

B737-400F OVERVIEW

B737-400F MSN



AIRCRAFT *STATUS*

B737-400F
MSN
Rev. 20
Date 30.03.2020

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SECTION 1.0 – SPECIFICATIONS /

Technical Situation as of March 30th, 2020

Designation		Data			
AIRCRAFT	<i>Aircraft Type</i>	BOEING 737			
	<i>Model</i>	B737-400F			
	<i>Manufacturer Serial Number</i>				
	<i>Year of Manufacture</i>	Sep 1995			
	<i>Actual registration</i>				
	<i>Current status</i>	Available, prolonged parking in SJK, Brazil			
	<i>Total hours</i>	51,103			
	<i>Total cycles</i>	46,114			
	<i>Max Taxi Weight</i>	139,000 LBS / 63,049 KG			
	<i>Max Gross Takeoff Weight</i>	138,500 LBS / 62,822 KG			
	<i>Max Landing Weight</i>	121,000 LBS / 54,884 KG			
	<i>Zero Fuel Weight</i>	113,000 LBS / 51,255 KG			
	<i>Basic empty weight</i>	72,076 LBS / 32,693 KG			
	<i>Payload Weight</i>	40,924 LBS / 18,562 KG (estimated)			
	<i>Fuel Capacity</i>	5,311 GAL. No AUX tanks.			
<i>Cargo Cabin</i>	PEMCO STCs SA2968SO, SA2969SO, SA2970SO – 11 positions, 10 full size pallets. G1 removed, Lav. A retained				
ENGINE	<i>Type</i>	CFM56-3C1 operated at 22,000 lbs.			
	<i>Engine Serial Number</i>		TSN	44,744	
			CSN	40,139	
			TSLPR	8,239	
			CSLPR	4,623	
			TSLSV	8,239	
			CSLSV	4,623	
		Low remaining LLP (Cat. B)	4,056 CR		
		EGT Margin. Deg C at 22K	32 (MPA, 06/10/18)		
	<i>Engine Serial Number</i>	857617	TSN	44,177	
			CSN	40,360	
			TSLPR	5,616	
			CSLPR	4,091	
			TSLSV	5,616	
CSLSV			4,091		
	Low remaining LLP (Cat. B)	3,620 CR			
	EGT Margin. Deg C at 22K	41 (MPA, 06/10/18)			
APU	<i>Type</i>	GTCP85-129H			
	<i>Serial Number</i>	P-100137			
LG's	<i>PN</i>	<i>SN</i>	<i>OH Interval</i>	<i>Last OH</i>	<i>Next OH</i>
<i>Nose</i>	65-73762-21	T5244P2533	10 YE/21 000 Cy	Oct 2017	Oct 2027
<i>Main (LH)</i>	65-73761-121	MC05049P2533	10 YE/21 000 Cy	Nov 2017	Nov 2027
<i>Main (RH)</i>	65-73761-122	MC05050P2533	10 YE/21 000 Cy	Nov 2017	Nov 2027

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DESIGNATION	DATA
<i>Painting</i>	A/C painted with Cargo Connect Airline livery
<i>Maintenance Program</i>	MSG2 Boeing MPD

Maintenance Schedule

Type of Check (Interval)	Last Done	Next Due
1C (4000 FH)	T.T: 50,227 FH / 45,816 FC 31-Aug-2018	T.T: 54,227 FH Rem.: 3,123 FH
2C (8000 FH)	T.T: 50,227 FH / 45,816 FC 31-Aug-2018	T.T: 58,227 FH Rem.: 7,123 FH
4C (16000 FH)	T.T: 50,227 FH / 45,816 FC 31-Aug-2018 T.T: 40,416 FH / 38,410 FC 04-Apr-2013	T.T: 66,227 FH Rem.: 15,123 FH T.T: 56,416 FH Rem.: 5,312 FH
6C (24000 FH)	T.T: 50,227 FH / 45,816 FC 31-Aug-2018	T.T: 74,227 FH Rem.: 23,123 FH
8C (32000 FH)	T.T: 50,227 FH / 45,816 FC 31-Aug-2018	T.T: 82,227 FH Rem.: 31,123 FH
1D (24000 FH)	T.T: 40,416 FH / 38,410 FC 04-Apr-2013	T.T: 64,416 FH Rem.: 13,312 FH
2D (48000 FH)	T.T: 40,416 FH / 38,410 FC 04-Apr-2013	T.T: 88,416 FH Rem.: 37,312 FH
SI (45 Mo)	T.T: 50,227 FH / 45,816 FC 31-Aug-2018	12-May-2022
SI (24000 FH)	T.T: 37,705 FH / 35,874 FC 22-Jan-2012	T.T: 61,705 FH Rem.: 10,601 FH

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SECTION 2.0 – AVIONIC LAYOUT

Description	Position	PART NO.	SERIAL NO.
WEATHER RADAR T/R	FWD EQ. BAY	622-5132-106	6655
AIR DATA COMPUTER #1	E1-1	4061100-901	98082336
AIR DATA COMPUTER #2	E1-1	4061100-901	98012249
AUTO THROTTLE COMPUTER	E1-1	755SUE2-4	7272
STALL MANAGEMENT COMPUTER #1	E1-1	65-52822-7	D01614
STALL MANAGEMENT COMPUTER #2	E1-1	65-52822-7	D01946
CABIN PRESSURE CONTROLLER #1	E1-1	7121-19971-01AC	9812014
CABIN PRESSURE CONTROLLER #2	E1-1	7121-19971-01AC	9611923
FLIGHT MANAGEMENT COMPUTER #1	E1-2	176200-01-01	2515
FLIGHT MANAGEMENT COMPUTER	E1-2	171497-05-01	3117
DIGITAL/ANALOG ADAPTOR #1	E1-2	DG1035AB03	95073536
DIGITAL/ANALOG ADAPTOR #2	E1-2	DG1035AB03	1496
ENGINE VIBRATION MONITOR	E1-2	241-250-000-121	EA348
IRS TRANSFER RELAY #1	E1-2	172938-001	9870
IRS TRANSFER RELAY #2	E1-2	172938-001	9878
SELCAL DECODER	E1-2	NA138-714B	706CVN0020
OPTICAL QAR	E1-3	2248000-61	1560
FLIGHT CONTROL COMPUTER A	E1-3	4051600-914	88121448
FLIGHT CONTROL COMPUTER B	E1-3	4051600-914	89111804
YAW TAMPER	E1-3	4084042-911	99030817
INTEGRATED FLIGHT SYSTEM ACCESSORY UNIT	E1-3	65-52820-2	D00783
ACARS MANAGEMENT UNIT	E2-1	2231500-6C	904
PASSENGER ADDRESS	E2-1	622-4096-001	7351
REMOTE ELECTRONICS UNIT	E2-1	5140-1-1	1570
VHF COMMUNICATION TRANSEIVER #3 (8.33KHz)	E2-1	822-1044-120	10241
VHF COMMUNICATION TRANSEIVER #1 (8.33KHz)	E2-1	822-1044-120	5863
VHF COMMUNICATION TRANSEIVER #2 (8.33KHz)	E2-1	822-1044-120	6259
ATC MODE S TRANSPONDER #1	E2-2	066-01127-1602	9675
ATC MODE S TRANSPONDER #2	E2-4	066-01127-1602	11699
ATC/TCAS CONTROL PANEL	P8	G6992-40	2511
FLIGHT DATA ACQUISITION UNIT	E2-2	2233000-43	3358
DME INTERROGATOR #1	E2-2	622-2921-006	16292
DME INTERROGATOR #2	E2-2	622-2921-006	16226
ZONE TEMP CONTROLLER #1	E2-3	622814-5	057C-1162
ZONE TEMP CONTROLLER #2	E2-3	622814-5	089C-318
EFIS SYMBOL GENERATOR #1	E2-3	622-9436-101	107958
EFIS SYMBOL GENERATOR #2	E2-3	622-9436-101	101418
RADIO ALTIMETER #1	E2-4	622-3890-021	10829
RADIO ALTIMETER #2	E2-4	622-3890-021	10074
EGPWS COMPUTER	E2-4	965-0976-003-216-216	20411
ADF RECEIVER #1	E2-4	777-1492-005	19638
ADF RECEIVER #2	E2-4	777-1492-005	19296
MARKER BEACON	E2-4	522-2996-011	19105
TRU #1	E3-1	080-20325-01	8563
TRU #2	E3-1	080-20325-01	8562
TRU #3	E3-3	080-20325-01	8506
VHF INVERTER	E3-1	1-002-0102-2089	CV001472
BATTERY CHARGER	E3-1	S282T003-3	C6084
AUTO SPEED BRAKE CONTROL UNIT	E3-2	65-84209-21	D01760
ANTI-SKID CONTROL UNIT	E3-2	42-719-02	1861
AIR CONDITIONING ACCESSORY UNIT #1	E3-2	65-52810-46	D01301

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Description	Position	PART NO.	SERIAL NO.
AIR CONDITIONING ACCESSORY UNIT #2	E3-2	65-52810-46	D02505
ENGINE ACCESSORY UNIT	E3-2	65-73606-170	D03173
OVERHEAT DETECTOR	E3-2	10-62187-1	B1142
MISC SOLID STADE SWITCH UNIT	E3-2	65-52806-385	D01067
LE FLAP/SLAT INDICATOR MODULE	E3-2	65-52807-73	D02832
APU CONTROLLER	E3-3	65-52801-67	D02487
FIRE DETECTOR	E3-3	6594-01	205R
WINDSCREEN HEAT CONTROL UNIT (RIGHT SIDE)	E3-3	10-61833-4	286
WINDSCREEN HEAT CONTROL UNIT (LEFT FRONT)	E3-3	10-61833-3	1728
WINDSCREEN HEAT CONTROL UNIT (LEFT SIDE)	E3-3	10-61833-4	1540
WINDSCREEN HEAT CONTROL UNIT (RIGHT SIDE)	E3-3	10-61833-4	811
GLOBAL NAVIGATION AND LANDING UNIT NO.1	E3-4	822-1236-001	16GDR0
GLOBAL NAVIGATION AND LANDING UNIT NO.2	E3-4	822-1236-001	16NR55
TCAS 7.1 COMPUTER	E3-4	7517900-10020	98090892
IRU NO. 1	E3-5	HG1050AD11	3645/05
IRU NO. 2	E3-5	HG1050AD11	4826
CVR	AFT CARGO	980-6022-001	0838
FDR	AFT CABIN	980-4700-003	2252
PORTABLE ELT	9G	S1820502-02	LX1100201010
FIXED ELT	AFT CARGO	453-5002	210-09946

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SECTION 3.0 – ENGINE LIFE LIMITED PARTS STATUS

LLP ENGINE ESN 856696

Engine Model
Serial Number

CFM56-3C-1

TSN 44744
CSN 40139

Description	P/N	S/N	CSN	Remaining cycles		
				CAT A	CAT B	CAT C
Fan Booster Spool	335-009-306-0	BC473839	13623	16377	16377	16377
Fan Disk	335-014-511-0	DE690287	4623	24430	20277	16368
Fan Shaft	335-006-414-0	DD333644	11744	18256	18256	18256
HPC Forward Shaft	1275M37P02	GWN0MLA8	4623	15377	15377	15377
HPC Stage 1-2 Spool	2411M21G01	GWN0MMH3	4623	15377	15377	15377
HPC Stage 3 Disk	1590M59P01	XAEG1391	11744	8256	8256	8256
HPC Stage 4-9 Spool	1588M89G03	GWN0MP5L	4623	15377	15377	12148
CDP Seal	1319M25P02	GFF5D864	11744	6951	6256	5213
HPT Front Shaft	1385M90P04	XAE78912	11744	6423	5556	5460
HPT Front Air Seal	1282M72P05	GWN0AP7G	11744	5134	4056	3876
HPT Disk	1475M29P03	GWN0DFEF	11744	7304	6756	6062
HPT Rear Shaft	1864M91P02	TMT1AR26	4623	15377	15377	15377
LPT Stg 1 Disk	301-331-126-0	BB883649	18612	6388	6388	6388
LPT Stg 2 Disk	301-331-227-0	BB887850	18612	6388	6388	6388
LPT Stg 3 Disk	301-331-322-0	BC034291	18612	6388	6388	6388
LPT Stg 4 Disk	301-331-429-0	BB563403	18612	6388	6388	6388
LPT Conical Support	305-056-116-0	DC056851	18612	6388	6388	6388
LPT Shaft	301-330-066-0	DC383869	11744	18256	18256	18256
LPT Stub Shaft	301-330-626-0	BB806195	18814	6186	6186	6186

Limiter:

4056

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SECTION 3.0 – ENGINE LIFE LIMITED PARTS STATUS

LLP ENGINE ESN 857617

Engine Model
 Serial Number

CFM56-3C-1

TSN 44177
 CSN 40360

Description	P/N	S/N	CSN	Remaining cycles		
				CAT A	CAT B	CAT C
Fan Booster Spool	335-009-306-0	DD936346	9552	20448	20448	20448
Fan Disk	335-014-511-0	BC552571	13772	13407	11128	8983
Fan Shaft	335-006-414-0	DC549742	16804	13196	13196	13196
HPC Forward Shaft	1275M37P02	GWN0FL07	9552	10448	10448	10448
HPC Stage 1-2 Spool	1589M66G02	GWN0GDJR	9552	10448	10448	10448
HPC Stage 3 Disk	1590M59P01	XAEH5655	9552	10448	10448	10448
HPC Stage 4-9 Spool	1588M89G03	GWN0GTJL	9552	10448	10448	8254
CDP Seal	1319M25P02	GFF5E4GA	9552	9387	8448	7040
HPT Front Shaft	1385M90P04	XAEJ3699	9552	8957	7748	7614
HPT Front Air Seal	1282M72P05	XAEJ5245	9552	7909	6248	5971
HPT Disk	1475M29P03	GWN0GJK2	9552	9674	8948	8029
HPT Rear Shaft	1864M91P02	TMT2B766	9552	10448	10448	10448
LPT Stg 1 Disk	301-331-126-0	BC202516	18333	6667	6667	6667
LPT Stg 2 Disk	301-331-227-0	BB566507	21380	3620	3620	3620
LPT Stg 3 Disk	301-331-322-0	BB642680	21380	3620	3620	3620
LPT Stg 4 Disk	301-331-429-0	DC329638	21380	3620	3620	3620
LPT Conical Support	305-056-116-0	DC055642	21380	3620	3620	3620
LPT Shaft	301-330-066-0	BC586295	12512	17488	17488	17488
LPT Stub Shaft	301-330-626-0	DB693799	21380	3620	3620	3620

Limiters:

3620

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SECTION 4.0 – CONFIGURATION

CONFIGURATION : CARGO

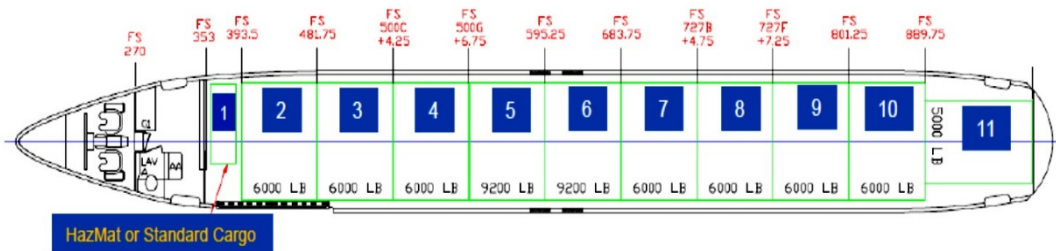
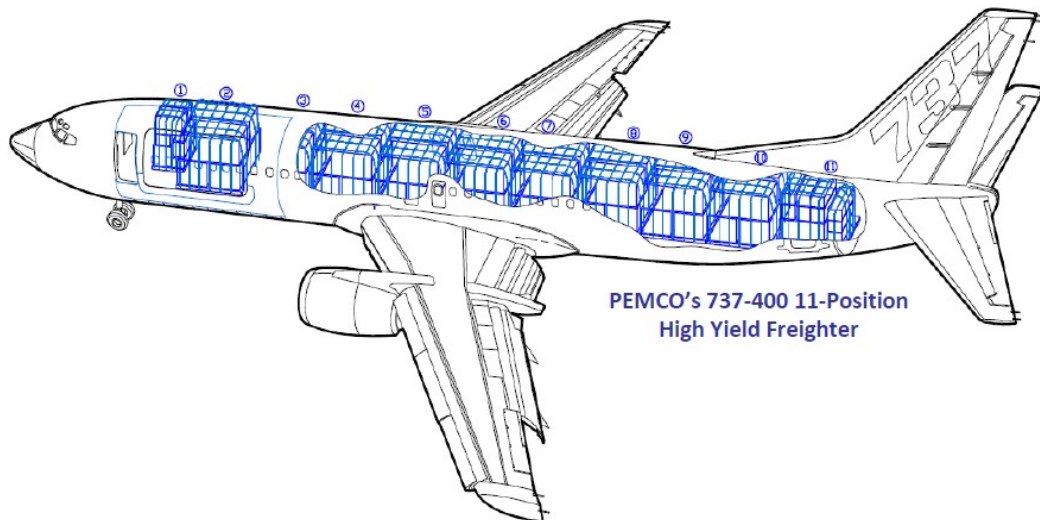
11 positions on Main Deck

- 10ea 88x125" plus 1ea 27x108"
- All 5 Lower Deck cargo compartments 100% available
- Maximum useable payload available due to max-aft CG

Cargo Handling System & Weights per Position:

Ancra Cargo Loading System – CAAC / FAA / EASA Approved Position Load Limits

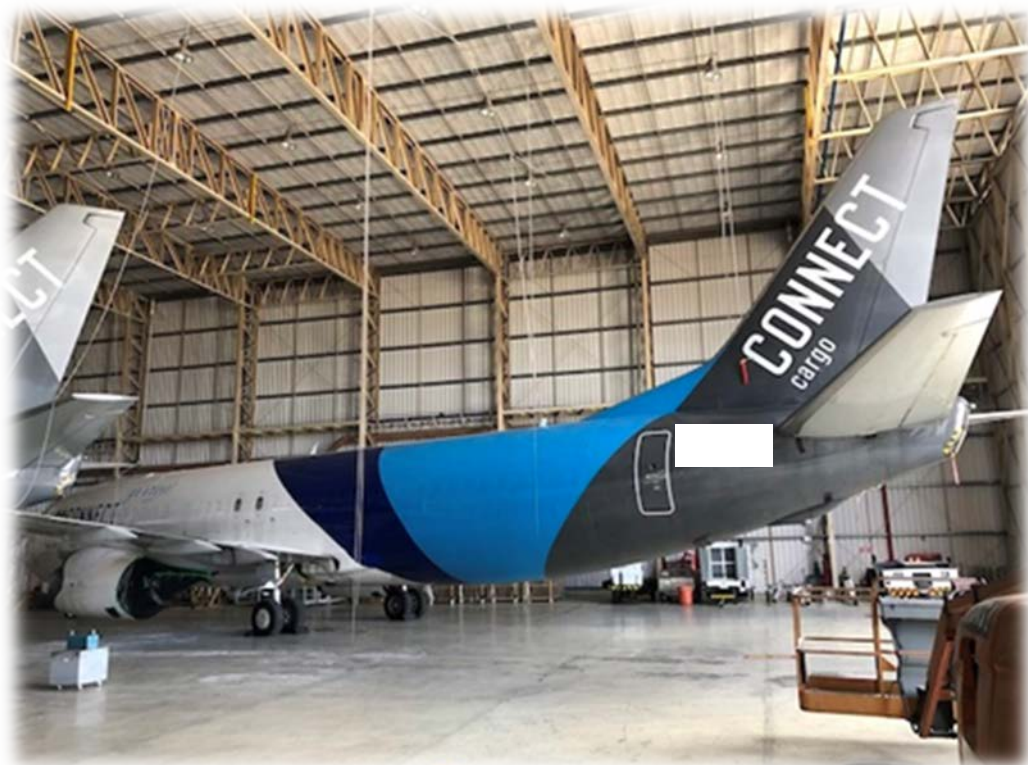
737-400F		1	2	3	4	5	6	7	8	9	10	11
11 Positions	Lbs	1,000	6,000	6,000	6,000	9,200	9,200	6,000	6,000	6,000	6,000	5,000
High Yield	Kg	453	2,721	2,721	2,721	4,173	4,173	2,721	2,721	2,721	2,721	2,267



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