



## 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 (PVU), 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
- Fan blade refurbishment & fan balance
- Fan blade lube

- 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 (MSP Avionics, CASP, Etc)

## STCS

Multi-use Global STCs:

- Installation of a right-hand, aft 3-place divan
- 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



- 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](mailto:WeBuyAvionics@DuncanAviation.com)

Accessories: [WeBuyComponents@DuncanAviation.com](mailto:WeBuyComponents@DuncanAviation.com).