

# Available for Sale or Lease



**1996 Embraer ERJ-145EP**  
**MSN145005**  
**N15926**



Joel Hussey  
joel@tailwindcapital.net  
+1 425 802 0767

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Bryson Monteleone  
bryson@tailwindcapital.net  
+1 703 608 8058

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# 1996 Embraer ERJ-145EP

## Airframe / Engines / APU

Available: September 2013  
MSN: 145005  
Airframe: ERJ-145EP  
32,174 Total Hours  
31,239 Total Cycles  
(As of July 2013)

Engines: Rolls-Royce/Allison AE3007A1  
Engine #1: 31,541 Total Hours  
(CAE310006) 26,892 Total Cycles  
Engine #2: 34,115 Total Hours  
(CAE310007) 26,889 Total Cycles

APU: Hamilton Sundstrand APS 500R  
MSN TBD

## Aircraft Maintenance

Next '10 Year' Heavy Check – August 2014  
Current on calendar and life limited items  
Engines Maintained On Condition  
APU Maintained On Condition



## Weights

Fuel Capacity 1,374 US Gallons  
Max. Takeoff Weight: 46,495 lbs  
Max. Landing Weight: 41,226 lbs  
Max. Zero Fuel Weight: 37,699 lbs

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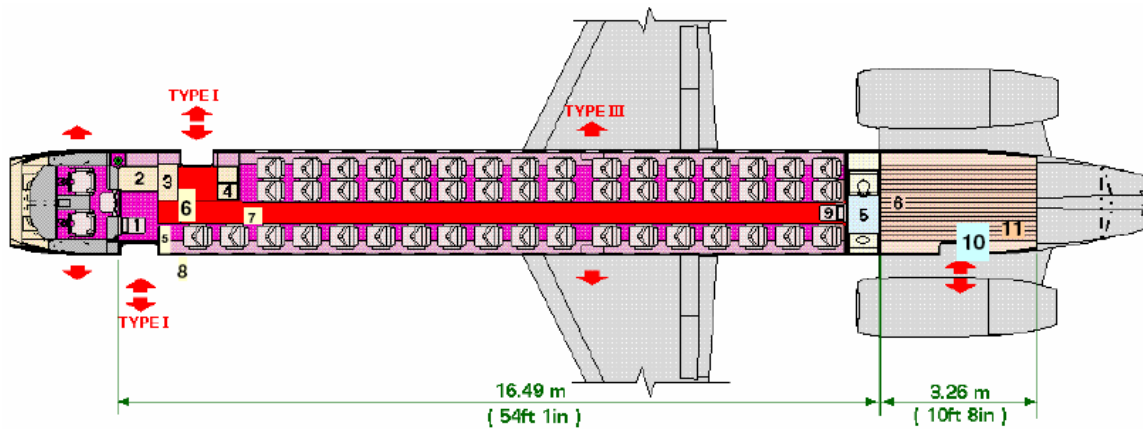
### Avionics

AH-900 Attitude & Heading Reference Unit  
Air Data Computer  
Autopilot Controller (PC-400)  
GPS  
FMS  
Weather Radar  
VHF Communication  
VHF Navigation  
Radio Altimeter  
ADF  
DME  
EGPWS  
Voice Recorder  
DFDR  
TCAS II  
ATC Transponder  
Mode "S" Transponder  
Standby Attitude Indicator

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Sample ExpressJet Interior

Figure 1-19: ERJ 145 Standard Interior Arrangement

- 1 - Flight Attendant Seat (Standard)
- 2 - Wardrobe / Carry on Baggage - 0.93 m<sup>3</sup> (32.9 ft<sup>3</sup>) / 70 kg (154 lb)
- 6 - Stowage Compartment and Galley - 0.45 m<sup>3</sup> (16 ft<sup>3</sup>) / 40 kg (88 lb)
- 7 - Galley - 0.99 m<sup>3</sup> (34.8 ft<sup>3</sup>) / Catering - 160 kg (353 lb)
- 8 - Emergency Equipment Stowage Unit
- 9 - Second Flight Attendant Seat (Optional)
- 10 - Lavatory - 2.0 m<sup>3</sup> (71 ft<sup>3</sup>)
- 11 - Baggage Compartment - 9.2 m<sup>3</sup> (325 ft<sup>3</sup>) / 1,200 kg (2,646 lb)

## Interior

Cockpit	2 Crew
Passenger	50Y Seats
Galleys	1 Forward
Lavatories	1 Aft

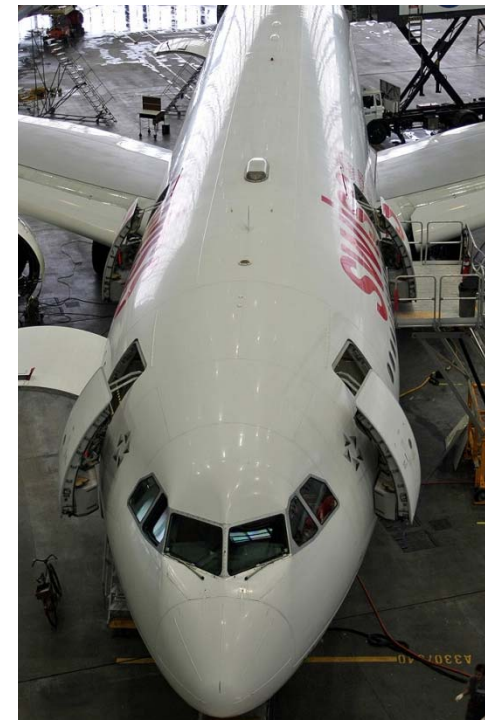
## Exterior

Continental/ ExpressJet Livery  
 Overall white with blue lettering and "Globe" tail

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## Maintenance Intervals

<u>DESCRIPTION</u>	<u>SCHEDULED INTERVAL</u>	<u>DATE</u>
ERJ TIRE PRESSURE CHECK 2 CALENDAR DAY		WEEKLY
ERJ SERVICE CHECK 3 CALENDAR DAY		WEEKLY
ERJ ROUTINE CHECK 6 CALENDAR DAY		WEEKLY
ERJ "A" CHECK 1A THROUGH 4A	500 FH	
ERJ "5A" CHECK	2,750 FH	
ERJ "C" CHECK 1C AND 2C	5,000 FC	
TIME SINCE LAST "C" CHECK (1C)		2,674 FC
TIME REMAINING TO NEXT "C" (2C)		2,326 FC
TIME REMAINING TO NEXT "A" (1A)		198 FH
TIME REMAINING TO NEXT "5A"		2,681 FH
TIME REMAINING TO NEXT "4,000 FLT CY" CHECK		1,325 FC
TIME REMAINING TO NEXT "10,000 FLT HR" CHECK		2,514 FH
TIME REMAINING TO "10 YEAR TASKS"		August 2014
TIME REMAINING TO NEXT "30,000 FLT CY" CHECK		2,732 FC
TIME REMAINING TO NEXT "AIRCRAFT WEIGH"		Not Available



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These engines are currently maintained on an "on-condition" basis pursuant the Rolls-Royce Total Care Program. The engines are eligible for continued enrollment in this program, certain restrictions do apply. For more information about TotalCare visit: [www.rolls-royce.com/civil/totalcare](http://www.rolls-royce.com/civil/totalcare)

## Engine Information (310006) As of July 2013



	Remaining Engine Life	
	Current	Total Life
10TH STAGE WHEEL,COMP ROTOR	22,730	30,000
11TH STAGE WHEEL,COMP ROTOR	22,730	30,000
12TH STAGE WHEEL,COMP ROTOR	22,730	30,000
13TH STAGE WHEEL,COMP ROTOR	22,730	30,000
14TH STAGE WHEEL,COMP ROTOR	22,730	30,000
1ST STAGE LP TURBINE WHEEL	27,504	30,000
1ST STAGE WHEEL, COMP ROTOR	15,485	30,000
2ND STAGE LP TURBINE WHEEL	4,387	30,000
2ND STAGE WHEEL,COMP ROTOR	12,730	20,000
3RD LP TURBINE WHEEL	10,579	30,000
3RD STAGE WHEEL, COMP ROTOR	12,730	20,000
4TH STAGE WHEEL,COMP ROTOR	12,730	20,000
5TH STAGE WHEEL,COMP ROTOR	12,730	20,000
6TH STAGE WHEEL,COMP ROTOR	22,730	30,000
7TH STAGE WHEEL	22,730	30,000
8TH STAGE WHEEL,COMP ROTOR	22,730	30,000
9TH STAGE WHEEL,COMP ROTOR	12,730	20,000
CONE SHAFT	22,730	30,000
FAN BLADE FWD RETAINER	12,730	20,000
FAN DRIVE SHAFT	27,504	30,000
HP TURBINE WHEEL, 2ND STAGE	8,485	23,000
SHAFT, LP TURBINE FWD	22,770	30,000
SPACER 1ST & 2ND STAGE	15,485	30,000
SPACER, INTERSTAGE LP TURBINE	4,387	30,000
SPACER, INTERSTAGE LP TURBINE	4,387	30,000
TURBINE, 1ST STAGE HP	6,325	30,000
WHEEL, FAN	<u>5,485</u>	<u>20,000</u>

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## Engine Information (310007) As of July 2013



	Remaining Engine Life	
	Current	Total Life
10TH STAGE WHEEL,COMP ROTOR	21,728	30,000
11TH STAGE WHEEL,COMP ROTOR	21,728	30,000
12TH STAGE WHEEL,COMP ROTOR	21,728	30,000
13TH STAGE WHEEL,COMP ROTOR	21,728	30,000
14TH STAGE WHEEL,COMP ROTOR	21,728	30,000
1ST STAGE LP TURBINE WKEEL	21,728	30,000
1ST STAGE WHEEL, COMP ROTOR	8,979	30,000
2ND STAGE HP TURBINE WHEEL	3,529	23,000
2ND STAGE LP TURBINE WKEEL	17,735	30,000
2ND STAGE WHEEL,COMP ROTOR	8,979	20,000
3RD LP TURBINE WHEEL	11,728	30,000
3RD STAGE WHEEL, COMP ROTOR	8,979	20,000
4TH STAGE WHEEL,COMP ROTOR	11,728	20,000
5TH STAGE WHEEL,COMP ROTOR	11,728	30,000
6TH STAGE WHEEL,COMP ROTOR	11,728	30,000
7TH STAGE WHEEL	21,728	30,000
8TH STAGE WHEEL,COMP ROTOR	21,728	30,000
9TH STAGE WHEEL,COMP ROTOR	21,728	30,000
CONE SHAFT	21,728	30,000
FAN BLADE FWD RETAINER	3,529	20,000
SHAFT, FAN DRIVE	11,728	30,000
SHAFT, LP TURBINE FWD	8,979	30,000
SPACER 1ST & 2ND STAGE	21,728	30,000
SPACER, INTERSTAGE LP TURBINE	13,529	30,000
SPACER, INTERSTAGE LP TURBINE	21,728	30,000
TURBINE, 1ST STAGE HP	21,728	30,000
WHEEL, FAN	<u>8,979</u>	<u>20,000</u>

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