



# Boeing 737-8LD

## Preliminary Specification

General Aircraft Description	
Description	Details
Manufacturer / Model	Boeing / 737-8LD
Serial Number	
Engine Model	CFM56-7B26E
Airframe Registration	
Line Number	
Variable Number	YS377
Date of Manufacture	Feb 2016
Type Certificate Number	A16WE
Max Operating Altitude	41,000 ft
ETOPS Capable	Yes
Current ETOPS approval	Maintained at 120 Minutes
Winglets	Yes (Split Scimitar)
Interior	Boeing Sky Interior
Noise Compliance	Chapter 4
Max Certified LOPA	189Y
Current LOPA	Business – 28 Economy – 132
Registered Owner	Nedbank
Registered Country	South Africa
Current Operator	Comair Ltd (BA Livery)

Hours and Cycles			
	As Of Date	Hours (TSN)	Cycles (CSN)
Airframe	13 Jun 2022	13,751	8,767
Engine S/N - 862845	09 May 2022	14,082	8,990
Engine S/N - 862782	09 May 2022	14,431	9,164

Landing Gears			
	As Of Date	Hours (TSO)	Cycles (CSO)
Landing Gear S/N – GK000206Y5770	13 Jun 2022	13,751	8,767
Landing Gear S/N – MAL11867Y5770	13 Jun 2022	13,751	8,767
Landing Gear S/N – MAL11868Y5770	13 Jun 2022	13,751	8,767

Current Certified Operating Design Weights		
Weights	Pounds	Kilograms
Maximum Taxi Gross Weight	168,270	76,326
Maximum Take-Off Weight	167,772	76,100
Maximum Landing Weight	146,300	66,360
Maximum Zero Fuel Weight	138,300	62,731

ATA Chapter 5 - Maintenance Schedules and Status in accordance with Boeing MPD As of Date: 31 May-2022			
Check	Description		
12M Check (Sabena/CAW AMP)	12 Month Check		
12 months	Date	Total Time	Total Cycles
Last Accomplished	May 2022	13,751	8,767
Time Since	13 June 2022	0	0
Next Due	May 2023	-	-
Check	Description		
C Check (per Sabena/CAW AMP)	C Check		
36 months/6600 Cycles	Date	Total Time	Total Cycles
Last Accomplished (Ongoing)	May 2022	8,183	5,692
Time Since	13 June 2022	0	0
Next Due	May 2025	-	15,367

ATA Chapter 22 - Auto Flight			
Description	Qty	Manufacturer	Part Number
Flight Control Computer	2	Rockwell Collins	822-1604-102
Auto-Flight Status Annunciator	2	Aerospace Ltd.	D434-56-001

ATA Chapter 23 - Communications			
Description	Qty	Manufacturer	Part Number
HF TRANSCEIVER	1	Honeywell	964-0452-011
VHF TRANSCEIVER	3	Honeywell	965-1696-021
COCKPIT VOICE RECORDER	1	Honeywell	980-6032-001
ATC Transponder	2	Honeywell	9008000-10000

ATA Chapter 25 – Equipment and Furnishings			
Description	Class	Manufacturer	Part Number
Passenger Seat	Business	BE Aerospace Spectrum	1052987-XXXX
Passenger Seat	Economy	BE Aerospace Pinnacle	1015326-XXXX
Description	Location	Manufacturer	Part Number
Galley	G1	Driesen	501510-4601A-29
Galley	G2/G2A	Driesen	501521-401
Galley	G4/G4B	Driesen	501498-1

ATA Chapter 28 Fuel			
Fuel Tanks	Fuel Capacity Pounds	Fuel Capacity Kilograms	Maximum Usable Fuel US Gallons
Right Wing Main (Maximum Usable)	9,144 lbs.	4,147 kg	N/A
Left Wing Main (Maximum Usable)	9,144 lbs.	4,147 kg	N/A
Centre Main (Maximum Usable)	30,522 lbs.	13,843 kg	N/A
Fuel Quantity Indication Units:	Kilograms		
Fuel Quantity Drip Sticks Calibration:	Other		
Nitrogen Generation System	Installed		

ATA Chapter 31 - Indicating and Recording System			
Description	Qty	Manufacturer	Part Number
DFDAU	1	Honeywell	967-0212-058
Solid State FDR	1	Honeywell	980-4750-009

ATA Chapter 32 - Landing Gear			
Nose Gear Description	P/N: 162A1100-14		S/N: GK000206Y5770
	As Of Date	Cycles	CSO
Time at Installation	February 2016	0	8,767
Last Overhaul Date	-	-	
Overhaul Interval	10 Years	18,000	
Overhaul Due Date	February 2026	-	
Left Main Description	P/N: 161A1100-67		S/N: MAL11867Y5770
	As Of Date	Cycles	CSO
Time at Installation	February 2016	0	8,767
Last Overhaul Date	-	-	
Overhaul Interval	10 Years	21,000	
Overhaul Due Date	February 2026	-	
Right Main Description	P/N: 161A1100-68		S/N: MAL11868Y5770
	As Of Date	Cycles	CSO
Time at Installation	February 2016	0	8,767
Last Overhaul Date	-	-	
Overhaul Interval	10 Years	21,000	
Overhaul Due Date	February 2026	-	

ATA Chapter 34 - Navigation			
Description	Qty	Manufacturer	Part Number
Radio Altimeter	2	Honeywell	066-50007-0531
Multi-Mode Receiver	2	Honeywell	822-1821-332
DME Interrogator	2	Honeywell	066-50013-0111
ADF Receiver	1	Honeywell	066-50014-0101
VOR Marker Beacon	2	Honeywell	69001410-100
WXR Radar Receiver	1	Honeywell	930-2000-001
TCAS Computer	1	Honeywell	940-0351-001
ADIRU	2	Honeywell	HG2050BC02
Flight Management Computer	2	GE Aviation Systems	176200-01-01
MCDU	2	Honeywell	174101-02-03
ATC Transponder	2	Honeywell	9008000-10000

ATA Chapter 38 – Water and Waste			
Description	Qty	Manufacturer	Part Number
Lavatory A	Forward Cabin	Yokohama	D72004202-111A
Lavatory D	Aft Cabin	Yokohama	D72004852-111A
Lavatory E	Aft Cabin	Yokohama	D72001551-111A

ATA Chapter 49 Auxiliary Power Unit APU			
Description	Manufacturer	Mfg. Part No.	Mfg. S/N
Auxiliary Power Unit (APU)	Honeywell	3800702-1	P-9586
APU Status Description	As Of Date	Hours	Cycles
APU Manufactured Date	Nov 2016		
Total Time Since New (TSN)	04 May 2022	8,367	10,163
APU Last Shop Visit	13 Jun 2022	N/A	N/A
APU Time Since Last Shop Visit	13 Jun 2022	N/A	N/A
APU Time Since Overhaul (TSO)	13 Jun 2022	N/A	N/A

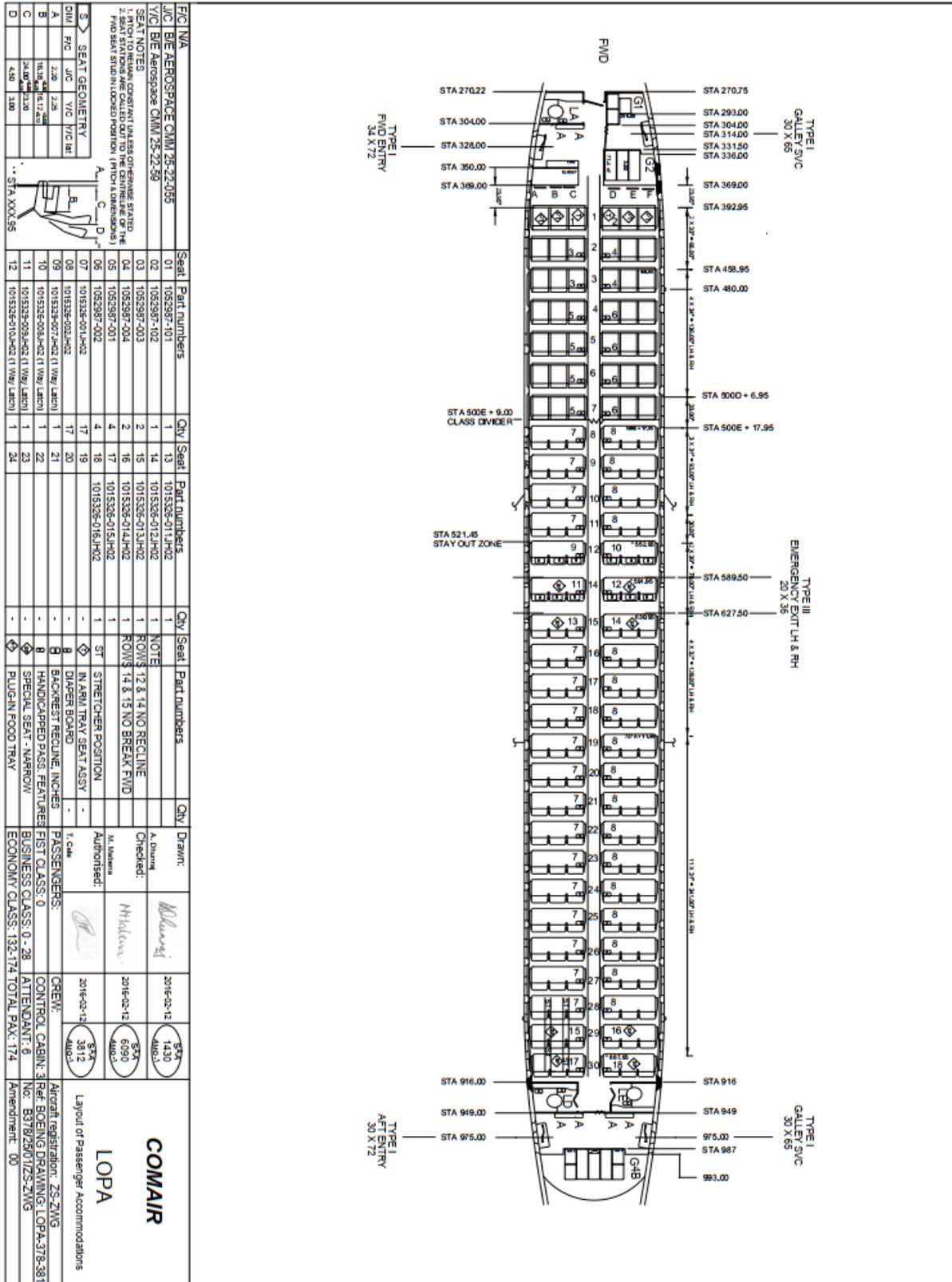
ATA Chapter 52 Doors		
Door Location	Door	Door Type
Door Exits	L1	Type I
Door Exits	R1	Type I
Door Exits	L2	Type I
Door Exits	R2	Type I
Over/Underwing Exits	Left	Type III
Over/Underwing Exits	Right	Type III

ATA Chapter 71 Engines			
Engine Model: CFM56-7B26E	ESN: 862845		
Description	As of Date	Hours	Cycles
Engine Total Time (TSN)	09 May 2022	14,082	8,990
Last Shop Visit	-	-	-
Time Since Last Shop Visit	First Run		
Cycles to Limiter:	11,010		
Take-off Thrust	26,300 lbs		
Currently Operating at Take-off Thrust	26,300 lbs		
Engine Location	Installed #1 MSN 40972		
Disk Sheet ESN 862845			
Description	Life Limit	Life Remaining	
Fan Disk	30,000	21,010	
Booster Spool	22,900	13,910	
Fan Shaft	30,000	21,010	
HPC Fwd Shaft	20,000	11,010	
Stage 1-2 Spool	20,000	11,010	
Stage 3 Disk	20,000	11,010	
Stage 4-9 Spool	20,000	11,010	
Comp Air Seal	20,000	11,010	
HPT Front Shaft	20,000	11,010	
HPT Front Air Seal	20,000	11,010	
HPT Disk	20,000	11,010	
HPT Rear Shaft	20,000	11,010	
LPT Stage 1 – 4 Disk	25,000	16,010	
LPT Conical Support	25,000	16,010	
LPT Shaft	25,000	16,010	



ATA Chapter 71 Engines			
Engine Model: CFM56-7B26E	ESN: 863782		
Description	As of Date	Hours	Cycles
Engine Total Time (TSN)	09 May 2022	14,431	9,164
Last Shop Visit	-	-	-
Time Since Last Shop Visit	First Run		
Cycles to Limiter:	10,836		
Take-off Thrust	26,300 lbs		
Currently Operating at Take-off Thrust	26,300 lbs		
Engine Location	Installed #2 MSN 40972		
Disk Sheet ESN 863782			
Description	Life Limit	Life Remaining	
Fan Disk	30,000	20,836	
Booster Spool	22,900	13,736	
Fan Shaft	30,000	20,836	
HPC Fwd Shaft	20,000	10,836	
Stage 1-2 Spool	20,000	10,836	
Stage 3 Disk	20,000	10,836	
Stage 4-9 Spool	20,000	10,836	
Comp Air Seal	20,000	10,836	
HPT Front Shaft	20,000	10,836	
HPT Front Air Seal	20,000	10,836	
HPT Disk	20,000	10,836	
HPT Rear Shaft	20,000	10,836	
LPT Stage 1 – 4 Disk	25,000	15,836	
LPT Conical Support	25,000	15,836	
LPT Shaft	25,000	15,836	

Aircraft Equipment
FM Immunity
8.33 Spacing
Autoland CAT IIIA
Dual FMS
HF – Single Installed
VHF – Triple Installed
Cockpit (Boeing) – EFIS / EICAS
Flight Deck Entry Video Surveillance Installed
Cockpit – Reinforced Door Installed from build
Galley – Driesen
Flammability Reduction System (FRS) – Installed
Split Scimitar Winglet - 737-57-V10613 (APB Split Scimitar Winglet Installation)
Enhanced Airborne Data Loader (EADL) – ST01268LA



Interior



## Exterior



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