



# AIRCRAFT

# B737-800

CFM56 - 7B22

YOM 2018

## Airplane Summary

Aircraft Model	B737-800
MSN	TBD
Engine Type	CFM56-7B22
Condition	NEW
Year of Manufacturing	2018
Availability	2 Aircraft

## ATA Subject Feature description:

15	Operating Weights	Max. taxi weight 156,000 pounds Max. takeoff weight 155,500 pounds Max. landing weight 144,000 pounds Max. zero fuel weight 136,000 pounds
20	Certification	FAA
23	Communication	Communications HF: Single system, partial provisions for second HF VHF: Triple VHF: two systems-voice; one system data, 8.33kHz channel spacing ACARS: AOA-capable CMU, VDL data Mode 2 Activated ELT: Fixed automatic
24	ETOPS	ETOPS 60 minute diversions
25	Noise Compliance	Noise compliance Stage 4
25-10	Fight Compartment	Two pilots and one observer
25-20	Interior Configuration	Seating: 30 P/C - 159 T/C Attendants: 6 attendants Galley: G1, G2 provisions, G4 (Zodiac Aerospace) Lavatories: LA, LB, LD, Advanced Lavatory
26	Approach Category	Category I partial provisions Category II
28	Manuals Format	FAA
31-62	Flight Display	PFD/ND, over-and-under engine presentation
34-36	Head-Up Display System	HUD at captain's station
34-60	Flight Management Computer	Dual system
57-30	Wingtips	Winglets
72-00	Engines	CFM56-7BE, CFM56-7B24 thrust rating with CFM56-7B22 derated takeoff thrust rating

Specification-

Partnumber	Supplier	Quantity	Description	Notes
G7404-124	GABLES ENGINEERING	3	RADIO TUNING PANEL	
964-0452-012	HONEYWELL	1	HF COMMUNICATION TRANSCEIVER	
964-0453-011	HONEYWELL	1	Solid State Antenna Coupler	
965-1696-021	HONEYWELL	3	VHF COMMUNICATIONS TRANSCEIVER	
1200008-000	AVTECH	1	SELCAL DECODER	
69000741-503	HONEYWELL INCORPORATED	1	ARINC DATABASE, Honeywell Mk2 -006 AOA CMU, core -501	This software part number resides in Disk P/N 963-0101-049
963-0101-049	HONEYWELL INCORPORATED	1	ARINC Database for HI Mk2 CMU -006, core -501. Disk label: 23 CMU DB SW	Software part number 69000741-503 resides in this disk P/N 963-0101-049
963-2431-001	HONEYWELL	1	23 CMU OPS SW	
964-0465-001	HONEYWELL INCORPORATED	1	AIRPLANE PERSONALITY MODULE (APM)	
965-0758-006	HONEYWELL	1	COMMUNICATIONS MANAGEMENT UNIT	
998-6063-501	HONEYWELL	1	CMU CORE SOFTWARE	
998-6092-501	HONEYWELL	1	CMU AOC SW	
01N65900	ELTA	1	EMERGENCY LOCATOR TRANSMITTER	
02N64072	ELTA	1	ANTENNA - EMERGENCY LOCATOR TRANSMITTER, BACK-UP	
2624-82	RAYAN	1	Antenna, ELT	Rayan P/N 2624-82 is also identified as Honeywell P/N 111-902-9002 Rayan P/N 2624- 82 is also identified as ELTA P/N 25988

Specification-

Partnumber	Supplier	Quantity	Description	Notes
G7116-04	GABLES ENGINEERING INC	1	Control Panel, Emergency Locator Transmitter	
622-5342-101	ROCKWELL COLLINS INC	1	AMPLIFIER, ARINC 715	
RD-AX7370-01	PANASONIC	1	WALL MOUNT PRAM	
SPE 903-1341	ELECTRO VOICE INC	2	Hand Microphone	
SPE 64300-200	TELEX CORP	3	Boom Microphone Headset	
FV-0406N1M9-12	AD AEROSPACE	3	Monochrome Video Camera	
FV-053010B10B	AD AEROSPACE	1	VIDEO SWITCH	
FV-0950N910RB	AD AEROSPACE	3	Camera Control Unit	
FV-1038-5	AD AEROSPACE	3	Illuminator	
FV-1070-11	AD AEROSPACE	1	CONTROL PANEL	
980-6032-003	HONEYWELL	1	COCKPIT VOICE RECORDER (2 HR CAPACITY)	
980-6116-001	ALLIEDSIGNAL AVIONICS INC	1	Microphone/Monitor	
1068810-2	ASTRONICS AES	14	Cable Assembly, Ground, ISPS to Seat	
1123804-150	ASTRONICS AES	2	CABLE ASSEMBLY, SIDEWALL-TO-SEAT CABLE	
1123804-72	ASTRONICS AES	10	CABLE ASSEMBLY, SEAT-TO-SEAT CABLE	
1123804-84	ASTRONICS AES	2	CABLE ASSEMBLY, SIDEWALL-TO-SEAT CABLE	
1176-1	ASTRONICS AES	1	ADVANCED MASTER CONTROL UNIT (AMCU)	

Specification-

Partnumber	Supplier	Quantity	Description	Notes
1176701-135	ASTRONICS AES	1	CONFIGURATION MODULE, AMCU	
1191-46	ASTRONICS AES	14	IN-SEAT POWER SUPPLY, AC/USB, 3 OUTPUTS, CIRCULAR	
1294-2-2	ASTRONICS AES	14	ASSEMBLY, IN-USE LIGHT, MK V	
1295-2-2	ASTRONICS AES	42	110VAC/USB Outlet Unit	
129983-07080911	ASTRONICS AES	14	ISPS TO ACOU/USB/IUL CABLE	
KKY420-0931-151	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	LH TPL, IAT, NAR, PC POWER	
KKY420-0931-161	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	LH TPL, EXIT, IAT, NO RECL., NO O/B A/R, PC POWER, ONE- WAY LATCH	
KKY420-0931-171	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	LH TPL, EXIT, IAT, NO O/B A/R, PC POWER	
KKY420-0931-251	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	RH TPL, IAT, NAR, PC POWER	
KKY420-0931-261	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	RH TPL, EXIT, IAT, NO RECL., NO O/B A/R, PC POWER, ONE- WAY LATCH	
KKY420-0931-271	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	RH TPL, EXIT, IAT, NO O/B A/R, PC POWER	
KKY420-0932-161	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	21	LH TPL, STD	
KKY420-0932-171	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	LH TPL, PC POWER	
KKY420-0932-261	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	21	RH TPL, STD	
KKY420-0932-271	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	RH TPL, PC POWER	

Specification-

Partnumber	Supplier	Quantity	Description	Notes
KKY420-0933-121	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	LH TPL, EXIT, NO RECL., ONE- WAY LATCH	
KKY420-0933-221	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	RH TPL, EXIT, NO RECL., ONE- WAY LATCH	
KKY420-0937-121	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	LH TPL, TRK BRK, PC POWER	
KKY420-0937-221	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	RH TPL, TRK BRK, PC POWER	
KKY420-0938-151	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	2	LH TPL, NAR, PC POWER	
KKY420-0938-161	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	LH TPL, NAR	
KKY420-0938-251	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	2	RH TPL, NAR, PC POWER	
KKY420-0938-261	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	RH TPL, NAR	
KKY420-0938-271	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	LH TPL, NAR	
KKY420-0939-121	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	LH TPL, NAR, 2" RECL., NO BK MTG TBL AND LIT. PKT.	
KKY420-0939-231	AVIC HUBEI ALI JIATAI AIRCRAFT EQPT	1	LH TPL, NAR, 4" RECL., NO BK MTG TBL AND LIT. PKT.	
236152	B E AEROSPACE	3	OVEN RACK	
236153	B E AEROSPACE	24	OVEN TRAY	
4323100-01-6622	B E AEROSPACE	3	DS3000 Steam Oven LH	
62197-001-001	SELL GMBH	2	WATER BOILER	
DLH294	DRIESSEN	1	STANDARD CONTAINER	
DLH549-017	DRIESSEN	2	HOT CUP	
TK500001	DRIESSEN	3	Full Size Cart	

Specification-

Partnumber	Supplier	Quantity	Description	Notes
TL500001	DRIESSEN	1	Half Size Cart	
501510-4901B-54	ZODIAC AEROSPACE	1	GALLEY G <sub>1</sub>	
501537-1	ZODIAC AEROSPACE	1	GALLEY G <sub>4</sub>	
SPE P2-07-0001-101	DME CORPORATION	2	FLASHLIGHT AND BRACKET	
SPE 802300-14	SCOTT AVIATION CO	1	SMOKE HOOD (PBE)	
SPE 7500	TIGHITCO INC	2	GLOVES, FIRE	
S-71850-7400-JYH158	SWITLIK PARACHUTE CO	3	LIFE VEST, CREW	
64356-101	AIR CRUISERS CO	4	LIFE RAFT, 56 PERSON	
S1820511-05	THALES	1	BRACKET, EMERGENCY LOCATOR TRANSMITTER (ELT).	
S1823502-05	THALES	1	EMERGENCY LOCATOR TRANSMITTER (ELT)	
S-71850-6400-JYH158 5	SWITLIK PARACHUTE CO	19	LIFE VEST	
SPE 1027-1-011-8213	AM SAFE	5	EXTENSION ASSEMBLY	
SPE 174080-56	B E AEROSPACE	3	OXYGEN MASK DEMO	
SPE 2010-6-011-1849	AM SAFE	3	SEAT BELT, EXTENSION, DEMO	
SPE 28301-02	AVOX SYSTEMS INC	4	OXYGEN MASK	
SFE 3553AAAYAACXBD	AVOX SYSTEMS INC	4	OXYGEN BOTTLE, 11.0 CU. FT.	
SPE 802300-14	AVOX SYSTEMS INC	4	SMOKE HOOD (PBE)	
SFE 892480	WALTER KIDDE AEROSPACE INC	2	FIRE EXTINGUISHER, WATER	

Specification-

Partnumber	Supplier	Quantity	Description	Notes
SFE 898052	KIDDE GRAVINER LTD	2	FIRE EXTINGUISHER, HALON	
SPE ACR/EM-1A	ACR ELECTRONICS INC	2	MEGAPHONE	
SPE P2-07-0001-101	DME CORPORATION	4	FLASHLIGHT AND BRACKET	
SPE S6-01-0005-306	DME CORPORATION	3	FIRST AID KIT (FAK)	
S-71850-6400DEMO-JYH004	SWITLIK PARACHUTE CO	3	LIFE VEST, DEMO	
971-4193-001	HONEYWELL INCORPORATED	1	DFDR Accelerometer	
2233000-916	TELEDYNE CONTROLS INC	1	DIGITAL FLIGHT DATA ACQUISITION UNIT	
2236865-02	TELEDYNE CONTROLS INC	1	31 DFDAU MANDATORY S/W DISKETTE	
3103-TDY-M16-02	TELEDYNE CONTROLS INC	1	DFDAU MANDATORY S/W	
980-4750-003	HONEYWELL	1	SOLID STATE DIGITAL FLIGHT DATA RECORDER (1024 WPS)	
8055515-4507	HONEYWELL INCORPORATED	1	Printer, Multi-Input, ARINC 740	
2234641-008	TELEDYNE CONTROLS INC	1	8GB COMPACT FLASH RECORDING MEDIA	
2238232-06	TELEDYNE CONTROLS INC	1	WQAR OPS SOFTWARE MEDIA	
2243800-364	TELEDYNE CONTROLS INC	1	WIRELESS QUICK ACCESS RECORDER (WQAR)	
TDY4E-7117-4506	TELEDYNE CONTROLS INC	1	31 WQAR OPS	
066-50029-1201	HONEYWELL	2	MULTI-MODE RECEIVER (MMR) ILS/GPS	
G7500-03	GABLES ENGINEERING	2	VHF NAV/CONTROL PNL	



Specification-

Partnumber	Supplier	Quantity	Description	Notes
066-50007-0531	HONEYWELL	2	RADIO ALTIMETER (RA) TRANSCIVER	
1500-2310-002	ROCKWELL COLLINS INC	1	COMBINER	This item is installed per the requirements of FAA STC ST00845SE. A waiver or letter of acceptance may be required if the Regulatory Agency or importing country has not approved the STC.
1500-2360-001	ROCKWELL COLLINS INC	1	OHU HGS 4000	This item is installed per the requirements of FAA STC ST00845SE. A waiver or letter of acceptance may be required if the Regulatory Agency or importing country has not approved the STC.
1500-2430-001	ROCKWELL COLLINS INC	1	ANNUNCIATOR PANEL	This item is installed per the requirements of FAA STC ST00845SE. A waiver or letter of acceptance may be required if the Regulatory Agency or importing country has not approved the STC.
1500-2460-004	ROCKWELL COLLINS INC	1	HGS COMPUTER	This item is installed per the requirements of FAA STC ST00845SE. A waiver or letter of acceptance may be required if the Regulatory Agency or importing country has not approved the STC.
2500-6430-001	ROCKWELL COLLINS INC	1	ASSY, SHROUD OHU	This item is installed per the requirements of FAA STC ST00845SE. A waiver or letter of acceptance may be required if the Regulatory Agency or importing country has not approved the STC.
5000-7109-001	ROCKWELL COLLINS INC	1	SUNVISOR, COMBINER MODEL 4000	This item is installed per the requirements of FAA STC ST00845SE. A waiver or letter of acceptance may be required if the Regulatory Agency or importing country has not approved the STC.
930-5101-001	HONEYWELL INCORPORATED	1	WEATHER RADAR CONTROL PANEL	

Specification-

Partnumber	Supplier	Quantity	Description	Notes
930-1000-003	HONEYWELL	1	WXR RADAR PROCESSOR	
930-2000-001	HONEYWELL	1	WXR TRANSMITTER/RECEIVER	
930-3000-001	HONEYWELL	1	WXR ANTENNA DRIVE	
930-4301-001	HONEYWELL	1	WXR ANTENNA FLAT PLATE	
930-7501-001	HONEYWELL	1	WXR RADAR PROCESSOR MOUNT	
071-50001-8102	HONEYWELL	2	TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS) ANTENNA	
940-0351-001	HONEYWELL	1	TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS) COMPUTER	
69001410-100	HONEYWELL INCORPORATED	2	VOR/MARKER BEACON, RECEIVER	
066-01127-1602	HONEYWELL INTERNATIONAL INC.	2	AIR TRAFFIC CONTROL (ATC) TRANSPONDER	
G6990-51 GABLES	ENGINEERING INC	1	ATC/TCAS Control Panel	
066-50013-0111	HONEYWELL	2	DISTANCE MEASURING EQUIPMENT (DME) INTERROGATOR	
066-50014-0101	HONEYWELL	1	AUTOMATIC DIRECTION FINDER (ADF) RECEIVER	
2041683-7507	HONEYWELL	1	AUTOMATIC DIRECTION FINDER (ADF) ANTENNA	
G7402-04	GABLES ENGINEERING INC	1	ADF Control Panel - for single ADF	

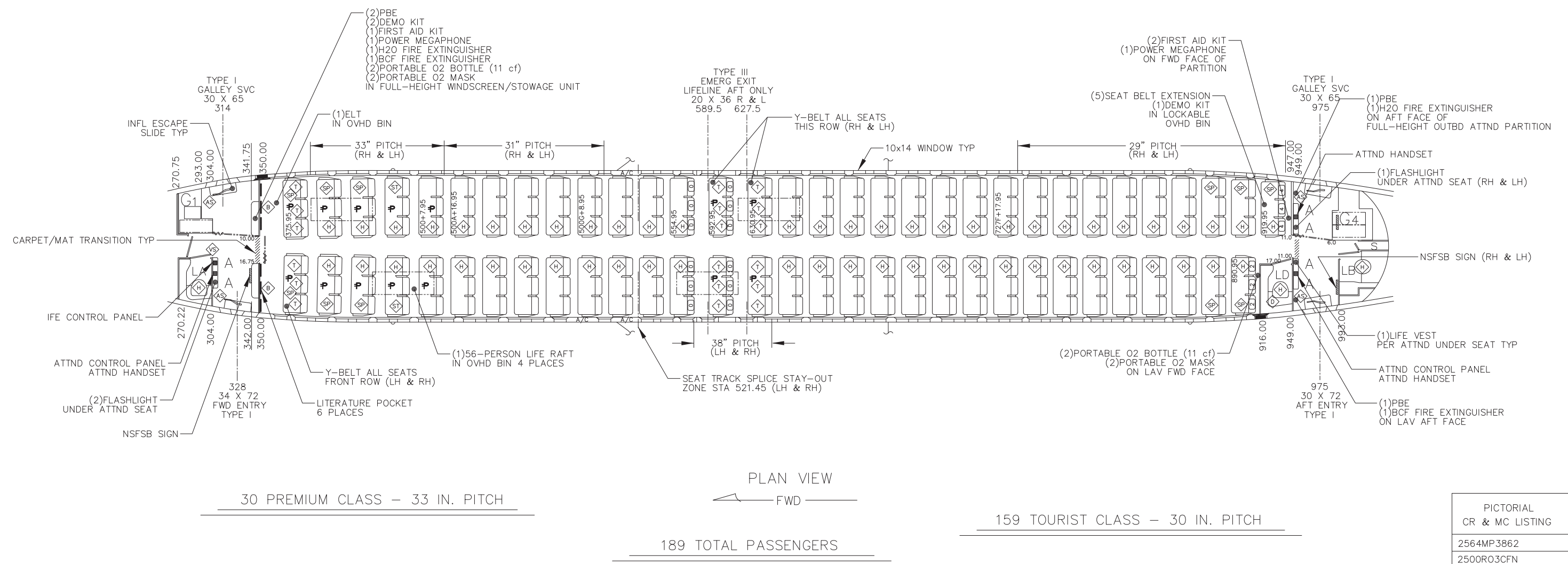
Specification-

Partnumber	Supplier	Quantity	Description	Notes
MC10-25-110	AVOX SYSTEMS INC	1	CREW OXYGEN MASK/REGULATOR	
MXP210-00	AVOX SYSTEMS INC	1	Smoke Goggles, EROS, for use with MC10 series masks	
MC10-25-110	AVOX SYSTEMS INC	2	CREW OXYGEN MASK/REGULATOR	
MXP210-00	AVOX SYSTEMS INC	2	Smoke Goggles, EROS, for use with MC10 series masks	
737-0010-37	AVIATION PARTNERS BOEING	1	ASSEMBLY - FINAL, WINGLET	
737-0010-38	AVIATION PARTNERS BOEING	1	ASSEMBLY - FINAL, WINGLET	

-BOEING PROPRIETARY-

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO THE BOEING COMPANY AND SHALL NOT BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY PURPOSE EXCEPT WHEN SUCH USER POSSESSES DIRECT, WRITTEN AUTHORIZATION FROM THE BOEING COMPANY.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
C	ADDED SEAT BELT EXTENSIONS AFT RH OVHD BIN. PLUGGED FWD RH WINDOW.		



30 PREMIUM CLASS - 33 IN. PITCH

PLAN VIEW  
← FWD →

159 TOURIST CLASS - 30 IN. PITCH

189 TOTAL PASSENGERS

PICTORIAL CR & MC LISTING
2564MP3862
2500R03CFN
2564MP3882
2524MP3AOR
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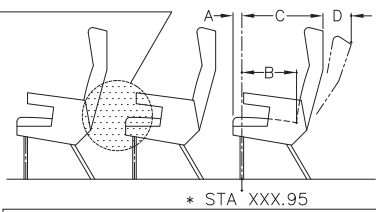
NOTES:

THIS DRAWING IS FOR REFERENCE ONLY AND IS NOT TO BE USED FOR FABRICATION, ASSEMBLY, INSTALLATION OR INSPECTION INFORMATION.

\* SEAT STATIONS ARE CALLED OUT TO THE CENTERLINE OF THE FWD INBD SEAT STUD IN LOCKED POSITION.

CERTIFICATION OF INTERIOR CONFIGURATION SUBJECT TO ACCURATE SEAT DIMENSIONS, SEAT DEFORMATION DATA AND FAA REVIEW.

FAR PART 25.562 (C)(8) & AC25.562-1 REQUIRES MINIMUM SEAT TO SEAT CLEARANCE OF 6 INCHES AFTER SEAT DEFORMATION.



SPACE BINS  
ADVANCED LAVS  
BOEING SKY INTERIOR

GALLEY	VOLUME IN CUBIC FEET	---	---	---	79.8
APPROX. VOLUME					
G1 34.8	VOLUME/PASSENGER IN CUBIC FEET	---	---	---	0.4
G2 ---	CART QUANTITY	---	---	---	3.5
G3 ---	CART SIZE	---	---	---	---
G4 45.0					
G6 ---					
PASSENGERS	COUNT	---	30	159	189
	PITCH	---	33"	30"	---
	PERCENT	---	---	---	---
SEAT SEE GEOMETRY TABLE FOR DIMENSIONS.	VENDOR	---	JIATAI	JIATAI	---
	MODEL	---	---	---	---
ITEM	FIRST CLASS	PREMIUM CLASS	TOURIST CLASS	TOTAL	

SEAT GEOMETRY TABLE			
DIM	F/C	P/C	T/C
A	---	2.36±0.3	2.36±0.3
B	---	14.69±0.25	14.69±0.25
C	---	21.10 <sup>+0</sup> <sub>-0.39</sub>	21.10 <sup>+0</sup> <sub>-0.39</sub>
D	---	6.00	6.00

FLOTATION DEVICE			
P=PROVISIONS ✓=BOEING INSTALLED			
	CUSHION	LIFEVEST IN/ UNDER SEAT	LIFEVEST IN/ IN P.S.U.
PASSENGER SEAT		✓	
ATTENDANT SEAT	✓	✓	

- ✱ SEAT ROW EQUIPPED WITH PC POWER OUTLET(S).
- A/C AIR CONDITIONING RISER.
- ELT EMERGENCY LOCATOR TRANSMITTER.
- PBE PROTECTIVE BREATHING EQUIPMENT.
- ◇ VIDEO SURVEILLANCE SYSTEM.
- ◇ BASSINET FITTINGS.
- ◇ DIAPER TABLE.
- ◇ HANDICAPPED PASSENGER FEATURES.
- ◇ INTEGRAL IN-ARM FOOD TRAY.
- ◇ SPECIAL SEAT MAY BE REQUIRED TO MAINTAIN SIDEWALL CLEARANCE AND/OR MINIMUM F.A.A. AISLE REQUIREMENT.
- ◇ SPECIAL SEAT REQUIRED WHEN SEAT LEGS BRIDGE STA 480 SEAT TRACK BREAK (REF D6-36230).
- ◇ ASSIST SPACE AND EXIT AISLE REQUIREMENTS MUST MEET F.A.A. GUIDELINES.
- ◇ DENOTES INCHES OF RECLINE WHEN LIMITED FROM MAXIMUM.

DRAWN:	DATE:
L.J. HARRIS	11/11/15
CHECKED:	DATE:
L.J. HARRIS	11/11/15
APPROVED:	DATE:
J. HO	11/11/15

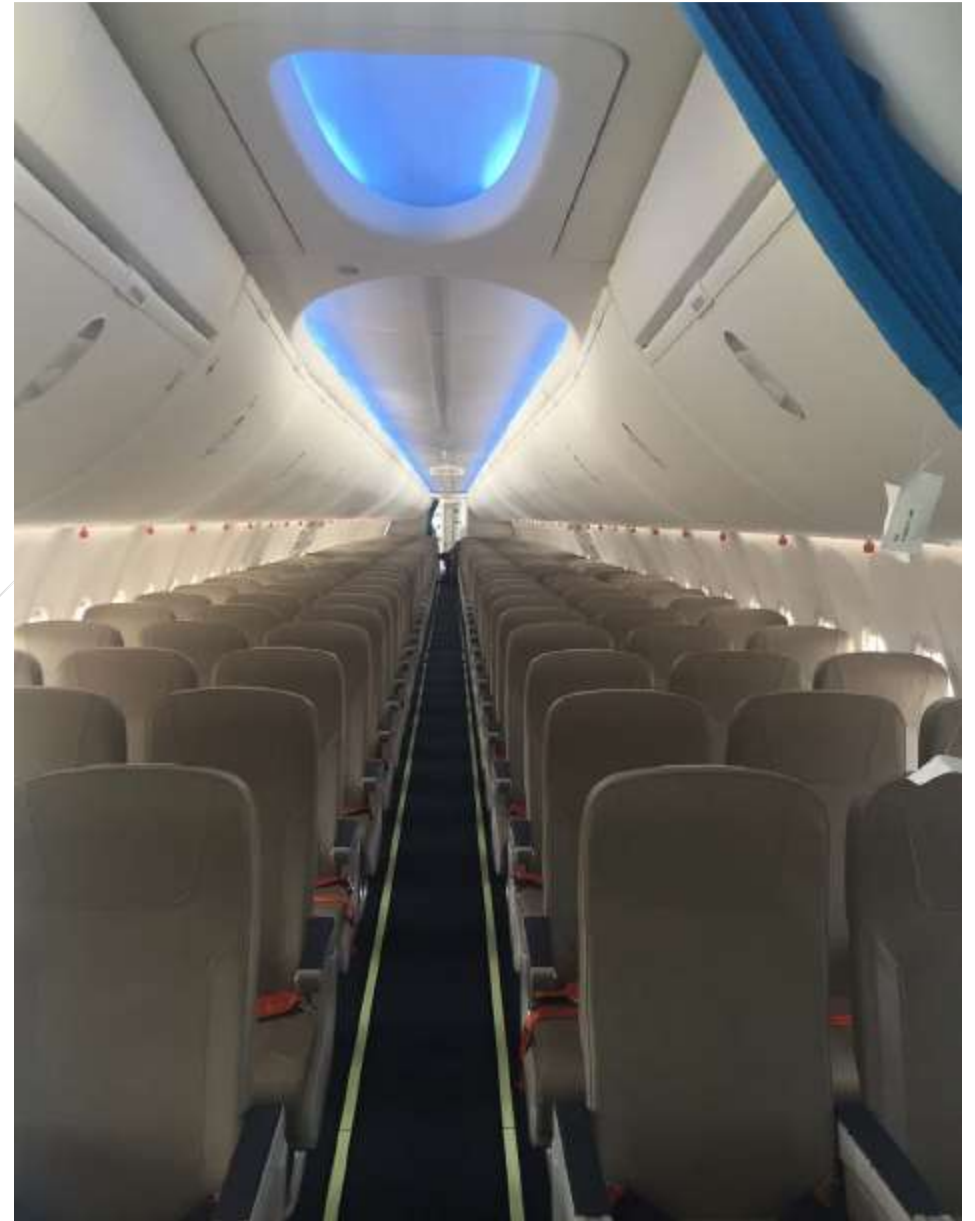
FAA/

INTERIOR ARRANGEMENT (DELIVERY)

737-800 +198" FWD +212" AFT

SIZE D FSCM NO. DWG NO.

Specification-



Specification-



Specification-



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B737-800 -