

2000 EMBRAER 145LR

Ref: AC191040



AIRCRAFT SPECIFICATIONS

Data as of: 9/18/2017

GENERAL DATA

Manufacturer:	EMBRAER
Registration No.	
Model	EMB-145LR
Serial Number	MAS1453

Line No.	
Date of Manufacture	2000
Total Airframe Hours	43,987
Total Airframe Cycles	36,609

OPERATIONAL WEIGHTS (lbs)

Max Taxi	48,708
Max Take-Off	48,488
Max ZFW	39,452

Max Landing Wt.	42,537
Basic Op. Empty Wt.	
Max Fuel	

ENGINE DATA

Manufacturer: ROLLS ROYCE

Model: AE3007A1

POSITION NUMBER	SERIAL NUMBER	TSN	CSN	Next Limit Disk	LIMITER	
					HRS	CYCLES
#1		37,436	34,418	2 TURB		5,580
#2		37,438	34,915	1-2 SPACER		1,839

LANDING GEAR DATA

Manufacturer: EMBRAER

Position	P/N	S/N	INTERVAL		TIME REMAIN DAYS	CYCLES REMAIN
			Cycles	Calendar		
Nose			20,000			8,604
Left			20,000			7,195
Right			20,000			7,195

APU

Manufacturer:	SUNDSTRAND		APS500R			
SERIAL NUMBER	TIME (hrs)		NEXT LIMIT			
	TOT TIME	TOT CYCLES	DISK			CYCLES REMAIN
	10,348	16,096	T WHEEL			10,526

AIRCRAFT CONFIGURATION

50Y
3 GALLEYS, 1 LAV

AIRFRAME MAINTENANCE PROGRAM

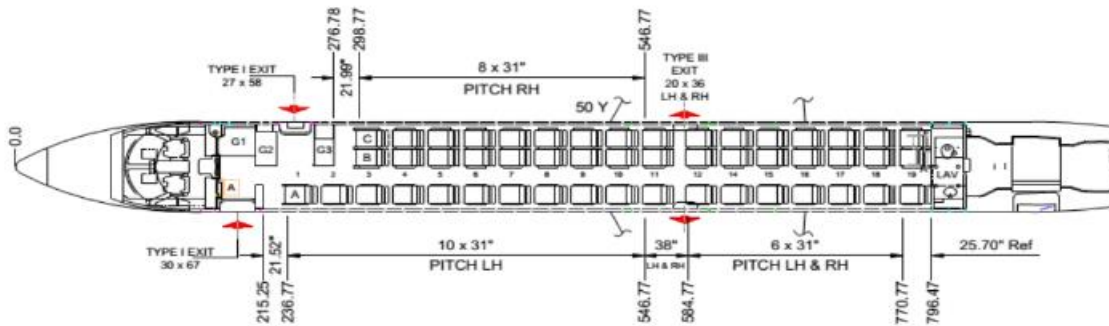
Program: AIRLINE

CHECK	HRS REMAIN	Scheduled
"2C"	1,094	4/9/2018
"4C"	2,535	11/11/2018

AVIONICS

-AVIONICS LIST					
ATA	COMPONENT DESCRIPTION	PART NUMBER	ATA	COMPONENT DESCRIPTION	PART NUMBER
22	CNTRLLER, ATPLT	7003897-925	31	ARAL WARNNG NT	80-0694-2-5
23	PASSENGER ADDRESS AMPLFER	5482-1MODD	31	DIGITAL CLOCK	APE4190-014
23	RADIO MANAGEMENT UNIT	7013270-965	32	BRAKE CNTRL NT	42-951-6
23	INTEGRATED COMMUNICATIONS UNIT	7510700-766	34	RT-300 R/A RECEIVER-TRANSMITTER	7001840-937
23	DIGITAL AUDIO PANEL (AV-850A)	7511001-939	34	AIR DATA COMPUTER	7014700-626
24	GENERATR CNTRL NT	51545-002A	34	DSPLA CNTRLLER WTH FMS	7016986-505
26	SWTCH, ENGE FRE	1-7054-1	34	GDANCE CNTRL NT GC 550	7021170-951
26	SWITCH ENG2 FIRE EXTING	2-7054-1	34	INTEGRATED NAVIGATION UNIT	7510100-633
27	NT,DATA PRCESSNG STALL PR	0020BN4	34	INTEGRATED STANDBY INSTRUMENT	C16221GD04
27	HR STAB CNTRL NT	362100-1013	45	CENTRAL MAINTENANCE CMPTR	251-116-013-011
31	DATA ACQUISITION UNIT	7013348-949	73	FADEC	4504205F
31	NT,DSPLA D 870,ECAS/PFD	7014300-901	73	FADEC	23093344
31	C 600 WTH ATPLT	7017000-82430			

LOPA:



Engine #1 Disk Sheet:

Engines		Model	Serial Number	Total Time	Total Cycles	Date Last Shop	TSLSV	CSLSV			
LH Position		AE3007A1		37,436 FH	34,418 FC	20-sep-16	1,002 FH	948 FC			
Part Description	Part Number	Serial Number	8130-3 / Form One	Installation Date	Last Shop Visit		Present Value		Interval (FC)	Remaining (FC)	%
					Hours	Cycles	Hours	Cycles			
FAN WHEEL	23092206	MW70607	Cert. Copy	10-Dec-14	32725	30000	4,711.19	4,418	20,000	15,582	78%
FAN DRIVE SHAFT	23074382	GV277057	Cert. Copy	10-Dec-14	32725	30000	4,711.19	4,418	35,000	30,582	87%
FORWARD FAN BLADE RETAINER	23062491	HK122583	Cert. Copy	10-Dec-14	32725	30000	4,711.19	4,418	20,000	15,582	78%
1ST-STAGE COMPRESSOR WHEEL	23084156	L407964	Copy	07-Sep-16	36434	33470	1,002.39	948	30,000	29,052	97%
2ND-STAGE COMPRESSOR WHEEL	23084167	L390586	Cert. Copy	15-Dec-14	32725	30000	4,711.19	4,418	20,000	15,582	78%
3RD-STAGE COMPRESSOR WHEEL	23084158	L398376	Cert. Copy	15-Dec-14	32725	30000	4,711.19	4,418	20,000	15,582	78%
4TH-STAGE COMPRESSOR WHEEL	23084159	L396608	Cert. Copy	15-Dec-14	32725	30000	4,711.19	4,418	20,000	15,582	78%
5TH-STAGE COMPRESSOR WHEEL	23084160	L402113	Cert. Copy	15-Dec-14	32725	30000	4,711.19	4,418	20,000	15,582	78%
6TH-STAGE COMPRESSOR WHEEL	23084161	L337855	Copy	27-Sep-08	16546	14987	20,889.87	19,431	30,000	10,569	35%
7TH-STAGE COMPRESSOR WHEEL	23084162	L326118	Copy	27-Sep-08	16546	14987	20,889.87	19,431	30,000	10,569	35%
8TH-STAGE COMPRESSOR WHEEL	23084163	L329363	Copy	27-Sep-08	16546	14987	20,889.87	19,431	30,000	10,569	35%
9TH-STAGE COMPRESSOR WHEEL	23084164	L323314	Copy	27-Sep-08	16546	14987	20,889.87	19,431	30,000	10,569	35%
10TH-STAGE COMPRESSOR WHEEL	23084165	L333021	Copy	27-Sep-08	16546	14987	20,889.87	19,431	30,000	10,569	35%
11TH-STAGE COMPRESSOR WHEEL	23084166	L328480	Copy	27-Sep-08	16546	14987	20,889.87	19,431	30,000	10,569	35%
12TH-STAGE COMPRESSOR WHEEL	23084167	L396596	Cert. Copy	15-Dec-14	32725	30000	4,711.19	4,418	30,000	25,582	85%
13TH-STAGE COMPRESSOR WHEEL	23084168	L386277	Cert. Copy	15-Dec-14	32725	30000	4,711.19	4,418	30,000	25,582	85%
14TH-STAGE COMPRESSOR WHEEL	23084169	L311316	Copy	27-Sep-08	16546	14987	20,889.87	19,431	30,000	10,569	35%
COMPRESSOR SHAFT CONE ASSEMBLY	23084170	L311912	Copy	27-Sep-08	16546	14987	20,889.87	19,431	30,000	10,569	35%
1ST-STAGE HIGH PRESSURE TURBINE WHEEL	23088906	MW77993	Cert. Copy	15-Dec-14	32725	30000	4,711.19	4,418	35,000	30,582	87%
2ND-STAGE HIGH PRESSURE TURBINE WHEEL	23088818	MW64528	Cert. Copy	16-Dec-10	22154	19998	15,262.19	14,420	20,000	5,580	28%
1ST-TO 2ND-STAGE TURBINE SPACER	23089137	SAC11026	Copy	06-Sep-16	36434	33470	1,002.39	948	30,000	29,052	97%
1ST-STAGE LOW-PRESSURE TURBINE WHEEL	23090091	MW79209	Cert. Copy	16-Dec-14	32725	30000	4,711.19	4,418	35,000	30,582	87%
2ND-STAGE LOW-PRESSURE TURBINE WHEEL	23088282	MW78816	Cert. Copy	16-Dec-14	32725	30000	4,711.19	4,418	35,000	30,582	87%
3RD-STAGE LOW-PRESSURE TURBINE WHEEL	23079224	MW75761	Cert. Copy	16-Dec-14	32725	30000	4,711.19	4,418	35,000	30,582	87%
1ST TO 2ND LPT INTERSTAGE SPACER	23089136	LT230400	Cert. Copy	16-Dec-14	32725	30000	4,711.19	4,418	35,000	30,582	87%
2ND TO 3RD LPT INTERSTAGE SPACER	23089136	LT230379	Cert. Copy	16-Dec-14	32725	30000	4,711.19	4,418	35,000	30,582	87%
LOW-PRESSURE TURBINE FORWARD SHAFT	23074538	GV277317	Cert. Copy	16-Dec-14	32725	30000	4,711.19	4,418	35,000	30,582	87%

TO THE BEST OF OUR KNOWLEDGE THE ABOVE INFORMATION IS TRUE AND ACCURATE

Engine #2 Disk Sheet:

Engines		Model	Serial Number	Total Time	Total Cycles	Date Last Shop	TSLSV	CSLSV			
RH Position		AE3007A1		37438.71 FH	34,915 FC	13-nov-15	2,932 FH	2,814 FC			
LLP List											
Part Description	Part Number	Part Serial	8130-3	Installation Date	Hour & cycles from engine at llp installation		LLP Present Value		Interval (FC)	Remaining (FC)	%
					Hours	Cycles	Hours	Cycles			
FAN WHEEL	23077611	MW70922	Certified true copy	29-Oct-15	34506.74	32101	2,931.97	2,814	20,000	17,186	86%
FAN DRIVE SHAFT	23074382	GV277906	Certified true copy	29-Oct-15	34506.74	32101	2,931.97	2,814	35,000	32,186	92%
FORWARD FAN BLADE RETAINER	23062491	HK123007	Certified true copy	29-Oct-15	34506.74	32101	2,931.97	2,814	20,000	17,186	86%
1ST-STAGE COMPRESSOR WHEEL	23084156	L339188	Copy	31-Jul-09	16659.03	15049	20,779.68	19,866	30,000	10,134	34%
2ND-STAGE COMPRESSOR WHEEL	23084157	L390515	Certified true copy	09-Nov-15	34506.74	32101	2,931.97	2,814	20,000	17,186	86%
3RD-STAGE COMPRESSOR WHEEL	23084158	L398607	Certified true copy	09-Nov-15	34506.74	32101	2,931.97	2,814	20,000	17,186	86%
4TH-STAGE COMPRESSOR WHEEL	23084159	L403794	Certified true copy	09-Nov-15	34506.74	32101	2,931.97	2,814	20,000	17,186	86%
5TH-STAGE COMPRESSOR WHEEL	23084160	L402385	Certified true copy	09-Nov-15	34506.74	32101	2,931.97	2,814	20,000	17,186	86%
6TH-STAGE COMPRESSOR WHEEL	23084161	L338266	Copy	31-Jul-09	16659.03	15049	20,779.68	19,866	30,000	10,134	34%
7TH-STAGE COMPRESSOR WHEEL	23084162	L326276	Copy	31-Jul-09	16659.03	15049	20,779.68	19,866	30,000	10,134	34%
8TH-STAGE COMPRESSOR WHEEL	23084163	L329867	Copy	31-Jul-09	16659.03	15049	20,779.68	19,866	30,000	10,134	34%
9TH-STAGE COMPRESSOR WHEEL	23084164	L323969	Copy	31-Jul-09	16659.03	15049	20,779.68	19,866	30,000	10,134	34%
10TH-STAGE COMPRESSOR WHEEL	23084165	L333462	Copy	31-Jul-09	16659.03	15049	20,779.68	19,866	30,000	10,134	34%
11TH-STAGE COMPRESSOR WHEEL	23084166	L328862	Copy	31-Jul-09	16659.03	15049	20,779.68	19,866	30,000	10,134	34%
12TH-STAGE COMPRESSOR WHEEL	23084167	L320947	Copy	31-Jul-09	16659.03	15049	20,779.68	19,866	30,000	10,134	34%
13TH-STAGE COMPRESSOR WHEEL	23084168	L316419	Copy	31-Jul-09	16659.03	15049	20,779.68	19,866	30,000	10,134	34%
14TH-STAGE COMPRESSOR WHEEL	23084169	L340803	Copy	31-Jul-09	16659.03	15049	20,779.68	19,866	30,000	10,134	34%
COMPRESSOR SHAFT CONE ASSEMBLY	23084170	L378638	Certified true copy	23-Sep-13	30637.00	27962	6,801.71	6,863	30,000	23,047	77%
1ST-STAGE HIGH PRESSURE TURBINE WHEEL	23088906	MW61148	Certified true copy	29-Oct-15	34506.74	32101	2,931.97	2,814	35,000	32,186	92%
2ND-STAGE HIGH PRESSURE TURBINE WHEEL	23088818	MW93504	Certified true copy	29-Oct-15	34506.74	32101	2,931.97	2,814	20,000	17,186	86%
1ST-TO 2ND-STAGE TURBINE SPACER	23076778	TW513464	No 8130-3	22-Nov-04	7484.00	6754	29,954.71	28,161	30,000	1,839	6%
1ST-STAGE LOW-PRESSURE TURBINE WHEEL	23090091	MW79341	Certified true copy	03-Nov-15	34506.74	32101	2,931.97	2,814	35,000	32,186	92%
2ND-STAGE LOW-PRESSURE TURBINE WHEEL	23088282	MW83201	Certified true copy	03-Nov-15	34506.74	32101	2,931.97	2,814	35,000	32,186	92%
3RD-STAGE LOW-PRESSURE TURBINE WHEEL	23079224	MW81999	Certified true copy	03-Nov-15	34506.74	32101	2,931.97	2,814	35,000	32,186	92%
1ST TO 2ND LPT INTERSTAGE SPACER	23089136	LT231172	Certified true copy	03-Nov-15	34506.74	32101	2,931.97	2,814	35,000	32,186	92%
2ND TO 3RD LPT INTERSTAGE SPACER	23089136	LT231108	Certified true copy	03-Nov-15	34506.74	32101	2,931.97	2,814	35,000	32,186	92%
LOW-PRESSURE TURBINE FORWARD SHAFT	23074538	GV277378	Certified true copy	03-Nov-15	34506.74	32101	2,931.97	2,814	35,000	32,186	92%

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