



AIRFRAME & ENGINE INFORMATION & CAPABILITIES



AIRFRAME CAPABILITIES

Duncan Aviation's full-service facilities in Battle Creek, Michigan; Lincoln, Nebraska; and Provo, Utah, are part of the EASC (Embraer Authorized Service Center) network and are approved for line and base maintenance on the Embraer Phenom 100 and 300, the Legacy 450 and 500, the Praetor 500 and 600, and the Legacy 600 and 650 aircraft.

Duncan Aviation offers the following airframe services:

- Pre-buy evaluations
- Scheduled & unscheduled inspections
- Composite repairs
- Service Bulletins / ADs
- Fuel leaks
- Major structural repairs
- EEC (Embraer Executive Care)

Duncan Aviation can perform all scheduled and unscheduled maintenance, including the following:

- AOG assistance, worldwide
- Any unscheduled event that affects the normal operation of the aircraft
- Repair of in-flight discrepancies reported by flight crews or maintenance control
- Routine daily and en-route inspection required by operator
- Troubleshooting
- Components replacement with use of external test equipment, if required
- Defect rectification
- Landing gear, engine and APU removal and installation
- Repairs and modifications
- Painting/interior refurbishment or avionics system installations done in conjunction with airframe work
- Low & high utilization inspections

Our Embraer team consists of A&P and IA-qualified aircraft inspectors and factory-trained specialists available around the clock to help with maintenance-related questions and troubleshooting.

Tracker, Duncan Aviation's computerized tracking system, is available to track aircraft maintenance.

ACCESSORIES

- Landing Gear Overhaul capabilities for Legacy 600 and 650

ENGINE CAPABILITIES

- Honeywell AS907, AE3007A, AE3007C (HTF7500) Series
Minor/Line—Lincoln Line—Battle Creek/Provo
- HTF7000 Line/Minor Level Honeywell Authorized Service Center
- HTF7000 4000/8000 hr. borescope inspections and periodic maintenance
- HTF7000 New engine warranty, Service Bulletin & AD compliance
- HTF7000 Vibration survey and fan balance
- Pratt & Whitney PW535
HSI/Line—Battle Creek Line—Lincoln
- Pratt & Whitney PW617F
Line—Battle Creek/Lincoln/Provo
- Rolls Royce AE3007
Line—Battle Creek/Lincoln
- Rolls-Royce CorporateCare Authorized
- Our Embraer Engine team includes technicians on-call for in-house or in-the-field engine repair, 24/7

APU CAPABILITIES

- Hamilton Sundstrand Model T-62T- 40C11 or T-62T-40C14 APUs
- Hamilton Sundstrand semi-annual, annual, and biennial inspections
- Line maintenance and R&Rs
- Honeywell GTCP 36-150(EMB)

AUTHORIZATIONS

- Embraer Authorized Service Center Phenom 100 and 300, Legacy 450 and 500, Praetor 500 and 600, and Legacy 600 and 650
- Authorized Pratt & Whitney Line Service Center
- Honeywell Minor Authorized Center HTF7000
- Honeywell GTCP 36-150(EMB)

INTERIOR & PAINT INFORMATION



INTERIOR CAPABILITIES

Duncan Aviation is a leader for interior refurbishments. Our interiors are the culmination of experience and creativity and the leading-edge technology Duncan Aviation team members use. Our team members can update the design of your interior to add value, functionality, and a renewed comfort level that truly must be experienced to be appreciated. 3D renderings may be available.

Duncan Aviation offers hydrographic solutions. Hydrographics create the ability to replicate a variety of textures and designs to an aircraft interior while providing a lightweight, durable finish at an incredible value compared to genuine materials like leather, stone, or wood veneer.

PAINT

Duncan Aviation is famous for its high-quality paint work. This reputation has been earned over the years by consistently delivering high-quality, long-lasting paint, as well as through the unmatched attention to detail and innovative paint processes we employ. Duncan Aviation also offers the shortest downtimes in the industry as we will repaint a large-cabin Embraer in as little as 21 calendar days.

Our full-service paint facilities in Battle Creek and Lincoln create optimum paint environments with air-filtration systems,

temperature-control systems, humidity-control and airflow systems that allow consistently high-quality finishes. Our state-of-the-art paint facility will come online in Provo in March 2019.

Paint Capabilities

- Three year warranty on complete paint worksopes
- High solids primers and paint
- Highly refined application process
- A professional designer dedicated to your project works with you through every phase
- State-of-the-art paint booths produce a very high-quality product
- Environmentally friendly paint and strip hangars accommodate all models
- Paint detail team details your aircraft prior to delivery
- Experience painting private and corporate aircraft since 1979

DUNCAN AVIATION DESIGN

Our award-winning in-house Duncan Aviation designers lead the industry in creating custom and unique paint and interior schemes. The design team will guide you through the specification process and monitor the project while in-house to ensure all aspects are completed to your exact specifications.

AVIONICS CAPABILITIES

MODIFICATIONS

Duncan Aviation is the recognized leader for avionics. We offer complete avionics installations capabilities including:

- High-speed data
- Iridium and Inmarsat Satcom systems
- Cabin entertainment packages
- NextGen (ADS-B, FANS, etc.) upgrades to fulfill mandates
- LED lighting upgrades

TOOL CALIBRATIONS

Bring tools along when you schedule work and Duncan Aviation can calibrate them with NIST traceable instrument calibration.

ENGINEERING DESIGNATIONS

- ODA (Organization Designation Authorization)
- Areas of Delegation/Authority:
 - STC (Supplemental Type Certificates)
 - MRA (Major Repairs and Alterations)
 - PMA (Parts Manufacturer Approvals)
 - Imports, Exports, Special Flight Permits, Standard and Special Airworthiness
- Qualified staff of more than 40 Unit Members of all disciplines, including DERs (Designated Engineering Representatives) and DARs (Designated Airworthiness Representatives)



ALL COMPONENT EXCHANGES, OVERHAULS, REPAIRS AND LOANERS



- Free technical advice, troubleshooting, and sales support 24/7/365
- Complete component overhaul
 - Repair and testing
 - Tool and equipment calibration
- Parts and loaners
- International services, including shipping hazardous materials
- Fast turntimes and expedited AOG services
- Sales and exchanges
- Warranty coverage
- International Certification sign-off on 10 countries

ACCESSORIES +1 402.475.2611 | 800.228.4277

- Specialty areas:
 - batteries
 - hydraulic/pneumatics
 - hydrostatic testing
 - electronics
 - landing gear
 - machining/welding
 - electromechanical
 - nondestructive testing (NDT) certifications
- Accessory test equipment is calibrated using NIST certificate traceability

AVIONICS & INSTRUMENTS +1 402.475.2611 | 800.562.6377

- Specialty areas include:
 - autopilot/flight director systems
 - navigation/communication systems
 - ADI (attitude direction indicators)
 - HSI (horizontal situation indicators)
 - radar systems
 - ADF receivers
 - transponders
 - pitot static instruments
 - DME transceivers
 - flight management systems
 - gyros
 - audio control systems
- Honeywell Legacy SPEX/MSP Service Center
- More than \$10 million inventory of avionics and instrument loaners

PARTS & ROTABLES +1 402.475.2611 | 800.228.1836 | PRS.SALESTEAM@DUNCANAVIATION.COM

- Customer support available 24/7/365 via phone, email, or live chat
- Parts & rotatables sales & exchange
 - International parts & rotatable sales
 - Preferred vendor program
- Managed rotatable inventory
 - Parts acquisition & consignment
 - Online parts & capabilities search
- Buy excess/surplus equipment

Send your available parts list to:

Avionics: WeBuyAvionics@DuncanAviation.com

Accessories: WeBuyComponents@DuncanAviation.com.