

SOLJETS



2014 Embraer Legacy 500

SN 55000010 | XA-TFR



Passenger

9



Mach

0.83



Range (NM)

3,125

AIRFRAME

Program Coverage: EEC Enhanced

Total Hours: 2,427

Total Landings: 1,468

ENGINES - Honeywell HTF7500E

Program Coverage: MSP Gold

	Left	Right
Serial Number:	P131122	P131123
Total Hours:	2,393	2,393
Total Cycles:	1,443	1,443

APU - Honeywell GTCP36-150

Program Coverage: MSP Gold

Serial Number: P-111

Total Hours: 2,694

AIRCRAFT HIGHLIGHTS

- Auto Brake and Autothrottle
- Certified Crew Jump Seat
- Swift Broadband High Speed Data
- CPDLC
- CAMP Maintenance Tracking
- Enrolled on MSP Gold and EEC Enhanced

INTERIOR

- Nine (9) Passenger Seating Completed in Light Gray Leather including (6) Six Fully Berth-able Seats and Three (3) Place Divan. Aircraft Features Aft Lavatory and Forward Galley. New Carpet Installed May 2023.

EXTERIOR

- Overall Snow White with Blue and Gray Accents.

CONTACT

sales@soljets.com

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AVIONICS

- Rockwell Collins Pro Line Fusion
- Four 15.1-inch Active Matrix LCD Displays
- Synthetic Vision System (SVS) with full-screen presentation
- Dual Air Data System RVSM compatible
- Dual Enhanced Attitude Heading Reference System (AHRS)
- TCAS II and Enhanced Mode S Transponder System
- Second Enhanced Mode S Transponder
- Terrain awareness and warning system class A (TAWS-A)
- Dual Global Positioning System (GPS) with SBAS/WAAS
- Dual navigation receivers (VOR/ILS/MB)
- Distance Measuring Equipment (DME) Receiver
- Radio altimeter
- Multiscan Weather Radar
- Third VHF
- Single HF Plus SELCAL ACARS Datalink
- CPDLC - Controller to Pilot Datalink Communication

FEATURES / OPTIONS

- Datalink Graphical Weather
- Satellite Datalink Weather (XM)
- Electronic checklists
- Cockpit Voice Recorder (CVR)
- Flight Data Recorder (FDR)
- Three frequency Emergency Locator
- Autothrottle System
- Auto Brake System
- CAT-II Approach Certification
- 115 cu. Ft. Oxygen Cylinder
- New generation In-Flight Entertainment system HONEYWELL OVATION SELECT
- Standard Vacuum Toilet
- Internal Baggage Compartment accessible In flight
- Heating System for Baggage Compartment
- Hot and Cold water in lavatory
- Enhanced Cabin Management System
- 19" HD Monitors Upgrade
- Galley /Cabin Pocket Door
- High Power Outlets - 115V
- Additional Power Outlets (110V - Output)
- HEPA Air Filters
- Main Door Thermo-Acoustic Curtain
- Stone Veneers on Countertop
- Certified Crew Jump Seat
- Swift Broadband High Speed Data

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HIGH SPEED CRUISE

(mid cruise weight)

466 ktas 863 km/hr

NBAA IFR RANGE

(200 nm Alternate)

Long Range Cruise with 4 Passengers

3,125 nm 5,788 km

AIRPORT PERFORMANCE

(Dry, Level, Hard, Zero Wind)

Takeoff distance (SL, ISA, MTOW)

4,084 ft 1,245 m

Landing distance (SL, ISA, 4 pax + NBAA IFR w / 200 nm alt.)

2,122 ft 647 m

CEILING

Maximum certified

45,000 ft 13,716 m

RATES OF CLIMB

All engines

3,866 ft/min 1,178 m/min

Single engine

841 ft/mi 256 m/m

AIRSPEED LIMITS

Vmo

320 kcas 593 km/h

Mmo

Mach 0.83

PRESSURIZATION

Nominal pressure differential

9.6 psi 66.2 kPa

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OUTSIDE DIMENSIONS

Overall length	68 ft 1 in	20.74 m
Overall height	21 ft 2 in	6.44 m
Wingspan	66 ft 5 in	20.25 m

CABIN DIMENSIONS

Length (excluding cockpit)	24 ft 7 in	7.50 m
Height	6 ft	1.82 m
Width	6 ft 10 in	2.08 m

ENGINES

Two (2) Honeywell HTF7500E

Takeoff thrust	7,036 lb
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DESIGN WEIGHTS AND CAPACITIES

Max ramp weight	38,095 lb	17,280 kg
Max takeoff weight	37,919 lb	17,200 kg
Max landing weight	34,127 lb	15,480 kg
Max zero fuel weight	26,499 lb	12,020 kg
Basic operating weight	23,437 lb	10,631 kg
Maximum payload	2,800 lb	1,270 kg
Maximum usable fuel	13,058 lb	5,923 kg
Payload with full fuel	1,600 lb	726 kg

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