

# **Aircraft Specifications**

**Aircraft Type: B737-400F**

**REF : A2025-071**

**Date of Entry into Service: 26-Mar-1990**

## **1.0 GENERAL AIRCRAFT DESCRIPTION AND SUMMARY**

Manufacturer	Boeing
Model	B737-46BHGW
Entry into Service	26-Mar-1990
Time Since New (TSN) as of 1-May-2024	67,763.8
Cycles Since New (CSN) as of 1-May-2024	31,932
Last Maintenance Visit	Jan 2024
AEI Cargo Conversion Date	April 2021
Secure Cockpit Door Fitted	Yes

### *Aircraft Design Weights*

Maximum Taxi Weight	150,500 <b>lbs</b>	68,265 <b>kg</b>
Maximum Takeoff Weight	150,500 <b>lbs</b>	68,038 <b>kg</b>
Maximum Landing Weight	124,000 <b>lbs</b>	56,245 <b>kg</b>
Maximum Zero Fuel Weight	117,000 <b>lbs</b>	53,070 <b>kg</b>
Maximum Freight Weight	46,000 <b>lbs</b>	20,865 <b>kg</b>

### *Aircraft Maintenance History*

<b>Maintenance Check</b>	<b>Last Done</b>	<b>Next Due</b>
1C	Feb 2023	Feb 2025
2C	Feb 2023	Feb 2027
3C	May 2021	May 2027
4C	May 2021	May 2029
5C	May 2021	May 2031
6C	May 2021	May 2033

**2.0 AVAILABLE ENGINES**

<i>Engine Details</i>	<i>ESN 857583</i>
Manufacturer/Model	CFM56-3C-1
Current Operating Thrust	22k (Cat B)
Time Since New (TSN)	67,803.90
Cycles Since New (CSN)	39,109
Time Since Last Shop Visit (TSLSV)	25,452.90
Cycles Since Last Shop Visit (CSLSV)	14,739
Limiter	HPT Front Air Seal (970 cycles remaining)

<i>Engine Details</i>	<i>ESN 858407</i>
Manufacturer/Model	CFM56-3C-1
Current Operating Thrust	22k (Cat B)
Time Since New (TSN)	38,174.91
Cycles Since New (CSN)	32,849
Time Since Last Shop Visit (TSLSV)	1,938.71
Cycles Since Last Shop Visit (CSLSV)	1,395
Limiter	LPT Disk Stg 3 (1,576 cycles remaining)

<i>Engine Details</i>	<i>ESN 722375</i>
Manufacturer/Model	CFM56-3C-1
Current Operating Thrust	22k (Cat B)
Time Since New (TSN)	74,930.56
Cycles Since New (CSN)	46,570
Time Since Last Shop Visit (TSLSV)	4,133.15
Cycles Since Last Shop Visit (CSLSV)	2502
Limiter	HPC Stage 3 Disk (2217 cycles remaining)

<i>Engine Details</i>	<i>ESN 722346</i>
Manufacturer/Model	CFM56-3C-1
Current Operating Thrust	22k (Cat B)
Time Since New (TSN)	62,092.0
Cycles Since New (CSN)	44,328
Time Since Last Shop Visit (TSLSV)	4,133.0
Cycles Since Last Shop Visit (CSLSV)	2502
Limiter	HPT Disk (2254 cycles remaining)

## Aircraft Specifications

### 3.0 LANDING GEAR

<i>Position</i>	<i>Nose</i>	<i>Left Main</i>	<i>Right Main</i>
Part Number	65-73762-20	65-73761-119	65-73761-120
Serial Number	CPT2801ET	SS4765	SS4794
Next Overhaul Date	January 2026	March 2028	March 2028

### 4.0 APU

<i>APU Details (as of May 2024)</i>	
Model	APS2000
Serial Number	SP-E912045
Part Number	170101-106
Time Since New (TSN)	31,794.48
Cycles Since New (CSN)	4,6599
Time Since Last Shop Visit (TSLSV)	2,104.28
Cycles Since Last Shop Visit (CSLSV)	2,996
Limiters	Turbine Impeller (12,000 cycles remaining)

### 5.0 NOTABLE STC/MOD LIST

<i>STC/Mod Number</i>	<i>Certificate Holder</i>	<i>Description</i>
FAA STC ST01827LA	AEI	Main Deck Cargo Door Installation
FAA STC ST02319LA	Ancra International LLC	Main Deck Cargo Loading System
FAA STC ST01806LA	Ventura Aerospace	Installation of a 9g Cargo Barrier
TCCA STC C-LSA11-115/D	Flair Airlines Ltd.	Skytrak ISAT-200 Satcom System
FAA STC ST04020NY	Kelowna Flightcraft Ltd.	ADS-B Out
FAA STC ST00404LA-D	Ontic Engineering (Hollingshead)	Lower Cargo Smoke Detection & Fire Suppression
FAA STC ST01335LA	C&D Interiors	Reinforced Cockpit Door
FAA STC ST03354AT	ARC Avionics Corporation	Universal Avionics Class "A" TAWS
FAA STC ST03355AT	ARC Avionics Corporation	Universal Avionics EFIS
FAA STC ST03874NY	Corporation Logic Air Inc.	Installation of 2 <sup>nd</sup> FMC
FAA STC ST03273NY	Corporation Logic Air Inc.	Installation of Dual CMC GLS with CMA-5024 GLSSU Sensors and Dual CMC CMA-5025 Control Panels
FAA STC ST01187CH	EAC North America	TCAS II (Upgraded to 7.1 by STC ST00881WI-D)

**6.0 PALLET CONFIGURATION FREIGHTER POSITION WEIGHTS AND CONTAINERS**

<i>Main Deck Usable Volume</i>		<i>Lower Deck Usable Volume</i>	
<b>10 ULD's - 88"x125"x82"H</b>	<b>4,572 FT<sup>3</sup></b>	Forward lower cargo compartment	<b>582 FT<sup>3</sup></b>
1 ULD – 53"x88"x64"	(129 M <sup>3</sup> )		(16.4 M <sup>3</sup> )
<b>10 Netted Pallets 88"x125"</b>	<b>4,416 FT<sup>3</sup></b>	Aft lower cargo compartment	<b>674 FT<sup>3</sup></b>
1 ULD 53"x88x64"H	(125 M <sup>3</sup> )		(19.1 M <sup>3</sup> )

<i>Standard 88''x125'' Main Deck Cargo Compartment Position Weights</i>						
	<b>P1</b>	<b>P2</b>	<b>P3</b>	<b>P4</b>	<b>P5</b>	<b>P6</b>
Netted Pallet Dimensions	88"x125" 80"H	88"x125" 80"H	88"x125" 80"H	88"x125" 80"H	88"x125" 80"H	88"x125" 80"H
Container Dimensions	88"x125" 82"H	88"x125" 82"H	88"x125" 82"H	88"x125" 82"H	88"x125" 82"H	88"x125" 82"H
Container Type	AAA AAC AAY	AAA AAC AAY	AAA AAC AAY	AAA AAC AAY	AAA AAC AAY	AAA AAC AAY
Position Weight Limit	4,000 LB 1,814 KG	6,500 LB 2,948 KG	6,500 LB 2,948 KG	6,500 LB 2,948 KG	8,000 LB 3,628 KG	8,000 LB 3,628 KG
	<b>P7</b>	<b>P8</b>	<b>P9</b>	<b>P10</b>	<b>P11</b>	
Netted Pallet Dimensions	88"x125" 80"H	88"x125" 80"H	88"x125" 80"H	88"x125" 80"H	53"x88" 64"H	
Container Dimensions	88"x125" 82"H	88"x125" 82"H	88"x125" 82"H	88"x125" 82"H	53"x88" 64"H	
Container Type	AAA AAC AAY	AAA AAC AAY	AAA AAC AAY	AAA AAC AAY	LD3 AEP AEH	
Position Weight Limit	6,500 LB 2,948 KG	6,500 LB 2,948 KG	6,500 LB 2,948 KG	3,750 LB 1,700 KG	2,500 LB 1,133KG	

IATA ULD type codes are provided for reference and are based upon standard contours and dimensions. Variations in contour or dimensions may exist between various ULD manufacturers. KF Aerospace does not guarantee that all described ULDs from all manufacturers will fit within the aircraft and the aircraft operator must confirm the ULDs it plans to use will fit within the internal contour of the aircraft.

# Aircraft Specifications

