



2017

Boeing 737-800

Specification Summary

Aircraft Details

Aircraft Type	Boeing 737-800
Date of Manufacture	2017
Configuration	186Y
Cargo	1,555 cu ft (44 cu m)
Engines (maximum thrust)	CFMI CFM56-7 27,300 lb
Maximum Range	3,115 nautical miles (5,765 km) [2-class with winglets]
Typical Cruise Speed (at 35,000 feet)	0.785 Mach

Basic Dimensions

Wing Span with Winglets	117 ft 5 in (35.8 m)
Winglets	Yes
Overall Length	129 ft 6 in (39.5 m)
Tail Height	41 ft 2 in (12.5 m)
Interior cabin Width	11 ft 7 in (3.53 m)

Technical Data

Noise Abatement Compliance	Stage III iaw ICAO Annex 16
Approach Category	Cat III B
Lavatory	3
Galleys (with chiller):	G1, G2, G4B, G7 (Britax Sell)

Airframe Data

Total Hours	0 AFTT
Total Cycles	0 Cycles

Weight & Fuel Data

Maximum Taxi Weight	168,051 lbs
Maximum Take-Off Weight	159,834 lbs
Maximum Landing Weight	144,000 lbs
Maximum Zero Fuel Weight	136,000 lbs
Operational Empty Weight	TBD
Maximum Usable Fuel Capacity	6,875 U.S. gal (26,020 L)

Maintenance Program

The Operator's approved Maintenance Schedule is to conform with the Manufacturers MPD.

Inspection	Operators Interval
C Check	6,000 Flight Hours / 4,000 Cycles, 18 Months
A Check	600 Flight Hours / 500 Cycles, 90 Days

NOTE. This specification is always subject to final correction on inspection of the available aircraft.

Engine Data

	Engine Position #1	Engine Position #2
Manufacturer	CFM	CFM
Type	CFM56-7	CFM56-7
Thrust	27,300 lb	27,300 lb
Total Hours Since New	TSN 0	TSN 0
Total Cycles Since New	TCN 0	TCN 0
TSLSV	N/A	N/A

1st LLP Limiter for Scheduled SV

Several LLP's at 17,600 CYC

Remaining CYC of 1st Limiter: 17,600 CYC

17,600 CYC

Landing Gear

	Part Number	Cyc since new
Nose Landing Gear	162A1100-13	0
Left Main Landing Gear:	161A1100-53	0
Right Main Landing Gear:	161A1100-54	0

Interval for LDG OH:

18,000 CYC or 10 Years (whichever comes first)

Remaining CYC to/Date of OH

18,000 CYC or 2024

Brakes

Honeywell, HGW

Airbourne Auxiliary Power Unit

Manufacturer	Allied Signal
Model	131-9B
Total APU Hours	0 APU Hours
Total APU Cycles	0 APU Cycles
Part Number	3800702-1
Last Shop Visit:	N/A
APU LLP OH Interval	30,000 APU CYC
Rem. APU Cycles to 1st Limiter (Compressor Rotor)	30,000 APU CYC

A 25 - Equipment & Furnishing

	Qty	Manufacturer	Part Number
Seats Tourist (Leather Covers)	186	Recaro	3510A331-XX-XXX
Galley 1, G2, G4B, G7	4	Sell	1021CXXA00000
Ovens	4	Sell	8203-XX-0000
Cargo Loading System	1	Scandinavian	38-10300-2-01
Emergency Locator (ELT)	1	Honeywell	1152682-1

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Avionics

Item	Qty	Manufacturer	Part Number
ATA 22 - Automatic Flight Controls			
Flight Control Computer	2	Rockwell Collins	822-1604-151
ATA 23 - Communication			
HF Transceiver	1	Allied Signal	964-0452-011
Transceiver VHF/COMM	3	Allied Signal	064-50000-2000
SELCAL Decoder	1	Motorola	NA138-714C
PRAM	1	Panasonic	RD-AX7360-01
ACARS, CMU MK III	1	Honeywell	7519200-921
Cockpit Door Surveillance System (CDSS)	1	Goodrich	8400K2
ATA 23 - Passenger Entertainment System - Audio			
Video System - LCD 10,4" LH	10	Panasonic	RD-AA902705-01
Video System - LCD 10,4" RH	10	Panasonic	RD-AA902704-01
Video Service Control Unit (VSCU)	1	Panasonic	RD-AV3007-05
Video Reproducer HI8	1	Panasonic	RD-AV1217-01
CD Reproducer, Audio	1	Panasonic	RD-AX7095-01
Air Track	1	TBD	TBD
ATA 27 - Flight Controls			
Stall Management Computer	2	CAS	285A1010-9
ATA 31 - Indication and Recording System			
Flight Data Recorder	1	Allied Signal	980-4700-042
Cockpit Voice Recorder	1	Allied Signal	980-6022-001
DFDAU, ARINC 717	1	Allied Signal	967-0212-050
Printer Multi-Port FANS	1	Allied Signal	8055515-4507
Common Display Sys.	2	Honeywell	4081600-940
Common Display DU	6	Honeywell	S242A801-2100
ATA 34 - Navigation			
Multi Mode Receiver ILS/GPS	2	Rockwell Collins	822-1821-330
Weather Radar (WRX)	1	Rockwell Collins	822-1710-002
TCAS 2000	2	Honeywell	7517900-10004
ATC-Mode S Transponder	2	Honeywell	7517800-10006
Radio Altimeter (LRRA)	2	Allied Signal	9599-607-19993
EGPWS	1	Allied Signal	965-1690-052
ADIRU	2	Honeywell	HG2050AC07
FMC	2	Smiths	176200-01-01
MCDU	2	Smiths	S242A600-2001
VOR Marker Beacon	2	Allied Signal	066-50012-0101
DME	2	Allied Signal	066-50013-0101
ADF	1	Allied Signal	066-50014-0101
Airborne Data Loader	1	Allied Signal	964-0401-017

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