

# **Aircraft Specifications**

**Aircraft Type: B737-400F**

**RERF : A2025-073**

**Date of Entry into Service: 19-Mar-1990**

**1.0 GENERAL AIRCRAFT DESCRIPTION AND SUMMARY**

Manufacturer	Boeing
Model	B737-4K5SF
Entry into Service	19-Mar-1990
Time Since New (TSN) as of 1-May-2024	75,740.54
Cycles Since New (CSN) as of 1-May-2024	36,819
Last Maintenance Visit	24-May-2023
AEI Cargo Conversion Date	30-Jun-2021
Secure Cockpit Door Fitted	Yes

<i>Aircraft Design Weights</i>		
Maximum Taxi Weight	150,355 <b>lbs</b>	68,200 <b>kg</b>
Maximum Takeoff Weight	149,914 <b>lbs</b>	68,000 <b>kg</b>
Maximum Landing Weight	123,899 <b>lbs</b>	56,200 <b>kg</b>
Maximum Zero Fuel Weight	116,844 <b>lbs</b>	53,000 <b>kg</b>
Maximum Freight Weight	46,000 <b>lbs</b>	20,865 <b>kg</b>

<i>Aircraft Maintenance History</i>		
<b>Maintenance Check</b>	<b>Last Done</b>	<b>Next Due</b>
1C	June 2023	June 2025
2C	Sep 2021	Sep 2025
3C	Sep 2021	Sep 2027
4C	Sep 2021	Sep 2029
5C	Sep 2021	Sep 2031
6C	Sep 2021	Sep 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	T4959P2248	MC04461P2264	MC04884P2454
Next Overhaul Date	April 2025	April 2025	April 2025

### 4.0 APU

<i>APU Details (as of May 2024)</i>	
Model	GTCP85-129H
Serial Number	P-100340
Part Number	380428-10-1
Time Since New (TSN)	N/A
Cycles Since New (CSN)	63,228
Time Since Last Shop Visit (TSLSV)	N/A
Cycles Since Last Shop Visit (CSLSV)	1,405
Limiters	None

### 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 ST01827LA	Ancra International LLC	Main Deck Cargo Loading System
FAA STC ST01806LA	Ventura Aerospace	Installation of a 9g Cargo Barrier
FAA STC ST04020NY	Kelowna Flightcraft Ltd.	ADS-B Out
FAA STC ST01674AT	Advanced Aircraft Extinguishers, Ltd.	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 ST01798CH	ECS/Honeywell	Mk V EGPWS

**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	<b>582 FT<sup>3</sup></b>
1 ULD – 53"x88"x64"	(129 M <sup>3</sup> )	compartment	(16.4 M <sup>3</sup> )
<b>10 Netted Pallets 88"x125"</b>	<b>4,416 FT<sup>3</sup></b>	Aft lower cargo	<b>674 FT<sup>3</sup></b>
1 ULD 53"x88x64"H	(125 M <sup>3</sup> )	compartment	(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	88"x125"	88"x125"	88"x125"	88"x125"	88"x125"	88"x125"
Dimensions	80"H	80"H	80"H	80"H	80"H	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	88"x125"	88"x125"	88"x125"	88"x125"	53"x88"	
Dimensions	80"H	80"H	80"H	80"H	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	

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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.

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