



AIRFRAME & ENGINE INFORMATION & CAPABILITIES



We perform all scheduled hourly checks, phase inspections and Airworthiness Limitation Section (ALS) Inspections.

Our Astra/Westwind Team consists of A&P and IA-qualified aircraft inspectors, factory-trained specialists 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 permission of operator.

ENGINE CAPABILITIES

- We have been an authorized Honeywell MSP TFE731 Major and Line Service Center for 30 years. Our Astra/WW 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

- Compressor Zone Inspections utilizing parallel maintenance
- Duncan Aviation fleet of TFE731-3/-40 rental engines to support MPIs & CZI

APU CAPABILITIES

- Honeywell Authorized 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 inspections

AUTHORIZATIONS

- Authorized Honeywell MSP TFE731 Major and Line Service Center
- Honeywell Authorized GTCP36-100 and GTCP36-150 Series APUs

CERTIFICATION

- FAA Certified to repair Hamilton/Sundstrand APS 500 APUs

INTERIOR & PAINT INFORMATION & CAPABILITIES



INTERIOR CAPABILITIES

Duncan Aviation is a leader for interior refurbishments. 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 interior to add value, functionality and a renewed comfort level that truly must be experienced to be appreciated.

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 or Westwind in as little as 21 calendar days.

For each paint workspe, 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 and will last for years to come. In fact, Duncan Aviation offers a three-year warranty on all paint worksopes.

DUNCAN AVIATION DESIGN

Our award-winning in-house designers lead the industry in creating custom and unique paint and interior schemes. The

AVIONICS INFORMATION & CAPABILITIES



MODIFICATIONS

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 solution

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.

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)

STCs

ASTRA:

- Pro Line 21 IDS (straight & SP)
- RVSM
- Honeywell EGPWS MkVII
- UNS TAWS (Class A)
- Collins TCAS II
- GNS-XIs Dual
- Honeywell APU
- Honeywell DFDR
- G100 Interior

WESTWIND:

- RVSM
- KGS750 Inverter Upgrade
- EGPWS MkVII
- UNS TAWS (Class A)
- TCAS I
- TCAS II
- UNS-1M, -1K, -1B
- AHRS 3000A Dual



ALL COMPONENT EXCHANGES, OVERHAULS, REPAIRS AND LOANERS



We perform all scheduled hourly checks, phase inspections and Airworthiness Limitation Section (ALS) inspections on Astra/G100 aircraft.

We perform major inspections including 1A through 10A, 1C through 16C and all miscellaneous inspection requirements on G150 and G200 aircraft.

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/power supplies
 - electronics
 - electromechanical
 - pneumatics
 - hydraulic fluids/fuel
 - landing gear
 - multiple Nondestructive 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