



## AIRFRAME INFORMATION & CAPABILITIES



### AUTHORIZED HEAVY SERVICE CENTERS

- Battle Creek, MI, —335,000 sq.-ft.
- Lincoln, NE, —660,000 sq.-ft.

### MAINTENANCE REPAIR & OVERHAUL FACILITY

- Provo, UT, —275,000 sq.-ft.

### FACTORY-TRAINED TECHNICIANS & INSPECTORS

- More than 100 Falcon aircraft technicians and inspectors
- Average 12 years of experience

### FALCON AIRFRAME CAPABILITIES

- Complete more than 50 C-inspections annually
- Dry bay wing tank modification
- Latecoere certified to comply with SB F7X-379R1 Bolt Replacement
- Fuel tank repairs

- Major Structural repairs
- API Winglet installation (factory authorized & trained)
- Composite repairs

### IN-HOUSE BACKSHOP SUPPORT

- NDT (nondestructive testing)
- Machining

### SERVICES

- myDuncan—online customer portal
- Pre-purchase inspections
- Electronic CAMP Sign-off
- Import/export certifications
- AOG airframe road team

## ENGINE INFORMATION & CAPABILITIES

### RAPID RESPONSE TEAMS

- On-call 24/7 Rapid Response Technicians for on-site engine repairs and service
- 16 Rapid Response launch locations throughout the United States

### AUTHORIZATIONS

- Authorized Honeywell MSP TFE731 Heavy, Major and Line
- Authorized Honeywell CFE738 Line Maintenance
- Authorized Honeywell GTCP36-100/150 Series APU HSI
- FAA certified to repair Hamilton/Sundstrand T62T-40
- Authorized Pratt & Whitney ESP and PW300 Series support

### ENGINE CAPABILITIES

- Turbofan engine test cell (20,000lb. Thrust Class)
- TFE731 CZI, MPI, line maintenance, troubleshooting, coordinating engine upgrades and many in-house repair capabilities
- Duncan Aviation fleet of TFE731-2/-3/-5/-60 rental engines to support MPIs & CZI
- Pratt and Whitney on condition monitoring borescope
- Pratt and Whitney Routine Maintenance and Minor Inspections
- On-site Pratt & Whitney Canada HSI / repair facility in BTL

### APU CAPABILITIES

- Access to Honeywell rental APU bank
- Performance evaluations/troubleshooting
- Line maintenance and R&Rs
- Hot section inspections/borescope inspections
- Honeywell periodic hourly inspections
- Hamilton Sundstrand semi-annual, annual and biennial inspections

# FALCON

+1 402.475.2611 | [www.DuncanAviation.aero](http://www.DuncanAviation.aero) | 800.228.4277



## INTERIOR INFORMATION & CAPABILITIES



Duncan Aviation is known industry-wide as one of the most highly regarded sources for Falcon interior solutions in the world. Key reasons include our dedication to listening to the needs of our clients and continuously seeking better solutions through innovation. Combining these have led us to the creation of Duncan Aviation design solutions.

The Duncan Aviation designed PSU (passenger service unit) overlay panels eliminate the painted metal center section resulting in a single panel for an updated clean look. The soft oval openings for the lights and gaspers along with new slim-line ordinance signs complete the overall design aesthetic. LED wash lighting is typically incorporated. Optional wood or leather handrails create an additional dramatic visual transformation.

Our new or modified Falcon 7X, 900, and 2000 drink rails with dual cup holders, lighted cupholder option, and new pull-out lift-assist sidewall tables update the cabin with a modern, elegant design and improved function.

We are constantly working to improve our services to give your aircraft the personalized touch you're seeking.

## INTERIOR OFFERINGS

- Custom cabinets including, galleys, pantries, storage cabinets, closets, credenzas, conference table and entertainment cabinets
- New forward lavatory installations
- New storage/closet cabinet to replace forward lavatory.
- New Duncan Aviation designed one-piece PSU overlay panels with optional wood handrails
- Custom configurations, including custom RH settee, dual aft divans and more
- New drinkrails and tables
- Pop-up mid-cabin divider
- Natural stone counters
- LED lighting
- Lighted cupholders
- Dynamic seat upholstery

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## PAINT INFORMATION & CAPABILITIES



### PAINT REFURBISHMENT CAPABILITIES

- Conventional and high solids primers and paint
- State of the art paint booths capable of handling all models of Falcon aircraft.
- Dedicated Paint Detail Team that meticulously details the aircraft prior to delivery

### FACILITIES

Duncan Aviation is one of the busiest paint providers in the aircraft refurbishment industry, painting more than 200+ aircraft per year at its modern paint facilities in Lincoln, Nebraska, Battle Creek, Michigan, and Provo, Utah.

We continue to invest in our facilities and research products and safety in order to provide cutting edge paint services for business jets.

All three main Duncan Aviation facilities are capable of painting all models of Dassault/Falconjet. Our paint facilities use the latest in paint products, paint equipment and technology, down draft and cross draft paint and prep booths, and automatic heat and humidity control to produce the highest quality paint.

### Lincoln, Nebraska

Duncan Aviation in Lincoln, NE, offers four dedicated paint hangars allowing us to strip, prep, paint and detail multiple aircraft simultaneously.

### Battle Creek, Michigan

The paint facility in Battle Creek has three dedicated paint hangars that allow us to strip, prep, paint and detail multiple aircraft at one time.

### Provo, Utah

The new paint hangar in Provo, UT, is 53,000-square-foot paint facility that uses the latest technology available with down-draft air flow and automatic monitoring and alarms. It is designed to accommodate multiple aircraft at once, allowing us to strip, prep, paint and detail multiple aircraft simultaneously.

### CUSTOMER BENEFITS

- Three-year warranty
- A professional designer dedicated to developing your personal paint scheme and graphics
- Dedicated layout team to complete the most complicated and detailed paint schemes
- Over 25 years experience painting private and corporate aircraft
- Experience in corrosion repair and control
- Environmentally conscious and EPA-compliant paint processes
- Industry-leading downtimes



## AVIONICS INFORMATION & CAPABILITIES



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

- High Speed Data
- LED cabin lighting
- Cockpit Flight Displays
- EASy II upgrades
- Cabin Entertainment Systems
- Primus Elite
- Turbulence detection radar
- Flight Management Systems
- SatCom
- HF systems
- Satellite TV
- NextGen upgrades (TCAS v7.1, ADS-B, CPDLC, FANS 1/A+)
- DataLink Systems

### AVAILABLE UPGRADES

#### FALCON 50/50EX:

- Pro Line 21 Retrofit (F50)
- Pro Line 4 → 21 (F50EX)
- AHRS - 3000A
- UNS FMS (F50)
- GH 3900 Standby Inst
- MaxViz EVS
- IRS
- TCAS v7.1
- DFDR
- ELS/EHS
- WAAS / LPV
- ADS-B
- Cabin Management Systems

#### FALCON 900:

- Universal EFI-890R Glass Cockpit
- Cabin Internet & Wi-Fi
- MaxViz EVS
- TCAS v7.1
- GH 3900 Standby Inst
- ELS/EHS

- CPDLC / FANS
- WAAS / LPV
- ADS-B
- Cabin Management Systems

#### FALCON 900C/EX:

- TCAS v7.1
- Primus Elite
- Cabin Internet & Wi-Fi
- Cabin Management Systems

#### FALCON 2000:

- Pro Line 4 → 21
- MaxViz EVS
- Cabin Internet & Wi-Fi
- WAAS/LPV
- ADS-B
- CPDLC / FANS
- TCAS v7.1

#### FALCON 7X/900EX EASy / 2000EX EASy:

- TCAS v7.1
- EASy II
- FANS 1/A+/CPDLC
- Cabin Internet & Wi-Fi
- Cabin Management Systems

### ENGINEERING DESIGNATIONS

- Organization Designation Authorization (ODA)
- Areas of Delegation/Authority:
  - Supplemental Type Certificates (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

### 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.