



AIRFRAME & ENGINE INFORMATION & CAPABILITIES



AIRFRAME CAPABILITIES

Global airframe services including Service Bulletin projects are available in Battle Creek, Michigan (BTL), Lincoln, Nebraska (LNK), and Provo, Utah (PVU).

Authorizations:

- Authorized Global Service Facility for the Global Express 5000/5500 and 6000/6500 models at all three facilities

Global Airframe Capabilities:

- 5 year (4C), 10 year (8C), and 15 year (12C) inspections
- Hourly, calendar, and special inspections, including in-house 3,000 hour detailed inspection, and borescope inspections
- Pre-purchase evaluations and import capabilities
- A&P and IA-qualified aircraft inspectors
- 24/7 maintenance and troubleshooting assistance
- Factory-trained specialists

ENGINE CAPABILITIES

Rolls-Royce engine services for Global aircraft are available in Battle Creek, Michigan (BTL), Lincoln, Nebraska (LNK), Provo, UT, and several Duncan Aviation satellite repair stations.

Global Rolls-Royce BR700-710 series engine capabilities:

- Engine line maintenance
- Replace Line Replaceable Units (LRUs)
- Engine diagnostic runs
- Routine inspections
- Engine borescope inspections, including 3000/1000 Hour
- Engine troubleshooting
- Engine R&R and fan balance
- FOD inspection and repair

- Lightning strike inspection and repair
- On-staff technical support

RAPID RESPONSE ENGINE CAPABILITIES

Rapid Response Technicians:

- On-call 24/7 for on-site engine repair and service
- 18 launch offices throughout the United States

APU CAPABILITIES

Authorizations:

- Honeywell authorized line service center for the RE220 APU

Global APU Capabilities:

- Routine periodic maintenance
- Borescope inspections
- Performance evaluations
- APU R&R
- Access to Honeywell APU rental bank
- MSP claims and buy in

IN-HOUSE LANDING GEAR CAPABILITIES

- Five years of experience in Global landing gear inspections and repairs
- 120-Month
- 240-Month
- Ability to order directly from SmartParts
- In-house rotatable inventory helps control costs and turntime

PRE-PURCHASE EVALUATIONS

We offer custom Duncan Aviation Pre-Purchase evaluations that utilize extensive checklists derived from historical analysis to pinpoint hot spots and minimize buyer risk.

INTERIOR, PAINT & AVIONICS INSTALLATIONS INFORMATION & CAPABILITIES

INTERIOR CAPABILITIES

Duncan Aviation provides complete, custom interior refurbishment, modification and completions services. Almost every detail is handcrafted, and our professional designers and craftsmen create innovative interiors that deliver comfort for our clients. Our designs have been winning awards for years, and we offer a three-year warranty on our interior workmanship.

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.

GLOBAL

+1 402.475.2611 | www.DuncanAviation.aero | 800.228.4277



INTERIOR OFFERINGS

- 3-year warranty
- Soft goods refurbishment
- Configuration changes
- Reveneer of cabinetry
- New countertops (avonite/granite)
- New cabinet fabrication
- 16G seat upholstery
- LED lighting systems
- Thermal and acoustic insulation packages
- Cabin entertainment system modification / installation. Professional designer dedicated to you for selecting materials and completing conceptual and technical design work
- Hydrographic solutions

PAINT

Duncan Aviation provides complete, custom paint refurbishment and completions services. Our refined paint process prolongs the lifetime of these finishes, protecting an aircraft from the elements for years. We offer a three-year/1,500-hour warranty on exterior paint finishes.

Global paint capabilities:

- High solids primers and paint
- Highly refined application process
- A professional designer dedicated to you to assist with developing paint schemes/exterior graphics
- Modern paint booths produce a very high quality product
- 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 design team leads 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. 3-D renderings are used in some cases.

MODIFICATIONS & INSTALLATIONS

Duncan Aviation offers complete avionics installations capabilities including:

- Satcom systems
- Radar

- Datalink
- Complete radio packages
- Lighting upgrades
- Flight Deck upgrades and refurbishment
- Cabin entertainment packages
- Connectivity, Wi-Fi/HSD solutions, including Gogo Avance L5
- Honeywell Jetwave Ka-Band Connectivity Installation
- CMS Systems
- Media Input Panels
- Avionics service plans (HAPP, CASP, Etc.)

STCS

Multi-use Global STCs:

- Installation of a right-hand, aft 3-place divan
- Installation of an Aircell Universal Cabin System 5000
- Installation of right-hand, mid-cabin 3-place 16G divan
- Installation of Gogo Avance L5 in-flight internet and wifi system
- ACA Ionizer installation (STC packages available)

Serial-number specific STCs:

- Cabin interior alteration and cabin entertainment system upgrade
- Installation of left-hand and right-hand aft divans
- Interior Layout of Passenger Accommodations (LOPA) in aft cabin
- Installation of a right-hand, mid-cabin 2-place 16G divan
- Cabin Reconfiguration
- Interior Reconfiguration
- Installation of right-hand, aft 3-place divan
- Change to Layout of Passenger Accommodations

ENGINEERING DESIGNATIONS

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



ALL COMPONENT EXCHANGES, OVERHAULS, REPAIRS AND LOANERS



We offer free technical advice, troubleshooting and sales support 24/7/365.

Duncan Aviation provides the component solutions customers expect from an award-winning team of aviation professionals who provide streamlined, customer-friendly and comprehensive solutions every day to aircraft operators. We have the resources to become your one source for component solutions and deliver every service you will need during the life of an aircraft. We are also authorized as sales, service and support for multiple component and equipment manufacturers. We offer:

- complete component overhaul
- repair and testing
- sales and exchanges
- parts and loaners
- tool and equipment calibration
- warranty coverage
- international services, including shipping

ACCESSORIES +1 402.475.2611 | 800.228.4277

- Fast turntimes and expedited AOG services
- Specialty areas:
 - batteries
 - electronics
 - electromechanical
 - hydraulic/pneumatics
 - landing gear
 - Nondestructive Testing (NDT) certifications
 - hydrostatic testing
 - machining/welding
- Accessory test equipment is calibrated using NIST certificate traceability
- Additional services:
 - equipment calibration
 - overhaul and repair
 - international service
 - parts and loaners
 - warranty policies
 - shipping

AVIONICS & INSTRUMENTS +1 402.475.2611 | 800.562.6377

- Inspect, install, troubleshoot, service and repair virtually every type of equipment your aircraft might have, or need to have, aboard
- Fast turntimes and expedited AOG services
- Specialty areas include:
 - Autopilot/Flight Director Systems
 - Radar Systems
 - DME Transceivers
 - Navigation/Communication Systems
 - ADF Receivers
 - Flight Management Systems
 - Attitude Direction Indicators (ADI)
 - Transponders
 - Gyros
 - Horizontal Situation Indicators (HSI)
 - Pitot Static Instruments
 - Calibration Services. New capabilities added regularly
- More than \$10 million inventory of avionics and instrument loaners
- Large piece parts inventory
- International Certification sign-off on 10 countries
- Honeywell Legacy SPEX/MSP Service Center

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
- In-house repair capabilities on more than 52,000 part numbers and inventory exceeding 723,000 line items valued at over \$170 million
- International parts & rotatable sales, AOG, consolidated international shipping, including hazardous material
- Managed Rotable Inventory allows customers to stock/sell rotatable inventory to Duncan Aviation customers while maintaining ownership
- Parts Acquisition & Consignment program
- We buy excess/surplus equipment for all makes of business/regional aircraft & helicopters; including mod packages removed for upgrade.

Send your available parts list to:

Avionics: WeBuyAvionics@DuncanAviation.com

Accessories: WeBuyComponents@DuncanAviation.com.