



## AIRFRAME & ENGINE INFORMATION & CAPABILITIES



### AIRFRAME CAPABILITIES

Battle Creek, Michigan, Lincoln, Nebraska, and Provo, Utah, facilities perform major inspections including all Phase and Inspection Document Inspections.

Our Citation team consists of A&P and IA-qualified aircraft inspectors and factory-trained specialists available around the clock to help with maintenance-related questions and troubleshooting.

Tracker, Duncan Aviation's computerized tracking system, is available to track aircraft maintenance. We also use CESCO online and have access to CESCO records with operator's permission.

### RAPID RESPONSE TEAMS

- On-call 24/7 for on-site engine repairs & service
- 17 launch locations throughout the United States

### ENGINE CAPABILITIES

- On-site Pratt & Whitney Service Center located in BTL
- Pratt and Whitney 535/545 Hot Section Inspections
- Williams FJ44 Routine Maintenance and R&R
- AE3007A LRU, routine maintenance, R&R, scheduled and unscheduled maintenance
- TFE731 Line/Major/Heavy Level Honeywell Authorized Service Center
- TFE731 On-site Major Periodic Inspection (MPI) & Core Zone Inspection (CZI) facility located in Lincoln, NE
- Duncan Aviation fleet of TFE731-2/-3 rental engines to support MPIs & CZI

We offer comprehensive engine capability:

- On-site Pratt & Whitney Service Center
- Hot Sections for PW535/545
- Major Periodic Inspections and Core Zone Inspections
- Williams FJ44 Engine Line Maintenance
- Compressor Zone Inspections, line maintenance, troubleshooting and coordinating engine upgrades

### APU CAPABILITIES

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

### AUTHORIZATIONS

- Authorized Honeywell MSP TFE731 Heavy/Major/Line
- Authorized Honeywell GTCP36-100/-150, RE100 APUs
- FAA Certified Hamilton Sundstrand APU T39/T40 (all series)
- Authorized Pratt & Whitney ESP and 300 Series Line
- Authorized Pratt & Whitney 500 Series Line/HSI
- Authorized Pratt & Whitney 615F, 617F Line
- Authorized Pratt and Whitney JT15 Line/HSI
- Authorized Williams FJ44 Engine Line
- Authorized Rolls Royce AE3007A Line



## INTERIOR & PAINT INFORMATION & CAPABILITIES



### INTERIOR CAPABILITIES

Duncan Aviation is a leader for interior refurbishments on Citations. Our interiors are the culmination of experience, creativity and the leading-edge technology Duncan Aviation team members utilize when refurbishing interiors. Our team members listen to you to understand how you use your aircraft and your personal taste to design an interior that exceeds expectations. Duncan designers will update the design of your Citation interior to add value, functionality, maintainability and a renewed comfort level that truly must be experienced to be appreciated.

### INTERIOR OFFERINGS

- Interior and cabinet refurbishment
- Custom thermal and acoustic insulation packages
- Custom cabinet modifications
- Innovative professional design team
- Three year warranty (or 1500 flight hours)

### PAINT CAPABILITIES

Duncan Aviation is experienced with painting all models of Citations; from the 500 through the 750, even the Citation 680 Sovereign and the Citation 510 Mustang. Collaboration with Duncan Aviation designers provides exciting design alternatives, and allows you to tailor your scheme to your aircraft. For each paint project, our teams complete a detailed paint debrief that outlines all the details necessary to ensure the paint job is completed to the customer's exact specifications. 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 controllers and airflow systems to allow consistent, high-quality; beautiful paint finishes in the shortest downtime possible.

### PAINT OFFERINGS

- High solids primers and paint utilized
- Highly refined application process
- A professional designer dedicated to you works with you through every phase of the project
- State-of-the-art paint booths reduce rework and produce a high quality product
- Environmentally friendly paint and strip hangars
- Experience painting private and corporate aircraft since 1979
- Three year warranty (or 1500 flight hours)

### PAINT 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

### 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)



## AVIONICS INFORMATION & CAPABILITIES



[www.DuncanAviation.aero/adsb](http://www.DuncanAviation.aero/adsb)

Duncan Aviation offers complete avionics installations capabilities including:

- ADSB Solutions for Citation 560 Ultra, Encore, 560XL/XLS/XLS+, Citation 525, 525A, 525B, 525C, Citation 650, Citation 750.
- TCAS 7.1
- GoGo Iridium and Air to Ground Telephone Systems, WI-FI, and Text and Talk
- Cabin Entertainment Systems
- Citation RVSM Service Bulletins
- Collins/Airshow 4000 Cabin Network
- Collins Pro Line Fusion
- Hi-Speed Data Satcom Systems
- Universal UNS-1( ) WAAS/SBAS FMS
- Universal TAWS Class A & B
- Universal EFI 890R AMLCD Cockpit
- FMS WAAS Upgrades
- Honeywell EGPWS
- Honeywell MFRD
- Collins Airshow Television
- LED Cabin Lighting STCS

### DUNCAN AVIATION STCS

#### CITATION 750:

- GoGo Air to Ground & Iridium Telephones, WIFI, Text and Talk
- Collins Airshow 4000 System
- Collins Airshow TV
- Honeywell Satcom
- Honeywell EGPWS
- Universal Satcom

#### CITATION 650:

- GoGo Air to Ground & Iridium Telephones, WIFI, Text and Talk
- Collins TCAS 4000
- Collins Airshow 4000
- Honeywell TCAS I & II
- TAWS/EGPWS

- Collins Airshow 500
- Collins TCAS 4000
- DFDR
- Honeywell TCAS I & II
- L-3 TCAS II
- TAWS/EGPWS
- EFIS Upgrades
- WSI/XM Wx MFD 640
- ADS-B Out

#### CITATION 550/551:

- GoGo Air to Ground & Iridium Telephones, WIFI, Text and Talk
- Collins Airshow 500
- Collins TCAS 4000
- DFDR
- Honeywell TCAS I & II
- L-3 TCAS II
- EGPWS
- EFIS Upgrades
- WSI/XM Wx MFD 640

#### CITATION 525/A/B/C:

- Collins Proline 21 Radios
- CJ3 Pro Line Fusion
- Honeywell TCAS II
- Collins TCAS 4000
- GoGo Air to Ground & Iridium Telephones

#### CITATION 560XL/XLS/XLS+:

- Honeywell Primus 1000 ADSB STC
- ADSB for Collins Equipped XLS+

#### CITATION 680

- GoGo Air to Ground & Iridium Telephones, WIFI, Text and Talk
- TCAS 7.1
- Cabin Entertainment



## 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