



AIRFRAME INFORMATION & CAPABILITIES



Our facilities in Battle Creek, MI, and Lincoln, NE, are Dassault Falcon Authorized Heavy Service Centers. We are authorized to perform all major and minor inspections and repairs on all Falcon models. Duncan Aviation technicians have also been factory trained to perform the “dry bay” wing tank modification.

Our Falcon team consists of specialized, factory trained technicians and inspectors available around the clock to assist with troubleshooting and maintenance related questions. We have Falcon-specialized airframe rapid response teams ready to assist you.

In addition, Duncan Aviation will come to your facility for your next small inspection. We know how important your time is, so we now have a service that will allow you to skip the disruption to your daily schedule, save on fuel and minimize your aircraft usage. Contact an airframe service sales rep for details.

We have extensive experience with:

- Service Bulletins (SBs) for wing tank modifications
- Fuel tank repairs
- Major structural repairs
- Falcon 50, 900, and 2000 series API winglet installation (Aviation Partners authorized and trained)
- Composite repairs

Tracker, Duncan Aviation's computerized tracking system, is available to track aircraft maintenance. We also have full access to CAMP records with permission of operator.

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

ENGINE CAPABILITIES

- Honeywell MSP TFE731 Heavy, Major, and Line Service Center for more than 30 years.
- 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

APU CAPABILITIES

- Honeywell Authorized GTCP36-100 and GTCP36-150 series APUs
- FAA Certified Hamilton/Sundstrand T62T-40

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

AUTHORIZATIONS

- Dassault Falcon Authorized Heavy Service Center
- Authorized Honeywell MSP TFE731 Major and Line
- Authorized Honeywell CSP CFE738 Line
- Honeywell Authorized GTCP36-100 and GTCP36-150 Series APUs
- FAA certified to repair Hamilton/Sundstrand T62T-40
- Pratt & Whitney ESP and 300 Series authorized support

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



INTERIOR INFORMATION & CAPABILITIES



clients and continuously seeking better solutions through innovation. Combining these have led us to the creation of Duncan Aviation design solutions for all Falcon models.

The Falcon 900 & 2000 Duncan Aviation designed passenger service unit (PSU) overlay panels eliminate the painted metal center section 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 handrails create an additional dramatic visual transformation.

Our Duncan Aviation designed Falcon 900 drink rails with figure-8 dual cup holders and new pull-out lift-assist sidewall tables update the cabin with a modern, elegant design and improved function.

Another Duncan Aviation designed innovation is our Falcon 50 shell kit. The Falcon 50 shell kit package replaces the interior from lower sidewall to lower sidewall to meet Falcon 50 operator requests including more seated headroom, LED lighting and newly designed PSUs, resulting in a dramatic contemporary overall cabin aesthetic.

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

INTERIOR OFFERINGS

FALCON 900:

- Custom cabinets including, galleys, pantries, storage cabinets,

closets, credenzas, conference table and entertainment cabinets

- New fwd lavatory installations
- 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

FALCON 2000:

- New Duncan Aviation designed one-piece PSU overlays with optional wood handrail
- Natural stone counters
- Dynamic seat upholstery

FALCON 7X:

- Interior/cabinet refurbishment

FALCON 50:

- Custom cabinets including galleys, storage cabinets, closets and entertainment cabinets
- Duncan Aviation designed shell package
- Duncan Aviation designed drinkrails and tables
- New seating and custom configurations



PAINT INFORMATION & CAPABILITIES



Collaboration with Duncan Aviation designers provides exciting design alternatives, and allows you to tailor your scheme to your aircraft.

Attention to detail in each stage of preparation assures your aircraft will be protected from the elements for years. Following the paint application process, our dedicated paint team meticulously details the aircraft. This team has unmatched ability to improve a paint job that, to the untrained eye, is already flawless. Our facilities create optimum paint environments with air filtration systems, temperature control systems, humidity control and airflow systems to allow consistent, high-quality finishes in the shortest downtime possible.

CAPABILITIES

- Three year warranty
- 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 reduce rework and 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

ADVANTAGES

- Aircraft painted every five years maintain higher market values
- Materials have a proven performance on all surfaces, including composites
- Flexible agents ensure maximum protection
- Proper application prolongs the lifetime of a finish



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
- Honeywell CDS-R Glass Cockpit
- 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 +1 402.475.4125 | 800.228.4277

- Fast turntimes and expedited AOG services
- Specialty areas:
 - batteries/power supplies
 - electronics
 - electromechanical
 - pneumatics
 - hydraulic fluids/fuel
 - landing gear
 - multiple Non Destructive Testing (NDT) certifications
 - stab actuators
 - hydrostatic testing
- Authorized sales, service and support for multiple component and equipment manufacturers with a warranty up to 24 months
- Accessory test equipment is calibrated using NIST certificate traceability
- Additional services:
 - equipment calibration
 - overhaul and repair
 - international service
 - parts and loaners
 - warranty policies
 - shipping
- Nearly 11,000 square feet of shop space

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 while on board
- Fast turntimes and expedited AOG services
- Specialty areas include:
 - ADF
 - Radar
 - Autopilot
 - NAV/COM
 - PST
 - DME/PDR
 - Indicators
 - Gyros
 - Calibration
- More than \$10 million inventory of avionics and instrument loaners
- Large piece parts inventory
- More than 95 percent of the time, we have the part on-hand to complete the repair
- Less than 1 percent warranty claim rate
- International Certification sign-off on 10 countries

PARTS & ROTABLES +1 402.475.4125 | 800.228.1836

- A Parts & Rotables Sales Representative is available 24/7/365
- No AOG or expedite fees on urgent orders, including holidays and weekends
- \$45 million inventory of parts, exchanges, avionics, consumables and rotatable units
- Parts, exchanges and inventory sold throughout the world using door-to-door carrier services
- Virtually zero downtime with exchange units versus overhaul or repair turntimes
- Parts or exchange locator services offer a truly one-stop, one-call service for all corporate jet aircraft
- Engine parts, piece parts, maintenance consumables, OEM factory exchanges and more
- More than 485,000 line items, plus preferred vendor inventories at our fingertips
- We buy avionics equipment, airframe components, engine accessories and parts inventories