



# GULFSTREAM FACTS

MID-CABIN MODELS: ASTRA/G100, G150 AND G200

+1 402.475.2611 | www.DuncanAviation.aero | 800.228.4277



## AIRFRAME & ENGINE INFORMATION & CAPABILITIES



### AIRFRAME CAPABILITIES

All three of Duncan Aviation's main facilities, Lincoln, Nebraska, Battle Creek, Michigan, and Provo, Utah, are Gulfstream authorized warranty facilities. They perform warranty work and provide maintenance services and repairs within our regulatory approvals on the G100, G150 and G200 aircraft. We perform all scheduled hourly and calendar checks, phase inspections and Airworthiness Limitation Section (ALS) inspections on Astra/G100 aircraft, and we perform major inspections including 1A through 20A, 1C through 16C and all miscellaneous inspection requirements and Service Bulletins on G150 and G200 aircraft.

Our Gulfstream Mid-Cabin teams consist of A&P and IA-qualified aircraft inspectors and factory-trained specialists, who are available around the clock to help with maintenance-related questions and troubleshooting, including in-house fuel leak repair specialists.

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

### ENGINE CAPABILITIES

- We have been an authorized Honeywell MSP TFE731 Major and Line Service Center for more than 30 years. Our Astra/G150 Engine Team includes Rapid Response technicians on-call for "in the field" engine repair, 24/7, located throughout the country

- Major Periodic Inspections, line maintenance, troubleshooting, coordinating engine upgrades and many in-house repair capabilities
- Honeywell Rental Engine Bank
- Authorized for MSP/MSP Gold

### G200

- Pratt & Whitney 306A line maintenance, removal and installation
- On-site Pratt & Whitney HSI/Repair facility
- Authorized for MSP/MSP Gold

### APU CAPABILITIES

- Honeywell Authorized GTCP36-100 / GTCP36-150 series APUs
- Access to Honeywell rental APU bank
- Performance evaluations / Troubleshooting
- Line Maintenance and R&Rs
- Hot section inspections / Borescope inspections
- Honeywell periodic hourly maintenance
- Authorized for MSP/MSP Gold

### AUTHORIZATIONS

- Gulfstream Authorized Warranty Facility: G100, G150, and G200
- Authorized Honeywell MSP TFE731 Major (MPI)
- Honeywell Authorized GTCP36-150 Series APUs
- Pratt & Whitney 300 Series Line

## INTERIOR & PAINT INFORMATION & CAPABILITIES



### INTERIOR CAPABILITIES

Duncan Aviation is a leader for interior refurbishments on Gulfstreams. Our interiors are the culmination of experience, creativity and the leading-edge technology Duncan Aviation team members

utilize when completing interiors. Our team members can update the design of your Gulfstream interior to add value, functionality and a renewed comfort level that truly must be experienced to be appreciated.



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## INTERIOR OFFERINGS

- Pleated window shade assemblies
- Custom executive tables with inlays
- Lightweight, articulating, reclining executive chairs
- Custom cabinets and finishes
- Custom thermal and acoustic insulation packages
- New cabinet latches
- New air plenum

## PAINT

Duncan Aviation is famous for its high-quality paint job. This reputation has been earned over the years by consistently delivering high-quality, long-lasting paint jobs, as well as through the unmatched attention to detail and innovative paint processes we employ. Duncan Aviation also offers the shortest downtimes in the industry as we will repaint an Astra in as little as 21 calendar days.

For each paint workscope, our teams complete a comprehensive paint debrief that outlines all of the details necessary to ensure the paint job is completed to the customer's exact specifications and will last for years to come. In fact, Duncan Aviation offers a three-year warranty on all paint worksopes.

## AVIONICS INFORMATION & CAPABILITIES



Rockwell Collins PL 21 IDS

## MODIFICATIONS & INSTALLATIONS

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

- FMS WAAS/LPV upgrades
- ProLine 21 IDS (straight & SP)
- TAWS/EGPWS (class A & B)
- TCAS II
- APU
- Telephone systems
- ELS/EHS
- Turbulence detection radar
- Cabin entertainment systems
- Aircell Broadband connections

## STCs

ASTRA

- ProLine 21 IDS (straight and SP)
- RVSM
- Honeywell EGPWS MkVII
- UNS TAWS (Class A)
- Rockwell Collins TCAS II
- GNS-XIs Dual
- Honeywell APU
- Honeywell DFDR
- G100 interior

## DUNCAN AVIATION DESIGN

Our reward-winning, in-house designers lead 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 your aircraft is here to ensure all aspects are completed to your exact specifications.

## 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)





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## 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

- 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

- 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