



# **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                  | 5770                           |
| 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<br>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 | 06 Jun 2022 | 14,240      | 9,101        |
| Engine S/N - 862782 | 09 May 2022 | 14,521      | 9,279        |

| 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<br>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<br>Description      | P/N: 162A1100-14 |        | S/N: GK000206Y5770<br>CSO |
|                               | As Of Date       | Cycles |                           |
| Time at Installation          | February 2016    | 0      | 8,767                     |
| Last Overhaul Date            | -                | -      |                           |
| Overhaul Interval             | 10 Years         | 18,000 |                           |
| Overhaul Due Date             | February 2026    | -      |                           |
| Left Main<br>Description      | P/N: 161A1100-67 |        | S/N: MAL11867Y5770<br>CSO |
|                               | As Of Date       | Cycles |                           |
| Time at Installation          | February 2016    | 0      | 8,767                     |
| Last Overhaul Date            | -                | -      |                           |
| Overhaul Interval             | 10 Years         | 21,000 |                           |
| Overhaul Due Date             | February 2026    | -      |                           |
| Right Main<br>Description     | P/N: 161A1100-68 |        | S/N: MAL11868Y5770<br>CSO |
|                               | As Of Date       | Cycles |                           |
| 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   |
| MCDCU                       | 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 |



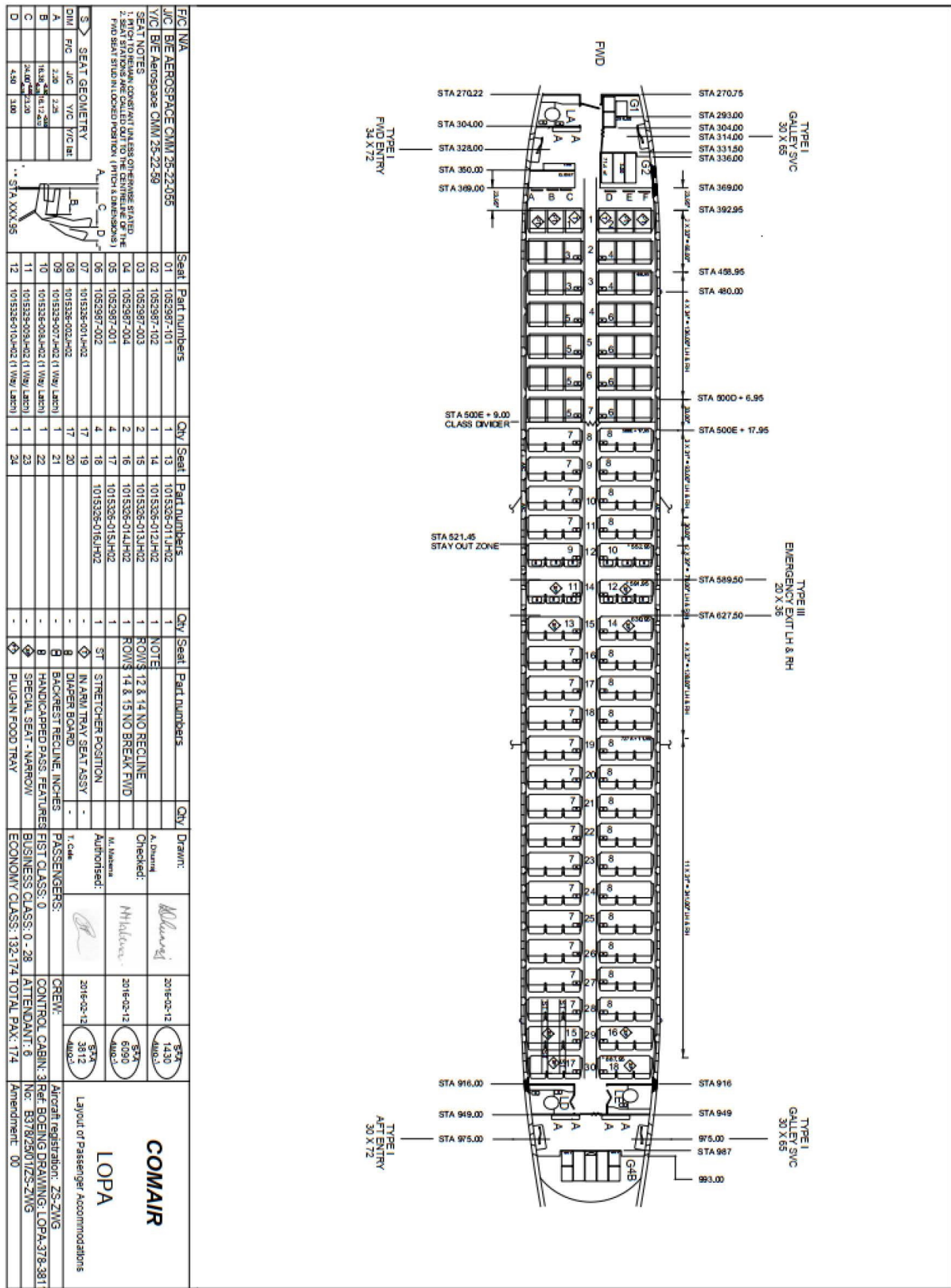
| ATA Chapter 49 Auxiliary Power Unit APU |              |               |          |
|-----------------------------------------|--------------|---------------|----------|
| Description                             | Manufacturer | Mfg. Part No. | Mfg. S/N |
| Auxiliary Power Unit (APU)              | 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)                | 06 Jun 2023            | 14,240         | 10,899 |
| Last Shop Visit                        | -                      | -              | -      |
| Time Since Last Shop Visit             | First Run              |                |        |
| Cycles to Limiter:                     | 10,899                 |                |        |
| 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                 | 20,899         |        |
| Booster Spool                          | 22,900                 | 13,799         |        |
| Fan Shaft                              | 30,000                 | 20,899         |        |
| HPC Fwd Shaft                          | 20,000                 | 10,899         |        |
| Stage 1-2 Spool                        | 20,000                 | 10,899         |        |
| Stage 3 Disk                           | 20,000                 | 10,899         |        |
| Stage 4-9 Spool                        | 20,000                 | 10,899         |        |
| Comp Air Seal                          | 20,000                 | 10,899         |        |
| HPT Front Shaft                        | 20,000                 | 10,899         |        |
| HPT Front Air Seal                     | 20,000                 | 10,899         |        |
| HPT Disk                               | 20,000                 | 10,899         |        |
| HPT Rear Shaft                         | 20,000                 | 10,899         |        |
| LPT Stage 1 – 4 Disk                   | 25,000                 | 15,899         |        |
| LPT Conical Support                    | 25,000                 | 15,899         |        |
| LPT Shaft                              | 25,000                 | 15,899         |        |

| ATA Chapter 71 Engines                 |                        |                |        |
|----------------------------------------|------------------------|----------------|--------|
| Engine Model: CFM56-7B26E              |                        | ESN: 863782    |        |
| Description                            | As of Date             | Hours          | Cycles |
| Engine Total Time (TSN)                | 09 May 2022            | 14,521         | 9,279  |
| Last Shop Visit                        | -                      | -              | -      |
| Time Since Last Shop Visit             | First Run              |                |        |
| Cycles to Limiter:                     | 10,721                 |                |        |
| 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                 | 20,721         |        |
| Booster Spool                          | 22,900                 | 13,621         |        |
| Fan Shaft                              | 30,000                 | 20,721         |        |
| HPC Fwd Shaft                          | 20,000                 | 10,721         |        |
| Stage 1-2 Spool                        | 20,000                 | 10,721         |        |
| Stage 3 Disk                           | 20,000                 | 10,721         |        |
| Stage 4-9 Spool                        | 20,000                 | 10,721         |        |
| Comp Air Seal                          | 20,000                 | 10,721         |        |
| HPT Front Shaft                        | 20,000                 | 10,721         |        |
| HPT Front Air Seal                     | 20,000                 | 10,721         |        |
| HPT Disk                               | 20,000                 | 10,721         |        |
| HPT Rear Shaft                         | 20,000                 | 10,721         |        |
| LPT Stage 1 – 4 Disk                   | 25,000                 | 10,721         |        |
| LPT Conical Support                    | 25,000                 | 10,721         |        |
| LPT Shaft                              | 25,000                 | 10,721         |        |

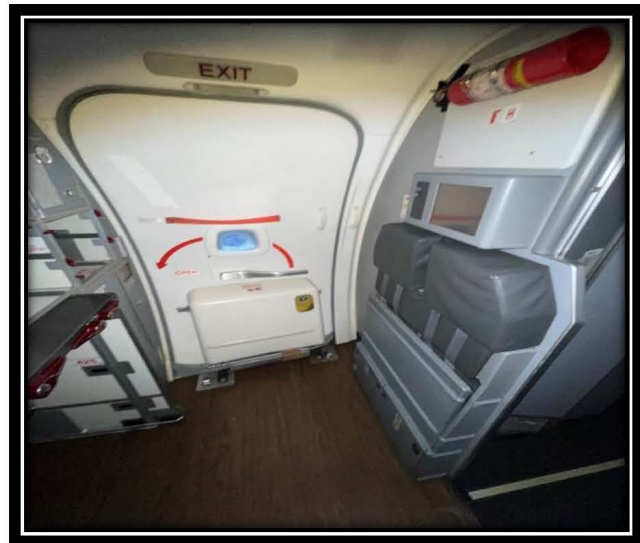
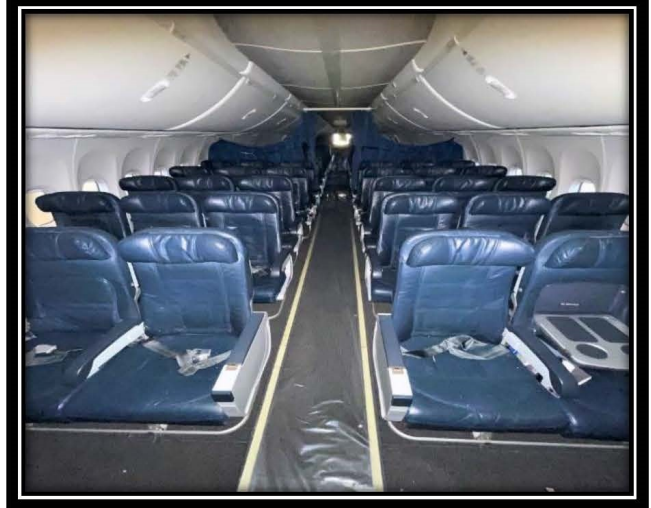
| Aircraft Equipment                                                               |
|----------------------------------------------------------------------------------|
| FM Immunity                                                                      |
| 8.33 Spacing                                                                     |
| 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                                 |





## Photos

### Interior





## Exterior



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