

Technical Specification

GENERAL DESCRIPTION

Aircraft Type	Serial Number:	Registration	Date of Manufacture:	Engine Type	Total FH:	Total FC:	Status As Of:	FH:FC Ratio
B737-800	XXXXX	XXXXX	12 Jan 16	CFM56-7B24E	16,861	13,605	31 Mar 2023	1.24

CONFIGURATION

Aircraft Configuration:	8J/158Y	Cockpit Configuration:	EFIS
Cabin Configuration:	Business: 8, Economy: 158	Approach / Landing Category:	Cat IIIb
Seat Manufacturer:	Business: Zodiac UK, Economy: Recaro	Noise Compliance:	IV
Cabin Attendant Seats:	5 (2F/3A)	ETOPS Configuration:	0
Flight Deck Observers:	1	Winglets:	Yes
Galleys:	G1, G2 & G4D	Lavatories:	LA & LB
Catering Standard:	ATLAS	IFE:	PSU LCDs / Passenger Seat USB Power

WEIGHTS AND CAPACITY

	Pounds	Kilograms	US Gallons
Maximum Taxi Weight:	157,000	71,214	
Maximum Takeoff Weight:	156,500	70,987	
Maximum Landing Weight:	144,000	65,317	
Zero Fuel Weight:	136,000	61,688	
Operating Empty Weight:	91,800	41,640	
Standard Fuel Capacity:	45,831	20,789	6,865

MODIFICATIONS

Boeing Sky Interior	No	OHSB Boeing BigBins	Yes
8.33 KHz FM Spacing	Yes	FM Immunity	Yes
TCAS 7.1	Yes	EGPWS	Yes
ADS-B 260B	No	Aircraft RNP Capability	Yes
RVSM Approved	Yes	Predictive Windshear Activation	Yes
Integrated Secondary Flight Display	Yes	2 Hr SSCVR	Yes
Fixed ELT	Yes	Auto/Portable ELT	Yes
Reinforced Cockpit Door	Yes	Cockpit Door Surveillance Video	Yes
Overhead Life Raft Storage	Yes	Fuel Tank Inerting System	Yes
Ozone Converters	Provisions Only	Forward Cargo Loading System	No
Aft Cargo Loading System	Yes	CPDLC / ATN Capability	No
8.8 KHz (LF) ULD	No	Brake Units	Carbon

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AVIONIC EQUIPMENT

ATA	Type	Manufacturer	Part Number	Qty
22	Mode Control Panel - Autopilot	Rockwell Collins	822-1567-102	1
22	Flight Control Computer	Rockwell Collins	822-1604-152	2
23	HF Comm Transceiver	Not Installed/Active	Not Installed	0
23	VHF Comm Transceiver	Rockwell Collins	822-1287-101	3
23	PA Amplifier	Rockwell Collins	622-5342-101	1
23	PRAM	Panasonic Avionics Corp	RDAX7370-01	1
23	Cockpit Voice Recorder	L3 Communications Corp	2100-1025-22	1
23	Fixed ELT	Artex Aircraft Supplies, Inc.	453-5004	1
23	Portable ELT	ELTA	01N65920	1
23	SELCAL Decoder	Not Installed/Active	Not Installed	0
31	Flight Data Recorder	L3Harris	2100-4045-22	1
31	Digital Flight Data Acquisition Unit	Teledyne Technologies Inc	2233000-916	1
31	(Wireless) Quick Access Recorder	Teledyne Technologies Inc	2243800-364	1
31	ACARS	Not Installed/Active	Not Installed	0
34	ADIRU	Honeywell	HG2050BC04/AC11	2
34	Multi-Mode Receiver	Rockwell Collins	822-1821-002	2
34	Radio Altimeter Transceiver	Rockwell Collins	822-0334-003	2
34	Weather Radar Transceiver	Rockwell Collins	822-1710-002	1
34	TCAS Computer	Rockwell Collins	822-2911-001	1
34	ADF Receiver	Rockwell Collins	822-0299-001	2
34	EGPWS	Honeywell	69000940-102	1
34	VOR/Marker Receiver	Rockwell Collins	822-0297-001	2
34	ATC Transponder	Rockwell Collins	822-1338-005	2
34	DME Interrogator	Rockwell Collins	822-0329-001	2
34	Flight Management Computer	Smiths Industries	176200-01-01	2

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AIRFRAME

Check Name	Interval	Date	FH	FC	Next Due
ANA B737NG C Check	6,000 FH or 24 Months	15 Dec 2021	13,655	10,926	19,655 FH 16 Dec 2023
B737 NG 8/6YR Check	96 Months	Not Performed	-	-	12 Jan 2024
B737 NG 10YR Check	120 Months	Not Performed	-	-	11 Apr 2024
B737 NG 12/8YR Check	144 Months	Not Performed	-	-	12 Jan 2028
B737 NG 9.2 FLS Check	240 Months	Not Performed	-	-	12 Jan 2036

LANDING GEAR

Manufacturer:	Boeing		
Position	LH Wing Gear	Nose Gear	RH Wing Gear
Total FH:	16,412	16,412	16,412
Total FC:	13,210	13,210	13,210
Status as of:	31 Mar 2023	31 Mar 2023	31 Mar 2023
Part Number:	161A1100-67	162A1100-16	161A1100-68
Serial Number:	MAL11733Y5705	GK00144Y5705	MAL11734Y5705
Last Overhaul Date:	27 Dec 2022	27 Dec 2022	27 Dec 2022
Interval:	21,000 FC or 120 Months	18,000 FC or 120 Months	21,000 FC or 120 Months
Time Since Overhaul:	3 Months	3 Months	3 Months
Cycles Since Overhaul:	557	557	557
Next Overhaul Date:	27 Dec 2032	27 Dec 2032	27 Dec 2032
Cycles Remaining:	20,443	17,443	20,443

APU

Contracted

Manufacturer:	Honeywell	Last Shop Visit:	27 Apr 2019	Reason for Last SV:	Preventive Action (MSA)
Model Number:	GTCP131-9B	APU FH at SV:	6,894	APU FH Since SV:	5,665
Serial Number:	P-11120	APU FC at SV:	9,980	APU FC Since SV:	8,097
Total APU FH:	12,559	Status As Of:	31 Mar 2023	LLP Limiter:	Compressor [Multiple]
Total APU FC:	18,077			Cycles Remaining:	11,923

Technical Specification

Engine 1

Manufacturer:	CFMI	Total FH:	16,861
Model:	CFM56-7B24E	Total FC:	13,605
Serial Number:	862746	LLP Limiter	Multiple
Thrust (lbs):	24,200	Cycles Remaining	6,395
Date of Manufacture:	22 Nov 2015	Status As Of:	31 Mar 2023
Installed On:	62639 B737-800	Installed On Reg#	JA84AN

Last Shop Visit

Date of Last Shop Visit:	Not Performed	Maintenance Facility:	
Total FH at Shop Visit:	-	FH Since Last Shop Visit:	-
Total FC at Shop Visit:	-	FC Since Last Shop Visit:	-

LLP Listing

Status As of 31 Mar 2023					CFM56-7B24E	
Module	LLP	Part Number	Serial Number	Total Cycles Used	Cycles Limit at Current Power Rating	Cycles Remaining at Current Power Rating
LPC	Fan Disk	340-000-420-0	DN834011	13,605	30,000	16,395
LPC	Fan Booster Spool	340-000-816-0	DN043890	13,605	22,900	9,295
LPC	Fan Shaft	335-006-414-0	DK200578	13,605	30,000	16,395
HPC	HPC Forward Shaft	1386M56P03	GWN102WN	13,605	20,000	6,395
HPC	HPC Stages 1-2 Spool	1558M31G07	GWN103DM	13,605	20,000	6,395
HPC	HPC Stage 3 Disk	2116M23P01	XAEGD572	13,605	20,000	6,395
HPC	HPC Stages 4-9 Spool	2048M20G04	GWN1035J	13,605	20,000	6,395
HPC	HPC Compressor Rear (CDP) Air Seal	2116M25P01	GFFJ6R0	13,605	20,000	6,395
HPT	HPT Front Shaft	2048M21P03	XAEGA496	13,605	20,000	6,395
HPT	HPT Front Air Seal	2410M50P02	TMT4AG67	13,605	20,000	6,395
HPT	HPT Disk	2410M49P02	GWN103JG	13,605	20,000	6,395
HPT	HPT Rear Shaft	1864M90P04	TMTD2451	13,605	20,000	6,395
LPT	LPT Stage 1 Disk	340-301-001-0	DK738940	13,605	25,000	11,395
LPT	LPT Stage 2 Disk	340-301-101-0	PC280021	13,605	25,000	11,395
LPT	LPT Stage 3 Disk	340-301-201-0	PC281618	13,605	25,000	11,395
LPT	LPT Stage 4 Disk	340-301-301-0	DN305309	13,605	25,000	11,395
LPT	LPT Shaft	340-074-723-0	DH952962	13,605	25,000	11,395
LPT	LPT Rotor Support	340-301-702-0	DK908021	13,605	25,000	11,395
LPT	LPT Case	340-305-003-0	DN620690	13,605		
LPT	LPT Rear Frame	340-166-211-0	DN849920	13,605		

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Technical Specification

Engine 2

Manufacturer:	CFMI	Total FH:	16,861
Model:	CFM56-7B24E	Total FC:	13,605
Serial Number:	862747	LLP Limiter	Multiple
Thrust (lbs):	24,200	Cycles Remaining	6,395
Date of Manufacture:	23 Nov 2015	Status As Of:	31 Mar 2023
Installed On:	62639 B737-800	Installed On Reg#	JA84AN

Last Shop Visit

Date of Last Shop Visit:	Not Performed	Maintenance Facility:	
Total FH at Shop Visit:	-	FH Since Last Shop Visit:	-
Total FC at Shop Visit:	-	FC Since Last Shop Visit:	-

LLP Listing

Status As of 31 Mar 2023					CFM56-7B24E	
Module	LLP	Part Number	Serial Number	Total Cycles Used	Cycles Limit at Current Power Rating	Cycles Remaining at Current Power Rating
LPC	Fan Disk	340-000-420-0	PC278758	13,605	30,000	16,395
LPC	Fan Booster Spool	340-000-816-0	DN043863	13,605	22,900	9,295
LPC	Fan Shaft	335-006-414-0	DK200367	13,605	30,000	16,395
HPC	HPC Forward Shaft	1386M56P03	GWN1031F	13,605	20,000	6,395
HPC	HPC Stages 1-2 Spool	1558M31G07	GWN1029G	13,605	20,000	6,395
HPC	HPC Stage 3 Disk	2116M23P01	XAEGD576	13,605	20,000	6,395
HPC	HPC Stages 4-9 Spool	2048M20G04	GWN1035H	13,605	20,000	6,395
HPC	HPC Compressor Rear (CDP) Air Seal	2116M25P01	GFF5J6PW	13,605	20,000	6,395
HPT	HPT Front Shaft	2048M21P03	XAEGA495	13,605	20,000	6,395
HPT	HPT Front Air Seal	2410M50P02	XAEFR616	13,605	20,000	6,395
HPT	HPT Disk	2410M49P02	GWN103N3	13,605	20,000	6,395
HPT	HPT Rear Shaft	1864M90P04	TMTD2418	13,605	20,000	6,395
LPT	LPT Stage 1 Disk	340-301-001-0	DK738733	13,605	25,000	11,395
LPT	LPT Stage 2 Disk	340-301-101-0	DN306133	13,605	25,000	11,395
LPT	LPT Stage 3 Disk	340-301-201-0	DN305650	13,605	25,000	11,395
LPT	LPT Stage 4 Disk	340-301-301-0	DN305522	13,605	25,000	11,395
LPT	LPT Shaft	340-074-723-0	DH952739	13,605	25,000	11,395
LPT	LPT Rotor Support	340-301-702-0	DK908093	13,605	25,000	11,395
LPT	LPT Case	340-305-003-0	DK798355	13,605		
LPT	LPT Rear Frame	340-166-211-0	DN849915	13,605		

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LOPA



166 TOTAL PASSENGERS

158 ECONOMY CLASS - 31 IN. PITCH

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B737-800 MSN: XXXXX