

Assets Detailed Specification

Manufacturer: Boeing – Boeing Commercial Airplane Group

Model Designation: B737-300SF

MSN

Registration:

Currently operating for:



A/C Type: B737-300SF

Registration:

Owner:

APU Model: GTCP85-129H

MSN:

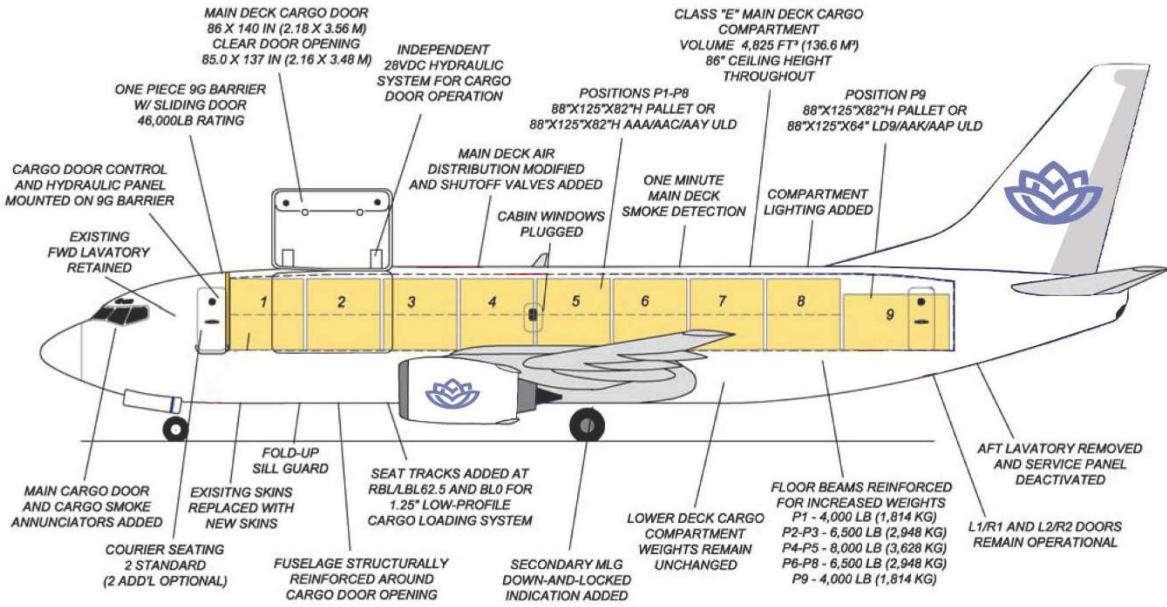
Engine Designation: CFM56-3C1

D/M: 8-Aug-1991

TSN: 56050

As per: 1-Sep-2020

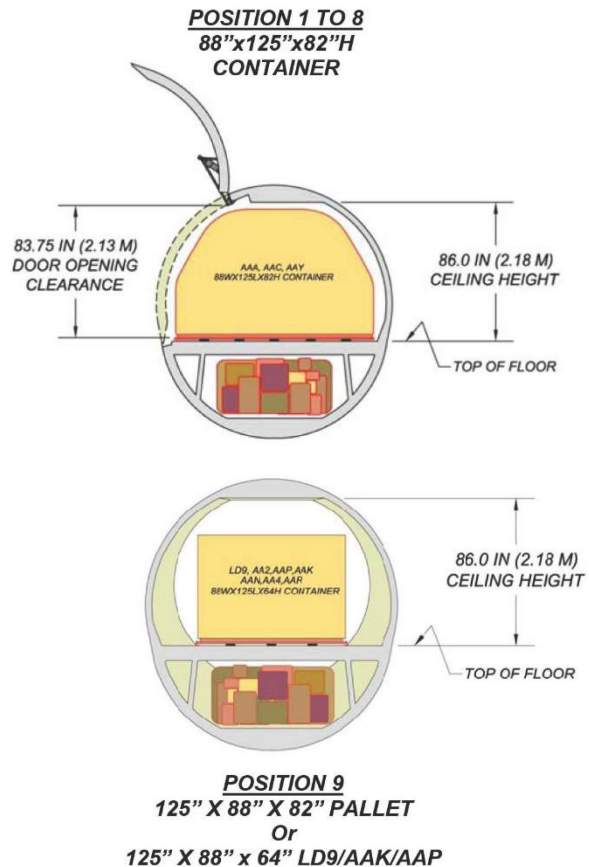
CSN: 40175



Freighter Weights and Volumes

Standard Gross Weight Aircraft	
MTW*	Up to 140,000 LB Max (63,500 kg)
MTOW*	Up to 139,500 LB Max (63,276 kg)
MZFW*	Up to 109,600 LB Max (49,710 kg)
MLW*	Up to 116,600 LB Max (52,880 kg)
BEW**	66,700 LB (30,250 kg)
Payload***	Up to 42,900 LB Max (19,460 kg)
Fuel Capacity	5,311 USG (20,103 L)

Main Deck Usage Volume	
9 ULD's - 88" x 125" (8 x 82" H + 1 x 64" H)	3,853 Ft ³ (109.1 m ³)
9 Netted Pallets (88" x 125" x 80" H)	3,980 FT ³ (112.7 m ³)



Main Attributes

- Up to 42,900 LB (19,460 KG) Payload (depending on Model & Aircraft Weight Limits)
- Reinforced Floor structure for highest average position weights in industry
- 86" x 140" cargo door
- Dual Vent Door System
- Cabin windows replaced with lightweight aluminum window plugs
- 9g rigid cargo / smoke barrier with sliding door
- Relocated DFDR for 86" ceiling height throughout cargo compartment, including last position
- Stretch Formed fuselage skins

Asset Specific Data:

	Description:
Certification Bases	
15 Knots Tailwind	Not compliant
OPS Data	
Autoland Capabilities	Cat III
ETOPS	Not approved / Not maintained
Fuel flow & Fuel Qty Indication	Kg/Hr
Reduced Vertical Separation Minimum	Compliant
Cockpit Indications Units of Measurement	Imperial

Additional Information	
Engine Thrust Rating – Customer Delivery	20,000 lbs
Engine Thrust Rating – Current Operating	20,000 lbs
Dual Advisory Ice Detection System	Not applicable
RVSM	Applicable
Sharklets/Winglets	N/A
Usable Fuel Capacity	16000 kg
QNH/QFE	Installed
Metric Altitude on MCDU/CDU	Installed
T2CAS Software version	7.0

Airframe:

Model:	B737-300SF	Maintenance plan:	Default
Manufacturer:	Boeing		

				Remaining		
Check History	Last date	FH	FC	Days	Hours	Cycles
A1 Check	08.Jun.19	55938			138	
A2 Check	24.Mar.19	55711			161	
C1 Check	11.Dec.16	54386			1162	
C2 Check	18.Jan.14	50923			1430	

Engines #1

ENGINE MODEL	Serial No.	Engine TSN:	45764.97	Engine TSLSV:	8213.97	MAX THRUST RATING	
CFM56-3C-1		Engine CSN:	35698	Engine CSLSHV:	6053	20K	
DESCRIPTION	PART NUMBER	SERIAL NUMBER	TSN	CSN	TOTAL CYCLES CATEGORY	LIFE LIMIT CYCLES CATEGORY	REMAINING CYCLES CATEGORY
					A	A	A
BOOSTER SPOOL	335-009-306-0	DE690560	8213.97	6053	6053	30000	23947
STAGE 1 FAN DISK	335-014-511-0	PA272662	8213.97	6053	6053	30000	23947
FAN SHAFT	335-006-414-0	DF962048	8213.97	6053	6053	30000	23947
HPC FRONT SHAFT	1275M37P02	GWN06ET4	22676.77	15746	15746	20000	4254
HPC STAGE 1/2 SPOOL	1589M66G02	GWN06MAP	22676.77	15746	15746	20000	4254
HPC STAGE 3 DISK	1590M59P01	XAE77023	22676.77	15746	15746	20000	4254
HPC STAGE 4/9 SPOOL	1588M89G03	GWN065R2	22676.77	15746	15746	20000	4254
HPC REAR AIR SEAL	1319M25P02	GFF5AFF7	22676.77	15746	15746	20000	4254
HPT FRONT SHAFT	1385M90P04	XAE64633	22676.77	15746	15746	20000	4254
HPT FRONT AIR SEAL	1282M27P05	GWN05WT0	22676.77	15746	15746	20000	4254
HPT DISK	1475M29P02	GWN06FF5	22676.77	15746	15746	20000	4254
HPT REAR SHAFT	1864M91P02	TMTTH133	22676.77	15746	15746	25000	9254
LPT STAGE 1 DISK	301-331-126-0	BB974540	22676.77	15746	15746	25000	9254
LPT STAGE 2 DISK	301-331-227-0	BB879640	22676.77	15746	15746	25000	9254
LPT STAGE 3 DISK	301-331-322-0	BB974870	22676.77	15746	15746	25000	9254
LPT STAGE 4 DISK	301-331-429-0	DC330946	22676.77	15746	15746	25000	9254
LPT CONICAL SUPPORT	305-056-116-0	BA970397	31043.13	21646	21646	25000	3354
LPT SHAFT	301-330-066-0	PA675675	8213.97	6053	6053	30000	23947
LPT STUB SHAFT	301-330-626-0	BB927168	22676.77	15746	15746	25000	9254
First limited part (remaining cycles) in a Category A (20K):							3354

Engines #2

ENGINE MODEL	Serial No.	Engine TSN:	46585.66	Engine TSLSV:	8825.66	MAX THRUST RATING	
CFM56-3C1		Engine CSN:	35067	Engine CSLSHV:	6246	20K	
DESCRIPTION	PART NUMBER	SERIAL NUMBER	TSN	CSN	TOTAL CYCLES CATEGORY	LIFE LIMIT CYCLES CATEGORY	REMAINING CYCLES CATEGORY
					A	A	A
BOOSTER SPOOL	335-009-306-0	PA262008	8825.66	6246	3158	30000	23754
STAGE 1 FAN DISK	335-014-511-0	BC061622	28993.88	21679	18591	30000	8321
FAN SHAFT	335-006-414-0	DD086797	17693.66	11947	8859	30000	18053
HPC FRONT SHAFT	1275M37P02	GWN0438C	24841.23	18750	15662	20000	1250
HPC STAGE 1/2 SPOOL	1589M66G02	GWN04AC0	24841.23	18750	15662	20000	1250
HPC STAGE 3 DISK	1590M59P01	XAE54323	24841.23	18750	15662	20000	1250
HPC STAGE 4/9 SPOOL	1588M89G03	GWN04G3M	24841.23	18750	15662	20000	1250
HPC REAR AIR SEAL	1319M25P02	GFF59NKG	24841.23	18750	15662	20000	1250
HPT FRONT SHAFT	1385M90P04	XAE64092	24841.23	18750	15662	20000	1250
HPT FRONT AIR SEAL	1282M27P05	GWN0486W	24841.23	18750	15662	20000	1250
HPT DISK	1475M29P02	GWN04CHP	24841.23	18750	15662	20000	1250
HPT REAR SHAFT	9514M71P04	DED23494	27935.96	23636	20548	25000	1364
LPT STAGE 1 DISK	301-331-126-0	PA344508	8825.66	6246	3158	25000	18754
LPT STAGE 2 DISK	301-331-227-0	BC917093	17087.66	12924	3158	25000	12076
LPT STAGE 3 DISK	301-331-322-0	BB292142	23853.66	13436	3158	25000	11564
LPT STAGE 4 DISK	301-331-429-0	DE986139	8825.66	6246	3158	25000	18754
LPT CONICAL SUPPORT	305-056-116-0	DC055655	24841.23	18750	15662	25000	6250
LPT SHAFT	301-330-066-0	DC850114	8825.66	6246	3158	30000	23754
LPT STUB SHAFT	301-330-624-0	JN80195	33660.23	18622	3158	25000	6378
First limited part (remaining cycles) in a Category A (20K):							1250

APU:

Manufacturer	Honeywell
Part number	GTCP85-129(H)
MSN	
Time Since (TSN)	32150
Cycles Since New (CSN)	33683
Status Date	1-Sep-20
Last Heavy Shop Visit Date	29-Oct-18
Time Since Last Heavy Shop Visit	299
Operator`s Method of APU Time Calculation	Hourmeter

Landing Gears

POS	Part No.	Serial No.	CSN	Overhaul Interval Mts/Cyc	Last OH	CSLSV
Nose	65-73762-21		40860	120/21000	Jun-2020	0
Left Main	65-73761-107		35036	120/21000	Jun-2020	0
Right Main	65-73761-108		35036	120/21000	Jun-2020	0

Avionic Equipments

RACK	DESCRIPTION	ARLCODE	ATA	VENDOR PART NO.	SERIAL NO.	VENDOR NAME
E1-1	COMPUTER - AIR DATA 1#	D006	34	501FAD1-1	1757	SMITHS INDUSTVIES
E1-1	COMPUTER - AIR DATA 2#	D006	34	501FAD1-1	2127	SMITHS INDUSTVIES
E1-1	AUTOTHROTTLE COMPUTER	D007	22	755SUE2-4	6869	SMITHS
E1-1	DIGITAL STALL WARNING COMPUTER 1	D008	27	65-52822-7	D01600	BOEING
E1-1	DIGITAL STALL WARNING COMPUTER 2	D008	27	65-52822-7	D01470	BOEING
E1-1	CABIN TEMPETURE CONTROLLER	D010	21	548376-6	074C-8593	GARRET MANUFACTURING
E1-1	PRESSURE CONTROL	D011	21	763810-1	89061877	HAMITON
E1-2	FLIGHT MANAGEMENT COMPUTER	D012	34	168925-07-01	0001706	SMITHS
E1-2	FLT INSTR ACCESSORY UNIT	D013	34	65-52805-379	D01644	BOEING
E1-2	IRS XFR RELAY NO 1	D014	34	172938-001	8252	LUCAS
E1-2	IRS XFR RELAY NO 2	D014	34	172938-001	8253	LUCAS
E1-2	ADAPTER DIGITAL ANALOG 1#	D015	34	DG1035AB03	1184	HONEYWELL
E1-2	ADAPTER DIGITAL ANALOG 2#	D015	34	DG1035AB03	325	HONEYWELL
E1-2	ENG VIB SIG COND	D016	77	S360N021-202	BM93	ENDEVCO
E1-3	FLIGHT CONTROL COMPUTER 1#	D017	22	405/600-923	88051256	HONEYWELL
E1-3	FLIGHT CONTROL COMPUTER 2#	D017	22	405/600-913	91052427	HONEYWELL
E1-3	COUPLER ASSY-YAW DAMPER	D018	22	4084042-911	99091776	HONEYWELL
E1-3	ACARS MANAGEMENT UNIT	NA	23	65-0758-001	0 3418	HONEYWELL
E1-3	AUTO FLT CONTROL ACCESSORY UNIT	D019	22	65-52817-9	D01126	BOEING
E2-1	VHF COMM TRANSCEIVER 1#	D027	23	622-1396-101	10556	COLLINS
E2-1	VHF COMM TRANSCEIVER 2#	D027	23	622-1396-101	12215	COLLINS
E2-1	VHF COMM TRANSCEIVER 3#	NA	23	064-50002-0101	0818	HONEYWELL
E2-1	SEL CAL DCDR	D029	23	N1401C	706CSW0038	MOTOROLA
E2-1	REMOTE ELEX UNIT	D026	23	51401-1	1186	AVTECH
E2-1	PASS ADDRESS AMPLIFIER	D025	23	622-4096-001	6435	COLLINS
E2-2	DME2	D030	34	622-2921-006	13424	COLLINS
E2-2	DME 1	D030	34	622-2921-006	15622	COLLINS
E2-2	DFDAU	D031	31	967-0212-002	2204	HONEYWELL
E2-2	ATC TRANSCEIVER 1#	D028	34	622-7878-201	79AM	COLLINS
E2-3	EFIS GENERATOR	D032	34	622-9436-101	109106	COLLINS
E2-3	EFIS GENERATOR	D032	34	622-9436-101	196YR	COLLINS
E2-4	MARK BEACON RECEIVER	D037	34	522-2996-011	18336	COLLINS
E2-4	ADF2	0036	34	777-1492-005	17737	COLLINS
E2-4	ADF 1	D036	34	777-1492-005	17762	COLLINS
E2-4	EGPWC	D035	34	965-0976-060- 216-216	18470	HONEYWELL

E2-4	ATC TRANSCEIVER 2#	D034	34	622-78-18-201	9043	COLLINS
E2-4	RA TRANSCEIVER 1#	D033	34	622-3890-020	9548	COLLINS
E2-4	RA TRANSCEIVER 2#	D033	34	622-3890-020	6999	COLLINS
E3-1	TRANSFORMER - RECTIFIER 1	D039	24	080-20325-01	6387	OECO
E3-1	TRANSFORMER - RECTIFIER 2	D039	24	080-20325-01	6425	OECO
E3-1	TRANSFORMER - RECTIFIER 3	D039	24	080-20325-01	6426	OECO
E3-1	BATTERY CHARGER	D040	24	2-792-02	3053	ELDEC
E3-1	STATIC INVERTER	D041	24	3913168-1-C	077C-2215	BENDIX
E3-2	AUTO SPEED BRAKE CONTROL	D042	27	65-84209-21	D01649	BOEING
E3-2	ANTI-SKID UNIT	D043	32	42-719-01	368	CRANE
E3-2	AIR CONDITION RELAY	D044	21	65-52810-57	D03348	BOEING
E3-2	ENGINE ACCESSORY UNIT	D045	78	65-73606-149	D02265	BOEING
E3-2	OVERHEAT DETECTION	D046	26	20-035008-300	B0902	FENWAL
E3-2	MISC SOLID STATE SWITCHING	D047	52	65-52806-346	D00957	BOEING
E3-2	FLAP & SLAT POS SWITCHES	D048	27	65-52807-39	D02292	BOEING
E3-3	APU CONTROL	D049	49	65-52801-31	D01697	BOEING
E3-3	FIRE DETECTOR	D050	26	472622	2350	WALTER KIDDE
E3-3	WINDOW HT CONT1 R SIDE	D051	30	83000-05601	3405	KOITO
E3-3	WINDOW HT CONT2 L FRONT	D051	30	83000-05602	5076B	KOITO
E3-3	WINDOW HT CONT3 LSIDE	D051	30	83000-05602	5510	KOITO
E3-3	WINDOW HT CONT3 R FRONT	D051	30	83000-05604	5510C	KOITO
E3-4	VHF NAV RECEIVER 1#	D052	34	622-3257-001	4157	COLLINS
E3-4	VHF NAV RECEIVER 2#	D052	34	622-3257-001	10034	COLLINS
E3-4	HF COMM	D056	23	622-5377-001	572	COLLINS
E3-4	TCAS COMPUTER UNIT	NA	34	4066010-913	92010871	ACSS
E3-5	IRU 1	D038	34	HG1050AD04	3393	HONEYWELL
E3-5	IRU2	D038	34	HG1050AE09	99023234	HONEYWELL
FWD E/E BAY	ACTUATOR - SPEED BRAKE	D001	27	R5303M1	940207	SMITHS
FWD E/E BAY	WEATHER RADAR	D002	34	622-5132-109	3789	COLLINS