GLOBAL

+1 402.475.2611 | www.DuncanAviation.aero | 800.228.4277

DUNCAN AVIATION

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:
- 60/120/180/240/300-month 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 rotable 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 pin-point hot spots and minimize buyer risk.

IN-HOUSE BACKSHOP SUPPORT

- Accessories, avionics, instruments repair & overhaul
- Parts & Rotables Sales (www.DuncanAviationParts.com)

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.

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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.

Duncan Aviation offers a state-of-the-art CNC machine that allows the upholstery team to create perforation, multi-color sewing, and multi-color embroidery on aircraft seats and panels.

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
- Vinyl-wrapped finishes

INNOVATIVE INTERIOR SOLUTIONS (TM)

- Wood Veneer
- Soft Goods
- Simulated Finishes
  - Simulated Wood Grain
  - Simulated Carbon Fiber
  - Simulated Marble

Duncan Aviation offers an array of Interior Innovative Solutions™ designed to enhance and personalize aircraft interiors. From wood veneers to soft goods and simulated finishes such as wood grain, carbon fiber, and marble, we provide bespoke solutions to meet diverse design needs.

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.

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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

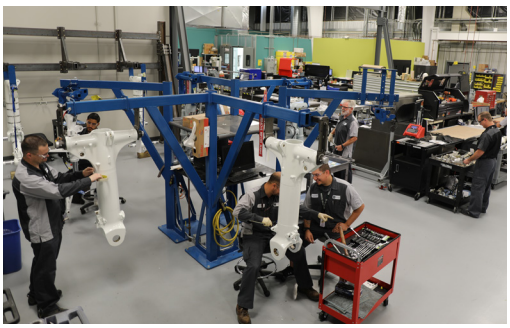
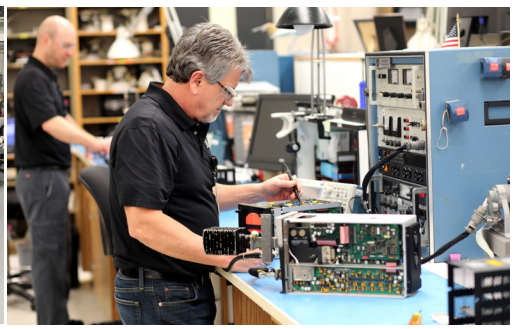
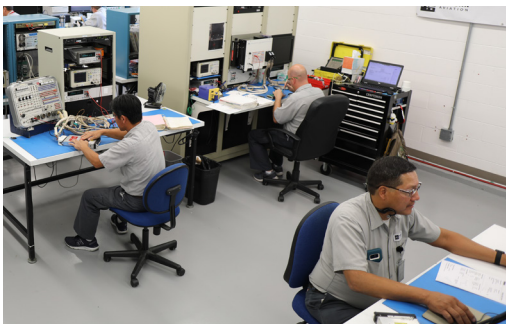
ENGINEERING DESIGNATIONS

- Organization Designation Authority (ODA)
- Areas of Delegation/Authority:
- - Supplemental Type Certificate (STC)
- - Major Rapirs 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)

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DUNCAN AVIATION

WWW.DUNCANAVIATIONPARTS.COM

To experience the full benefits of www.DuncanAviationParts.com, register for a myDuncan account where you can seamlessly manage your maintenance projects, research repair and overhaul capabilities, and shop for aircraft parts. With a single sign-on, easily view prices, check available quantities, and access all relevant documents.

If you have a myDuncan account and have forgotten your password or need assistance, our team is here to help. Contact us at PRS.Solutions@DuncanAviation.com or +1 402.475.4125.

PARTS SALES, EXCHANGES, OVERHAULS, REPAIRS AND LOANERS

- Free technical advice, troubleshooting, and sales support 24/7/365
- Complete component overhaul
- Parts and loaners
- International services, including shipping hazardous materials
- Repair and testing
- Tool and equipment calibration
- 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
  - wheels & brakes
- 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
- Honeywell NZ-2000, IC-600,IC-800, IC-1080 Computer Service Center
- Devore FMG gun calibration
- 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 & rotables sales & exchange
- Managed rotable inventory
- International parts & rotable sales
- Parts acquisition & consignment
- Preferred vendor program
- Online parts & capabilities search
- We buy excess/surplus equipment. Send your available parts list to:
  Avionics: WeBuyAvionics@DuncanAviation.com
  Accessories: WeBuyComponents@DuncanAviation.com.