



PREOWNED / LEGACY[®] 500
BY EMBRAER

SN 014







RockwellCollins
CHECKLIST BEFORE START
ELECTRONIC CHECKLIST APPLICABLE TO
QNH 3004-200 FAA REVISION 10
CAUTION
If this part number and version do not match with current QR part number and version, do not use ECL.
STEERING.....DISCONNECTED
EMER LT Switch.....ARMED
FASTER BELTS Switch.....ON
SELECT NEW FORMAT

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CLEAN-SHEET DESIGN.

The Legacy 500 is the new definition of midsize jets. Its advanced technology and avionics give you a flight experience like no other. Full fly-by-wire controls and the advanced Rockwell Collins Pro Line Fusion™ platform puts pilots in complete control.

UNCOMPROMISED COMFORT.

At 6 ft. tall and 6 ft. 10 in. wide, the cabin of the Legacy 500 is the largest in its class. With a fully-equipped galley, excellent connectivity and in-flight entertainment, and the finest attention to comfort details, relaxing is effortless

PERFORMANCE DATA

Range:	3,125 nm (5,788 km)
(LRC, 4 passengers and NBAA IFR reserves with 200 nm alternate airport)*	
Mmo (Maximum Operating Mach):	Mach 0.83
High Speed Cruise:	Mach 0.82
Takeoff Distance:	4,084 ft (1,245 m)
(MTOW, Sea Level, ISA)	
Unfactored Landing Distance:	2,122 ft (647 m)
(MLW, Sea Level, ISA)	
Maximum Operating Altitude:	45,000 ft (13,716 m)
Maximum Takeoff Weight:	37,919 lb (17,200 kg)
Maximum Landing Weight:	34,127 lb (15,480 kg)
Maximum Zero Fuel Weight:	26,499 lb (12,020 kg)
Maximum Payload:	2,800 lb (1,270 kg)*
Payload - Full Fuel:	1,779 lb (807 kg)*
Maximum Usable Fuel:	13,058 lb (5,923 kg)
(Adopted fuel density 6.70 lb/US gal (0.803 kg/l))	

*Standard configuration
(weights may vary according to optional equipment installed or interior layouts)



AIRFRAME

Aircraft Certification: FAA
Aircraft Model: EMB-550
Hours: 1261 Cycle: 683 (As per June, 2019)
Manufacture Date: 2015

ENGINES

Manufacturer: Honeywell
Model: AS907-3-1E
Left Serial Number: P131131
Right Serial Number: P131130
MSP Gold

APU

Manufacturer: Honeywell
Model: 36-150
APU SN: P-116
MSP Gold

AVIONICS

Rockwell Collins Pro Line Fusion
Synthetic Vision System (SVS) with Full-Screen Presentation
Autothrottle System
ADSB Out
FMS 4D Trajectory
RNP AR 0.3
2nd Autothrottle
ELT/NAV
Single ADF
3rd VHF
Dual HF plus SELCAL
ACARS Datalink
CPDLC over ATN
Datalink Graphical Weather
Weather Radar Mode - Automatic Multiscan
Satellite Datalink Weather (XM®)
Surface Management System (SMS)
Quick Access Recorder
Iridium Satellite Phone
Swift Broadband High Speed Data
Gogo 4G AVANCE L5 with Text & Talk and VoD
XM Satellite Radio
Autobrake
Steep Approach Capability
HALTO
FANS IA

LAVATORY

Belted Toilet
Vacuum Toilet Externally Serviceable

ENTERTAINMENT

Individual Monitors Receptacle - 2 Monitors Included
Media Server
JetMap™
2nd 17" HD Monitors
Auxiliary Panel

GALLEY

Microwave Oven
Convection Oven
Nespresso Machine

UTILITY

Life Raft FAA/ANAC + Life Line
115 cu. ft. Capacity Oxygen Cylinder
110 Minutes Cargo Fire Suppression System
Crash Axe
Towing Kit
Baggage Compartment Ladder
Servicing Ladder
Heating system for Baggage Compartment
HEPA Filter
Logo Light

INTERIOR

9 Pax - Divan AFT RH
Enhanced Cabin Management System
1x Premium Seat
5x Enhanced Seats
Cockpit/Galley Curtain
Galley/Cabin Door
Main Door Thermo-Acoustic Curtain
Additional Power Outlets
High Power Outlets 115V
Stone Floor in Galley and Lavatory

COCKPIT

Paperless Operation Capability
Pilot Tables
Magnetic Compass
Bose Headsets



Embraer Executive Jets
+1 (321) 751-5081
preflown@embraer.com
executive.embraer.com/preflown

Aircraft Specifications Subject to Verification upon Inspection.
Aircraft Subject to Prior Sale or Withdrawal from Market. Imagery for illustration purposes only.