

# SPECIFICATIONS SUMMARY

REF: A2025-014

**B757-223**



As of Date: 13-MAR-2025

AIRCRAFT IDENTIFICATION	
Manufacturer:	BOEING
Type & Model:	B757-223
Date of Manufacture:	8/8/1993
Country of Registration:	USA
Last Operator:	American Airlines

OPERATING WEIGHTS	Weight (lbs)	Weight (kg)
Maximum Taxi Weight:	251,000	113,852
Maximum Take-Off Weight:	250,000	113,398
Maximum Landing Weight:	210,000	95,254
*Maximum Zero Fuel Weight:	189,400	85,910
<i>NOTE: These are the POST-PRECISION Cargo Conversion Weights. *MZFW upgradable to 200,000 lbs.</i>		

FUEL DATA	Weight (USg)
Maximum Fuel Capacity:	11,489

AIRFRAME STATUS					
Total Airframe Hours:	88,393	Maintenance Check Intervals:	A Check	C Check	HMV Check
			500 FH	6,000 FH / 18 MO	24,000 FH / 72 MO
Total Airframe Cycles:	24,760	Maintenance Next Due:	A Check	C Check	HMV Check
			88,932 FH	94,432 FH / Jun 2026	88,732 FH / Dec 2029
<i>NOTE: Based on the Previous Operator's Maintenance Program</i>					

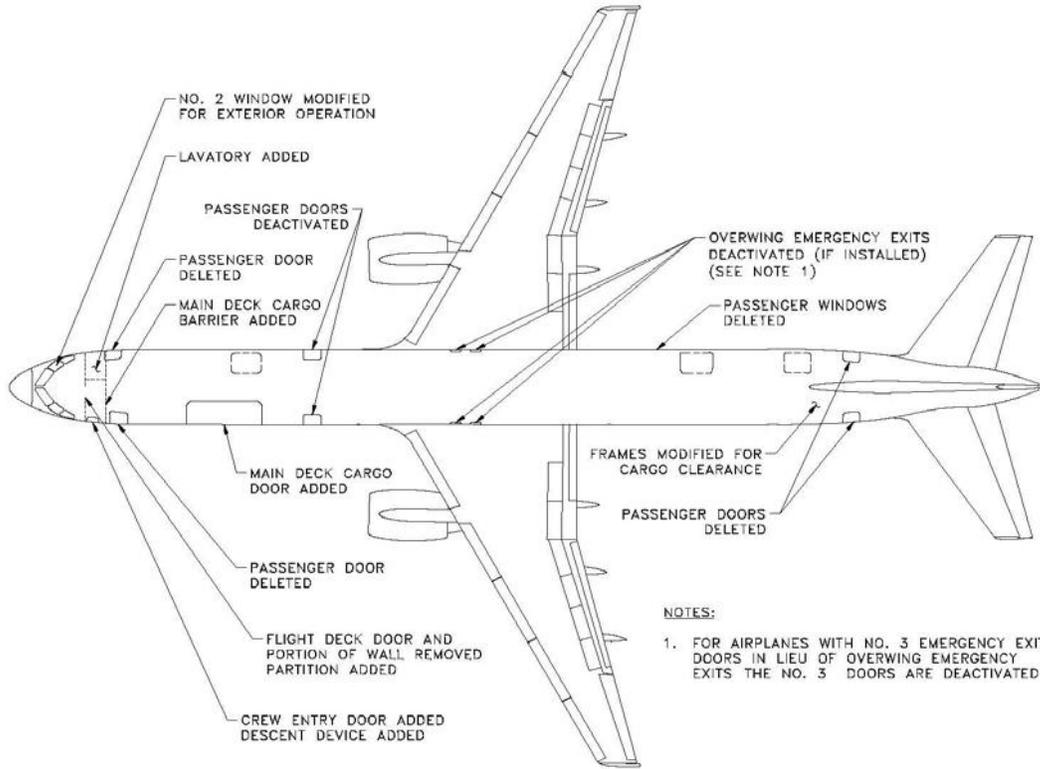
LANDING GEARS					
Position	P/N	S/N	OH Date		CSO
NOSE Landing Gear:	162N0001-115	MAL00189N0827	1/14/2023		0
LH-BODY Main Landing Gear:	161N0001-141	M1675N-0827	1/14/2023		0
RH-BODY Main Landing Gear:	161N0001-142	M1676N-0827	1/14/2023		0

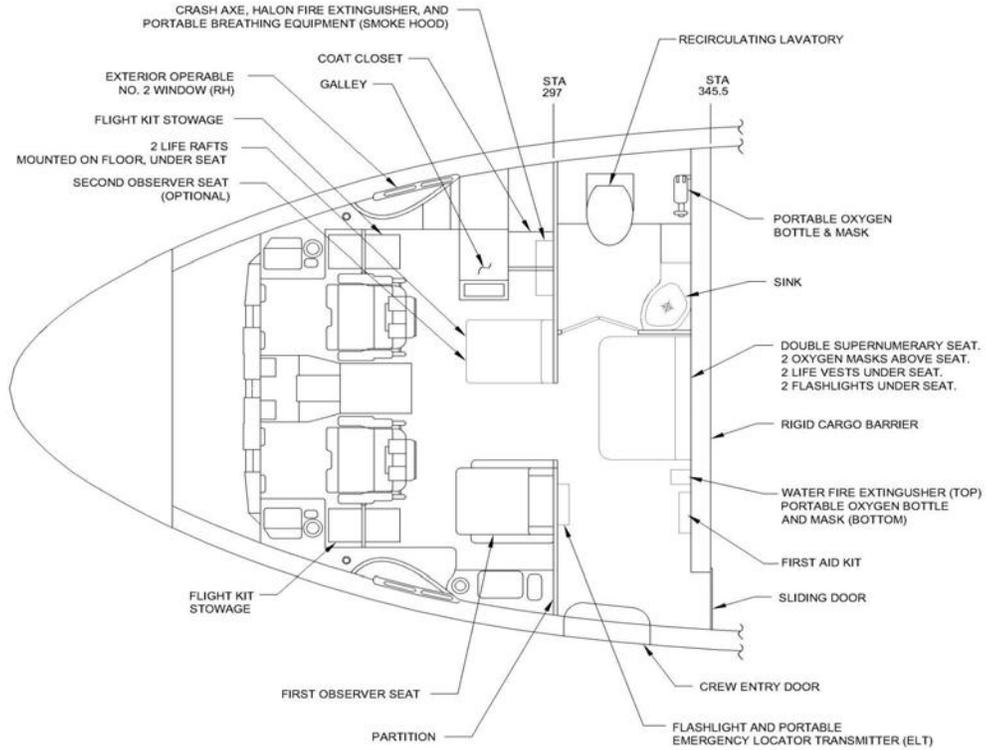
AUXILIARY POWER UNIT	
APU Type:	GTCP331-200ER
APU Serial Number:	P-1668
Time Since Last Shop Visit:	1,623

INTERIOR CONFIGURATION	
Cargo:	15 ULD
Lavatories - Location:	SEE LOPA
Galleys - Location:	SEE LOPA
Wardrobe Closet - Location:	SEE LOPA

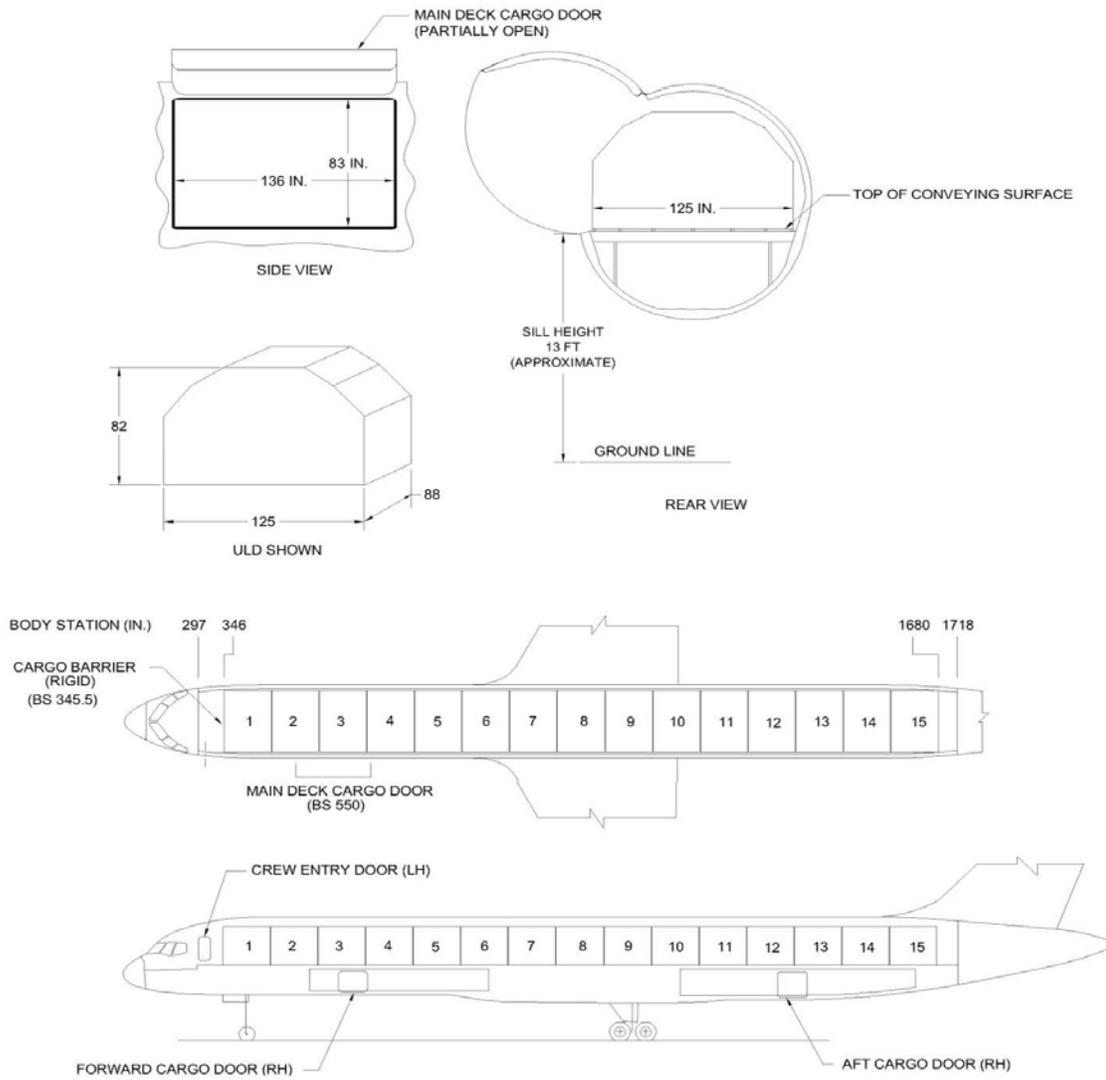
GENERAL INFORMATION	
Autoland Capabilities	CAT IIIB
ETOPS	YES
Winglets	YES
ADS-B	YES
NGS Inserting	YES
RNP	YES
FANS 1/A	YES
IS&S Flat panel screens	Installed
Iridium Satellite system	Installed
THALES INTEGRATED STANDBY FLIGHTDISPLAY	Installed

AVIONICS/EQUIPMENT			
Description	Qty	Manufacturer	Model / Part Number
Cockpit Voice Recorder	1	L3 Communications	2100-1020-00
HF Transceiver	2	Collins	622-5272-001
SELCAL Decoder	1	AvTech	1200008-000
VHF Comm Transceiver	3	Rockwell Collins	822-1047-003 822-1250-002
Flight Data Recorder	1	L3 Communications	2100-4043-00
Integrated Flat Panel Display Unit	4	IS&S	9D-84031-5
Display Control Panel	2	IS&S	9D-05522-15
EICAS Computer	2	Collins	822-1033-100
ADF Receiver	2	Collins	822-0299-001
Air Data Computer	2	Honeywell	4040800-912
DME Interrogator	2	Collins	822-0329-001
Flight Management Computer	2	Honeywell	4052506-955
GPWS	1	Allied Signal	965-0976-003-218-218
Inertial Reference Unit	3	Honeywell	HG1050AD15 HG1050AE15
Radio Altimeter Transceiver	3	Collins	822-0334-004
TCAS Version 7.1	1	Honeywell	940-0351-001
Weather Radar Computer	1	Collins	622-5132-109
Flight Control Computer	3	Collins	622-8757-106
Antiskid/Autobrake Control Unit	1	Crane	42-641-2
APU Battery	1	SAFT	025962-000
APU Battery Charger	1	Eldec, Corp	8-930-03
APU Controller	1	Honeywell	2117342-20
Audio Accessory Unit	1	Boeing	285T0001-210
Audio System Controller	1	Panasonic	RD-KA1012-02
Battery	1	SAFT	025962-000
Battery Charger	1	Eldec, Corp	8-930-03
Bus Power Control Unit	1	Sunstrand	734285C
Cabin Pressure Controller	2	HoneywellAiresearch	2117388-15
Cabin Zone Temp Controller	1	Allied Signal	1151868-1
Comm. Mgt Unit (ACARS)	1	Collins	822-1239-151
CSEU Pwr Supply Module	4	Boeing	285T0017-104
Data Concentrator Unit	3	IS&S	9B-84032-5
Data Link Transponder	2	ACSS	9008000-10001
DFDAU	1	Teledyne Controls	2233000-816
Engine Vibration Monitor	2	Vibro-meter	241-280-056-014
Flap / Slat Accessory Module	1	Boeing	285N1234-1
Flap / Slat Electronic Unit	2	Boeing	285N0011-40
Fuel Quantity Processor	1	Goodrich	30071-0505
Generator Control Unit	3	Hamilton Sunstrand	734284F
Global Landing Unit	2	Rockwell Collins	822-1152-004
Hyd Reservoir Qty Monitor Unit	1	Gull Electronics Sys.	367-027-019
Iridium Communication System	1	Rockwell Collins	710617-2
Maint Control Display Panel	1	Collins	622-4593-508
Nitrogen Generator Controller	1	Honeywell	1153154-8
Pack Stby Controller	1	Garrett Mfg. Ltd.	624284-1
Pack Temp Controller	2	Allied Signal	1151864-2
Passenger Address Unit	2	Collins	622-5342-101
Power Supply T/R	1	OECO CORP	080-20325-01
Proximity Switch Electronic Unit	1	Eldec, Corp	8-416-02
Rudder Ratio Changer Module	2	BoeingMotorola	285T0014--104
Speedbrake Auto Stow Cnt Module	1	Boeing	69-78576-2
Spoiler Control Module	3	Boeing	285T0012-201
Spoiler Control Unit	3	Boeing	285T0012-201
Stab Trim/Ail Lock/EL Asym Mod	2	Boeing	285T0015-116
Static Inverter	1	Avionic Instruments, Inc.	1-002-0102-2090
Thrust Management Computer	1	General Electric	89954-948E414G2
Transformer Rectifier	2	Eldec, Corp	4-273-03
VOR Receiver	2	Collins	822-0726-103
Window Heat Control Unit	2	Garrett Mfg. Ltd.Boeing	624066-5
Yaw Damper Module	2	Boeing	285T0013-126





Layout of Flight Deck and Passenger Accommodations  
Basic 4-Man Flight Deck Shown



Interior Arrangement – Main Deck Cargo, 15 ULDs









ENGINE MODEL: RB211-535E4B-37A1E  
 SERIAL NUMBER: 31828  
 TOTAL TIME SINCE NEW: 42,410.5  
 TOTAL CYCLES SINCE NEW: 14,493  
 TIME SINCE LAST REPAIR: 2.4  
 CYCLES SINCE LAST REPAIR: 2  
 TIME SINCE PERFORMANCE RESTORATION : 8,564.4  
 CYCLES SINCE PERFORMANCE RESTORATION : 1,853

MODULE PN	MODULE SN	MODULE TSN	MODULE CSN
MODULE 01 L.P. COMPRESSOR FAN	M01642AA	DM4575	14,493
MODULE 02 I.P. COMPRESSOR	M02641AA	DM4580	14,493
MODULE 03 INTERMEDIATE	M03641AA	DM4586	14,493
MODULE 04 H.P. SYSTEM	M04642AA	DM6124	14,493
MODULE 05 I.P. / L.P. TURBINE	M05645AA	DM4580	14,493

Description	IN	PART NUMBER	SERIAL NUMBER	TOTAL HOURS	TOTAL CYCLES	Total Cycles							Life Limit Cycles							Life Limit Hours	Remaining Cycles							Remaining Hours
						Category							Category								Category							
						535-E4 Flight Plan A	535-E4 Flight Plan B	535-E4B Flight Plan C	535-E4B Flight Plan D	535-E4B Flight Plan E	535-E4C Flight Plan F	535-E4 Flight Plan G	535-E4 Flight Plan A	535-E4 Flight Plan B	535-E4B Flight Plan C	535-E4B Flight Plan D	535-E4B Flight Plan E	535-E4C Flight Plan F	535-E4 Flight Plan G		535-E4 Flight Plan A	535-E4 Flight Plan B	535-E4B Flight Plan C	535-E4B Flight Plan D	535-E4B Flight Plan E	535-E4C Flight Plan F	535-E4 Flight Plan G	
17 LP BLADES	201	FW12308	RQH28952	40676	13507	0	0	0	0	13507	0	0	24580	17600	23000	23000	23000	17600	17600	8717	8958	9093	9093	9092	8958	8958		
18 LP BLADES	201	FW12308	RQH28903	40676	13507	0	0	0	0	13507	0	0	24580	17600	23000	23000	23000	17600	17600	8717	8958	9093	9093	9093	8958	8958		
19 LP BLADES	201	FW12308	RQH28877	40676	13507	0	0	0	0	13507	0	0	24580	17600	23000	23000	23000	17600	17600	8717	8958	9093	9093	9093	8958	8958		
20 LP BLADES	201	FW12308	RQH28915	40676	13507	0	0	0	0	13507	0	0	24580	17600	23000	23000	23000	17600	17600	8717	8958	9093	9093	9093	8958	8958		
21 LP BLADES	201	FW12308	RQH28958	40676	13507	0	0	0	0	13507	0	0	24580	17600	23000	23000	23000	17600	17600	8717	8958	9093	9093	9093	8958	8958		
22 LP BLADES	201	FW12308	RQH29310	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
23 LP BLADES	201	FW12308	RQH29321	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
24 LP BLADES	201	FW12308	RQH29412	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
25 LP BLADES	201	FW12308	RQH29458	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
26 LP BLADES	201	FW12308	RQH29474	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
27 LP BLADES	201	FW12308	RQH29480	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
28 LP BLADES	201	FW12308	RQH29481	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
29 LP BLADES	201	FW12308	RQH29486	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
30 LP BLADES	201	FW12308	RQH29492	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
31 LP BLADES	201	FW12308	RQH29493	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
32 LP BLADES	201	FW12308	RQH29495	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
33 LP BLADES	201	FW12308	RQH29501	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
34 LP BLADES	201	FW12308	RQH29502	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
35 LP BLADES	201	FW12308	RQH29506	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
36 LP BLADES	201	FW12308	RQH29508	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
37 LP BLADES	201	FW12308	RQH29512	42411	14493	0	0	0	0	14493	0	0	24580	17600	23000	23000	23000	17600	17600	9091	8509	8507	8507	8507	8508	8508		
38 LP BLADES	201	FW12308	RQH29273	19243	6474	0	0	0	0	6474	0	0	24580	17600	23000	23000	23000	17600	17600	17601	12645	16526	16526	16526	12646	12646		

ENGINE MODEL: RB211-535E4B-3741E  
 SERIAL NUMBER: 31828  
 TOTAL TIME SINCE NEW: 42,410.5  
 TOTAL CYCLES SINCE NEW: 14,493  
 TIME SINCE LAST REPAIR: 2.4  
 CYCLES SINCE LAST REPAIR: 2  
 TIME SINCE PERFORMANCE RESTORATION: 6,564.4  
 CYCLES SINCE PERFORMANCE RESTORATION: 1,853

MODULE 01	L.P. COMPRESSOR FAN	MODULE PN	MODULE SN	MODULE TSN	MODULE CSN
MODULE 02	I.P. COMPRESSOR	M01642AA	DM4575	42,411	14,493
MODULE 03	INTERMEDIATE	M02641AA	DM4586	42,411	14,493
MODULE 04	H.P. SYSTEM	M04640AA	DM6124	42,411	14,493
MODULE 05	I.P. / L.P. TURBINE	M05640AA	DM4580	42,411	14,493

Description	RN	PART NUMBER	SERIAL NUMBER	TOTAL HOURS	TOTAL CYCLES	Total Cycles							Life Limit Cycles							Life Limit Hours	Remaining Cycles							Remaining Hours
						Category							Category								Category							
						325-64 Flight Plan A	325-64 Flight Plan B	325-64B Flight Plan C	325-64B Flight Plan D	325-64B Flight Plan E	325-64C Flight Plan F	325-64 Flight Plan G	325-64 Flight Plan A	325-64 Flight Plan B	325-64B Flight Plan C	325-64B Flight Plan D	325-64B Flight Plan E	325-64C Flight Plan F	325-64 Flight Plan G		325-64 Flight Plan A	325-64 Flight Plan B	325-64B Flight Plan C	325-64B Flight Plan D	325-64B Flight Plan E	325-64C Flight Plan F	325-64 Flight Plan G	
39 FAN FILLERS	110	FW81408	209027HLAG85025	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
40 FAN FILLERS	110	FW81408	209027HLAG67306	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
41 FAN FILLERS	110	FW81408	209027HLAG67345	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
42 FAN FILLERS	110	FW81408	209027HLAG67388	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
43 FAN FILLERS	110	FW81408	209027HLAG67491	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
44 FAN FILLERS	110	FW81408	209027HLAG67491	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
45 FAN FILLERS	110	FW81408	209027HLAG67606	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
46 FAN FILLERS	110	FW81408	209027HLAG67638	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
47 FAN FILLERS	110	FW81408	209027HLAG67696	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
48 FAN FILLERS	110	FW81408	209027HLAG67783	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
49 FAN FILLERS	110	FW81408	209027HLAG67810	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
50 FAN FILLERS	110	FW81408	209027HLAG67824	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
51 FAN FILLERS	110	FW81408	209027HLAG68431	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
52 FAN FILLERS	110	FW81408	209027HLAG68436	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
53 FAN FILLERS	110	FW81408	209027HLAG68572	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
54 FAN FILLERS	110	FW81408	HLAG68325	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
55 FAN FILLERS	110	FW81408	HLAG68438	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
56 FAN FILLERS	110	FW81408	HLAG68474	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
57 FAN FILLERS	110	FW81408	HLAG68693	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
58 FAN FILLERS	110	FW81408	HLAG68208	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
59 FAN FILLERS	110	FW81408	HLAG68309	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		
60 FAN FILLERS	110	FW81408	HLAG68321	6564	1853	0	0	0	0	1853	0	0	12000	10000	12000	11100	11200	10000	10000	10014	8345	10014	9263	9347	8345	8345		

NOTE: HOURS OPERATED INCLUDE ROUNDING UP FIGURES  
 NOTE: THE INFORMATION DEPICTED ABOVE WAS EXTRACTED FROM TECHNICAL RECORDS PROVIDED BY PREVIOUS OPERATORS.

Prepared by:   
 Michael Diaz  
 Sr. Technical Records Analyst

Reviewed by:   
 Claudia Hernandez  
 Sr. Manager, Technical Records

11-Apr-2024  
 Date

Limiter Group A						
A	B	C	D	E	F	G
5009	4129	5146	5146	5146	5145	4129

Limiter Group B						
A	B	C	D	E	F	G
9091	6509	8507	8507	8507	6509	6500