

AIRCRAFT SPECIFICATION SHEET
MSN 25298 B757-200 C-FGKJ



AIRCRAFT SPECIFICATION

GENERAL

Aircraft Type	B757- 223
Engine Type	ROLLS ROYCE RB211-535E4
MSN	25298
Registration	C-FGKJ
Delivery Date	February 1992
Delivery Customer	AMERICAN AIRLINES
TSN	72283.2
CSN	27380

AIRCRAFT WEIGHTS

Maximum Take-off Weight	113851 KG/250000 LBS
Maximum Landing Weight	95254 KG/210000 LBS
Maximum Zero Fuel Weight	90718 KG/200000 LBS
Maximum Payload	37,019 KG/ 81613 LBS

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AIRCRAFT STATUS

Last Maintenance Visit	1C/2C/3C/4C/5C AUGUST 20, 2021
Next Maintenance Visit	1C/6C AUGUST 20, 2021
1A DUE	72624.3 / NOVEMBER 4, 2023
1C DUE	AUGUST 20, 2023

LANDING GEAR

Nose Landing Gear	162N0001-43
Last Shop Visit	July 2021
RH Main Landing Gear	161N0001-134
Last Shop Visit	July 2021
LH Main Landing Gear	161N0001-133
Last Shop Visit	July 2021

APU

APU	GTCP331-200ER
Last Shop Visit	FEBRUARY 2019
Remaining Cycles to First Limiter	21484

ENGINES

ENGINE	Engine #1	Engine #2
Model	RB211-535E4-37/19B	RB211-535E4-3721B
Serial Number	30924	31517
TSN / CSN	37,622.0 / 17,485	76,896.2 / 25,410
Last Shop Visit	Iberia 2020	Ameco 2017
TSLV / CSLSV	4,296.0 / 2,185	11,256.2 / 3,556
Remaining Cycles to First Limiter	2,667 LPC Shaft	1,090 IP Turbine Shaft

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OPERATIONAL FEATURES

HF Comm	Yes
ACARS	Yes
SATCOM	Yes
8.33 Khz Spacing	Yes
FM Immunity	Yes
ELS	Yes
EHS	Yes
ELT 121.5	Yes
EGPWS	Yes
QAR	Teledyne ACMS
TCAS	7.1
CVR	120 min Solid State D/L
DFDR	Solid State
CPDLC	Yes
ADS-B V2	Yes
SBAS	NO
ETOPS	NO
Winglets	YES

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STCs

ST01529SE	PASSENGER TO FREIGHTER CONVERSION
ST01748LA	ANCRA CARGO LOADING
ST01237SE	WINDOW PLUGS
ST02372CH	FLAT PANEL DISPLAY
ST02053LA	ADS-B
STA4839NM	TCAS 7.0
ST02406LA	TCAS 7.1
SA08-36	ELT 406MHz
SA23-25	RADIO ALTIMETER
ST03606AT	SATCOM
ST01518SE	WINGLETS
ST02198AT	DFADU
ST00381SE	EGPWS
ST01857SE	MZFW INCREASE TO 200,000 LBS
STO0526WI-D	8.33 KHZ SPACING
STO1490SE	FLIGHT DECK LAV
STO3843AT	ACARS
STO4194AT	ACARS DATALINK
STO4014AT	HONEYWELL CVR

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AVIONICS

FMCS Pegasus	Honeywell	4052506-955
VOR (2)	Collins	622-0726-103
HF Transceiver (2)	Collins	622-5272-001
ACARS CMU	Collins	822-1239-151
VHF data Radio (VDR)	Collins	822-1287-101
VHF Transceiver (2)	Collins	822-1044-004
IRU (3)	Honeywell	HG1050AD15
ELT Portable	ELTA	01N65920
ELT Fixed	ARTEX	453-5002-999
SELCAL	Motorola	NA138-714A
CVR	CVR	980-6022-001
DFDAU	Teledyne	2233000-816
DFDR	Honeywell	980-4700-042
Rad Alt (3)	Honeywell	2041166-5204
WX Radar	Collins	622-5133-005
EGPWS	Honeywell	965-0976-003-212-212
TCAS	ACSS	7517900-10020
Transponder (2)	ACSS	9008000-10001
ADF (2)	Bendix	2041168-7510
ESIS	L3	GH-3100
MCDU	Honeywell	4077880-908
DME 700 (2)	Collins	822-4540-001
MCDP	Honeywell	622-4593-505
MMR (3)	Collins	822-1821-002

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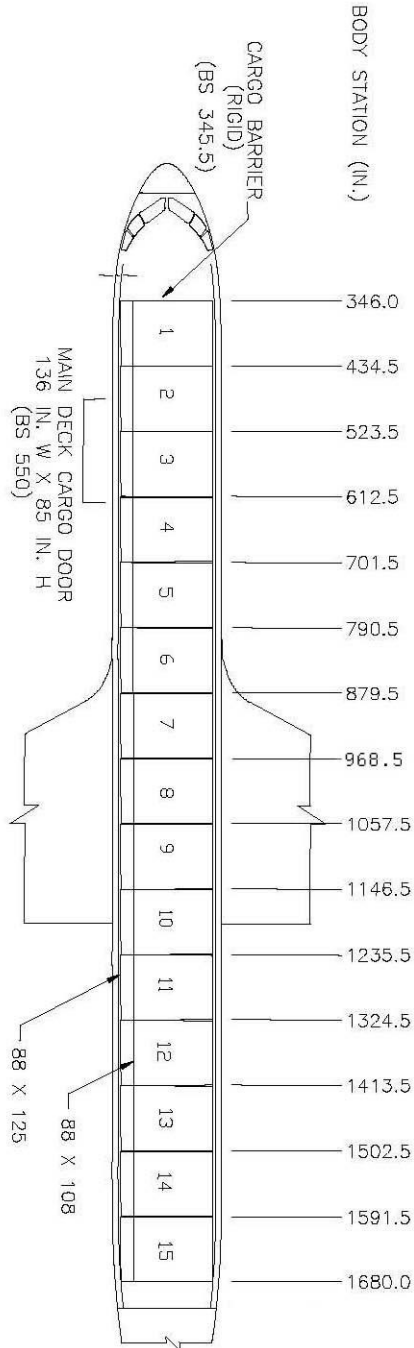
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MAIN CARGO AREA

Installation of ANCRA Cargo Loading System in Main Deck Area IAW STC ST01748LA





DATE: September 6, 2023

Engine Model: RB211-535E4-37/19B	
Engine S/N: 30924	
TSN: 37,622.0	TSLV: 4,296.0
CSN: 17,485	CSLV: 2,185

LIFE LIMITED PART STATUS																		
DESCRIPTION	P/N	S/N	USAGE CYCLES					OEM LIMIT (CYCLES)					PRORATED REMAINING CYCLES					
			Profile A	Profile B	Profile C	Profile G	Profile E	Profile A	Profile B	Profile C	Profile G	Profile E	Profile A	Profile B	Profile C	Profile G	Profile E	
04 Module	M04621AB	DM3938		-	-	-	-							N/A			N/A	
Disk-Rotor HP Turbine	UL39767	LDRCZ18335	2,185	-	-	-	4,108	19,500	14,700	-	14,000	14,000	11,593	8,739	-	8,323	8,323	
Disk-Rotor Stg 1-2 HP Comp	UL11678	DN66266	4,821	6,040	-	-	-	18,030	12,600	-	12,600	15,700	4,566	3,191	-	3,191	3,976	
Disk-Rotor Stg 3 HP Comp	UL29347	DEBH5897	17,454	4,481	-	-	-	25,100	25,100	-	25,100	25,100	3,165	3,165	-	3,165	3,165	
Shaft-Rotor Rear HP Comp	UL18114	DN64417	10,678	2,640	560	-	-	19,630	15,710	19,200	-	15,000	5,081	4,066	4,969	-	3,882	
05 Module	M05621AA	DM3934											N/A			N/A		
Disk-Rotor IP Turbine	UL27940	CREB0037	12,395	1,812	-	3,278	-	26,500	26,500	-	26,500	26,500	9,015	9,015	-	9,015	9,015	
Shaft-IP Turbine	UL20005	PAVP479	12,395	1,812	-	3,278	-	26,500	26,500	-	26,500	26,500	9,015	9,015	-	9,015	9,015	
Shaft-LP Turbine	UL37584	BAVP2071	12,395	1,812	-	3,278	-	25,200	16,270	-	16,270	16,000	4,921	3,177	-	3,177	3,125	
Disk-Rotor Stg 1 LP Turbine	UL29028	EETM4932	12,395	1,812	-	3,278	-	27,650	27,650	-	27,650	27,650	10,165	10,165	-	10,165	10,165	
Disk-Rotor Stg 2 LP Turbine	FW16689	SETM06003	12,395	1,812	-	3,278	-	26,300	20,900	-	20,900	22,700	7,500	5,960	-	5,960	6,473	
Disk-Rotor Stg 3 LP Turbine	UL29031	SETY01879	12,395	1,812	-	3,278	-	25,630	25,630	-	25,630	25,630	8,145	8,145	-	8,145	8,145	
06 Module	M06625AB	DM3934	17,485										17,485	-	-	-	-	
07 Module	M07624AU	DM4288	17,485										17,485	-	-	-	-	

LIMITER				
Profile A	Profile B	Profile C	Profile G	Profile E
3,165	2,667	-	-	3,125

REMARKS:

SIGNED BY: 
 NAME: Carrie Melo
 DESIGNATION: Manager Technical Records
 DATE: September 6, 2023

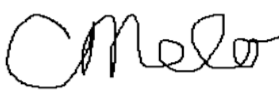


DATE: September 6, 2023

Engine Model: RB211-535E4-37/19B
Engine S/N: 31517
TSN: 76,896.2 TSLV: 11,256.2
CSN: 25,410 CSLV: 3,556

LIFE LIMITED PART STATUS																									
DESCRIPTION	P/N	S/N	Total Cyc	USAGE CYCLES							OEM LIMIT (CYCLES)							PRORATED REMAINING CYCLES							
				Profile A	Profile B	Profile C	Profile D	Profile E	Profile F	Profile G	Profile A	Profile B	Profile C	Profile D	Profile E	Profile F	Profile G	Profile A	Profile B	Profile C	Profile D	Profile E	Profile F	Profile G	
04 Module																									
Disk-Rotor HP Turbine	UL39767	LDRCZ16589	13,425	3,556	-	-	-	-	9,869	-	-	19,500	14,700	15,000	14,500	14,000	10,000	14,000	2,198	1,657	1,691	1,634	1,578	1,127	1,578
Disk-Rotor Stg 1-2 HP Comp	UL11678	MW0283140	15,398	15,398	-	-	-	-	-	-	18,030	12,600	15,700	15,700	15,700	15,700	12,600	2,632	1,839	2,292	2,292	2,292	2,292	1,839	
Disk-Rotor Stg 3 HP Comp	UL29347	DETM13680/A	23,308	23,308	-	-	-	-	-	-	25,100	25,100	15,000	15,000	25,100	15,000	25,100	1,792	1,792	1,071	1,071	1,792	1,071	1,792	
Shaft-Rotor Rear HP Comp	UL18114	RRCCDB7831	10,362	10,362	-	-	-	-	-	-	19,630	15,710	19,200	18,200	15,000	17,310	15,000	9,268	7,417	9,065	8,593	7,082	8,173	7,082	
05 Module																									
Disk-Rotor IP Turbine	UL27940	ADREB228	24,706	24,706	-	-	-	-	-	-	26,500	26,500	26,500	26,500	26,500	26,500	26,500	1,794	1,794	1,794	1,794	1,794	1,794	1,794	
Shaft-IP Turbine	UL37571	BAEF5245	25,410	25,410	-	-	-	-	-	-	26,500	26,500	26,500	26,500	26,500	26,500	26,500	1,090	1,090	1,090	1,090	1,090	1,090	1,090	
Shaft-LP Turbine	UL37584	SAEF906	15,403	15,403	-	-	-	-	-	-	25,200	16,270	16,000	16,000	16,000	16,000	16,270	9,797	6,325	6,220	6,220	6,220	6,220	6,325	
Disk-Rotor Stg 1 LP Turbine	UL29028	EETM5622	24,706	24,706	-	-	-	-	-	-	27,650	27,650	27,650	27,650	27,650	27,650	27,650	2,944	2,944	2,944	2,944	2,944	2,944	2,944	
Disk-Rotor Stg 2 LP Turbine	FW16689	SETM09690-A	24,490	24,490	-	-	-	-	-	-	26,300	20,900	27,650	27,650	22,700	27,650	20,900	1,810	1,438	1,903	1,903	1,562	1,903	1,438	
Disk-Rotor Stg 3 LP Turbine	UL29031	SETY02325	23,308	23,308	-	-	-	-	-	-	25,630	25,630	25,630	25,630	25,630	25,630	25,630	2,322	2,322	2,322	2,322	2,322	2,322	2,322	
Spherical Bearing	FW62968	202291136886	10,362	10,362	-	-	-	-	-	-	36,000	36,000	36,000	36,000	36,000	36,000	36,000	25,638	25,638	25,638	25,638	25,638	25,638	25,638	
Bush (Spherical)	FW18125	KY1793	10,362	10,362	-	-	-	-	-	-	12,000	12,000	12,000	12,000	12,000	12,000	12,000	1,638	1,638	1,638	1,638	1,638	1,638	1,638	

LIMITER						
Profile A	Profile B	Profile C	Profile D	Profile E	Profile F	Profile G
1,090	1,090	1,071	1,071	1,090	1,071	1,090

REMARKS: 	 SIGNED BY: NAME: Carrie Melo DESIGNATION: Manager Technical Records DATE: September 6, 2023
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