GULFSTREAM LARGE-CABIN MODELS: GIV, G300, G400, G350, G450, GV, AND G550

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# AIRFRAME & ENGINE INFORMATION & CAPABILITIES



## AIRFRAME CAPABILITIES

We perform all major hourly and calendar inspections, including the 5000-cycle, on GIV, G300, G400, G350, G450, GV, and G550.

We perform special and unscheduled inspections, airworthiness limitation inspections, and prebuy evaluations on large-cabin models.

Our Gulfstream teams consist of Master Technicians, specially assigned Gulfstream Tech Reps, A&P and IAqualified aircraft inspectors, and factory-trained Gulfstream specialists who are available around the clock to help with maintenance-related questions and troubleshooting.

We have extensive experience with major structural repairs and alterations:

- Major fuel tank corrosion repairs
- Horizontal/Vertical stabilizer removal and inspection
- Horizontal stab pivot fitting oversizing
- · Vertical attach fitting over-sizing
- · Landing gear fwd and aft lug oversizing
- F.S. 793 cap angle replacement
- Wing demate and replacement
- Special mission modifications
- Vertical attach fitting over-sizing
- Baggage door and fuselage repairs

#### ENGINE CAPABILITIES

Our Gulfstream engine team includes technicians on-call for in the field engine repair, 24/7.

We offer comprehensive engine capabilities:

- Rolls-Royce CorporateCare authorized for BR710-A2, BR710-A1/C4, and TAY611-8/8C
- Rolls-Royce Tay and BR710 inspections, repairs, and coordination of overhauls
- Engine borescope and performance evaluations
- Honeywell AS907 (HTF7500) Series Minor Line— Lincoln & Line—Battle Creek/Provo
- HTF7000 Line/Minor Level Honeywell Authorized Service Center
- Honeywell authorized MSP/MSP Gold
- HTF7000 4000/8000-hour borescope inspections and periodic maintenance
- · HTF7000 New engine warranty, Service Bulletins & AD compliance
- · HTF7000 Vibration survey and fan balance

# APU CAPABILITIES

- Honeywell Authorized GTCP36-100 and GTCP36-150 series APUs Line, HSI
- Honeywell Authorized RE220 Series Line
- Access to Honeywell rental APU bank
- Performance evaluations/Troubleshooting
- Line Maintenance and R&Rs
- Honeywell periodic hourly inspections

# 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 leadingedge technology. Our team members can update the design of your Gulfstream interior to add value, functionality, and renewed comfort level that truly must be experienced to be appreciated. Duncan Aviation also has a dedicated Interior Team that specializes in removing and reinstalling interiors.

Aircraft Acquisition & Consignment | Airframe Maintenance | Avionics Installation | Emergency Assistance (AOG) | Engine & APU Engineering & Certification Services | FBO Services | Government & Special Programs | Paint & Interior | Parts, Avionics, Instruments & Accessories

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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.

## INTERIOR OFFERINGS

- Custom interior shell packages
- · Custom drinkrails
- · Custom executive tables with inlays · Custom berthable divan and lightweight,
- articulating, reclining executive chairs
- · Custom thermal and acoustic insulation packages
- · Custom cabinets and finishes
- Cabin reconfiguration
- · Hydrographic solutions

## PAINT

Duncan Aviation is famous for its high-quality paint work on Gulfstreams. This reputation has been earned over the years by consistently delivering high quality, long lasting paint schemes 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 a Gulfstream in as little as 21 calendar days.

Duncan Aviation is experienced with painting all models of Gulfstreams. For each paint workscope, our teams complete a

# **AVIONICS INFORMATION & CAPABILITIES**

detailed paint debrief that outlines all 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 complete paint workscopes.

# DUNCAN AVIATION DESIGN

Our award-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 in-house to ensure all aspects are completed to your exact specifications. On some makes and models, the multimedia designers can produce 3D renderings so you can see what to expect of the completed project.

## ENGINEERING DESIGNATIONS

- ODA (Organization Designation Authorization)
- · Areas of Delegation/Authority:
  - STC (Supplemental Type Certificates)
  - MRA (Major Repairs and Alterations)
  - PMA (Parts Manufacturer Approvals)
  - Imports, Exports, Special Flight Permits, Standard and Special Airworthiness
- · Qualified staff of more than 40 Unit Members of all disciplines, including DERs (Designated Engineering Representatives) and DARs (Designated Airworthiness Representatives)



## MODIFICATIONS & INSTALLATIONS

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

- · ADS-B, FANS, and TCAS Installations
- High Speed Data Upgrades
   LED lighting upgrades
- Flight Management Systems
- HF systems
- Cabin entertainment Cabin Management Systems
  - packages-audio & video

Inmarsat Satcom systems

# STCS

- GIV:
- Gogo AVANCE L5 system
- · Heads-up checklist
- EMTEQ LED lighting

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# ALL COMPONENT EXCHANGES, OVERHAULS, REPAIRS AND LOANERS



- Free technical advice, troubleshooting, and sales support 24/7/365
- Complete component overhaul Parts and loaners

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- · Repair and testing
- Tool and equipment calibration
- International services, including shipping hazardous materials

## ACCESSORIES +1 402.475.2611 | 800.228.4277

- · Specialty areas:
- batteries

- electronics
- landing gear - machining/welding

- radar systems

- ADF receivers

- transponders

- hydraulic/pneumatics
  hydrostatic testing hydrostatic testing
- · 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) - pitot static instruments
- Honeywell Legacy SPEX/MSP Service Center
- 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
   International parts & rotable sales
   Preferred vendor program
- Managed rotable inventory Buy excess/surplus equipment

Send your available parts list to: Avionics: WeBuyAvionics@DuncanAviation.com Accessories: WeBuyComponents@DuncanAviation.com.

- · Fast turntimes and expedited AOG services
- · Sales and exchanges
- · Warranty coverage
- · International Certification sign-off on 10 countries
- electromechanical
- nondestructive testing (NDT) certifications
- DME transceivers - flight management systems
- gyros
- audio control systems
- Parts acquisition & consignment
   Online parts & capabilities search