

Main LLP table with 6 columns: LLP Descriptor, LLP Part Number, LLP Serial Number, TSO#LL(HR) 30/Aug/2021, CSO#LL(CYC) 30/Aug/2021, AIRFRAME DUE CYCLE. Rows include SHAFT, ROTOR-LP COMPRESSOR, DISC, ASSY-LP COMPRESSOR, ROTOR-ASSY OF, STAGE 1-8 DISCS, IP 8322 COMP, etc.

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.

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**
 MSN: **28526**
 DoM: **JUL/2001**

Registration: **N829KW**
 Engine Designation: **TREN 800**



ENGINE POSITION #2

Serial Number 51313 Installaiton Date 02 Apr 2020 Manufacture Rolls Royce
 TSN 58,967 TSLSV 6,515 Model Trent 800
 CSN 15868 CSLSV 2,299 Thrust Rating 92,940 lbs
 Status As Of 30 Aug 2020 LLP Limiter Engine Control FADEC

LLP Descriptor	LLP Part Number	LLP Serial Number	TSO#LL(HR) 16/Aug/2021	CSO#LL(CYC) 30/Aug/2021	AIRFRAME DUE CYCLE
SHAFT, ROTOR-LP COMPRESSOR	FK20839	PBAN3971		15000*	11854
DISC, ASSY-LP COMPRESSOR	FK30901	RRSUNDP678		15000*	10504
ROTOR-ASSY OF,STAGE 1-8 DISCS,IP 8322 COMP	FK24100	RRDCDDMW0452733		12901***	5208
SHAFT ASSY-IP COMP REAR	FW18545	RRDSFTDAVN2380		15000*	7307
SHAFT, ASSY OF, STG 1-4 DISCS HP 1403 COMP	FK88723	RRDCDDMW0446546		9185***	1550
DISC ROTOR-HP TURBINE	FK26893	RRSU02C688		7000*	4701
SHAFT-ASSY OF, STG 5-6 DISCS HP 272 COMP	FK27899	RRDCDD013601		5000*	1854
DISC ROTOR IP TURBINE	FK33049	RRSUNDP519		11610*	8353
SHAFT, ROTOR-IP TURBINE	FW18550	PBAP1784		15000*	11743
SHAFT ASSY-LP TURBINE	FK26159	DJBAP0269		15000*	11854
DISC, ROTOR - LP TURBINE - STAGE 1	FK24971	CREW7288		15000*	7307
DISC, ROTOR - LP TURBINE - STAGE 2	FK26625	CREW12349		15000*	11854
DISC, ROTOR - LP TURBINE - STAGE 3	FK26626	CREW11114		15000*	11854
DISC, ROTOR - LP TURBINE - STAGE 4	FK23210	CREW12620		15000*	11854
DISC, ROTOR - LP TURBINE - STAGE 5	FK24200	CREW12680		15000*	11854
BLADE, LP COMPRESSOR	FW29479	RRWCFBRRGG31258		15000*	10686
BLADE, LP COMPRESSOR	FW29479	RRWCFBRRGG31292		15000*	10686
BLADE, LP COMPRESSOR	FW29479	RRWCFBRRGG31141		15000*	10686
BLADE, LP COMPRESSOR	FW29479	RRWCFBRRGG31100		15000*	10686
BLADE, LP COMPRESSOR	FW29479	RRWCFBRRGG31151		15000*	10686
BLADE, LP COMPRESSOR	FW29479	RRWCFBRRGG31132		15000*	10686
ANNULUS FILLER, LP COMPRESSOR	FW32707	202542P494882-1		6700 *	4401
ANNULUS FILLER, LP COMPRESSOR	FW32707	202542P575626-4		6700 *	6473
ANNULUS FILLER, LP COMPRESSOR	FW32707	202542P498851-2		6700 *	4401
ANNULUS FILLER, LP COMPRESSOR	FW32707	202542P496733-3		6700 *	4401
ANNULUS FILLER, LP COMPRESSOR	FW32707	202542P494876-5		6700 *	4401
ANNULUS FILLER, LP COMPRESSOR	FW32707	202542P492516-3		6700 *	4401
ANNULUS FILLER, LP COMPRESSOR	FW32707	202542P496735-1		6700 *	4401

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

A/C Type: Boeing 777-212ER

Registration:

N829KW

MSN: 28526

Engine Designation:

TRENT 800

DoM: JUL/2001



Configuration Components

	Description	Manufacturer	Part Number	Remarks	QTY
Avionics					
22	Flight Director Computer	Rockwell Collins	822-2023-002	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	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	2100-4043-00		1
34	ADF Receiver	Honeywell	066-50014-0101		2
34	Air Data Inertial Reference Unit	Honeywell	HG2040AD02		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	965-0976-003-212-218		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 066-50029-1201		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 066-50008-0406	Weather Radar Receiver/Transmitter	2
34	Mode Control Panel		TBA		
28	Fuel Quantity Processor Unit		0320KPU01		1
34	Satcom		TBA		
34	QAR		2248000-62		1
23	Wi-fi (Cell Modem)	Panasonic	N/A		1

A/C Type: Boeing 777-212ER

Registration:

N829KW

MSN: 28526

Engine Designation:

TRENT 800

DoM: JUL/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	271
2520	Passenger Seat - Single - Business Class	Jamco	JS294B19311-xxx	12
2520	Passenger Seat - Double - Business Class	Jamco	JS294B19311-xxx	14
2520	Passenger Seat - Double - Economy Class	WEBER	877646-xxx	8
2520	Passenger Seat - Triple - Economy Class	WEBER	877646-xxx	237
2520	Crew Bunk/ Rest		Not Installed	

Description	Manufacturer	Part Number	Remarks	QTY
Configuration				
2530	Galley A1	Jamco	TBA	1
2530	Galley A2	Jamco		1
2530	Galley A3	Jamco		1
2530	Galley A4	Jamco		1
2530	Galley A5	Jamco		1
2530	Galley AS-1	Jamco		1
2530	Galley AS-2	Jamco		1
2530	Galley F1	Jamco		1
2530	Galley F3	Jamco		1
2530	Galley F5	Jamco		1