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Located in Livermore, Calif., Aero Precision provides OEM component management for military aircraft operators in more than 60 countries across 16+ military platforms from more than 20 OEM partners. Aero Precision provisions OEM spares, manages R&OH and provides upgrade/modification solutions. Acquired by Greenwich AeroGroup in 2013, Aero Precision continues its expansion as a leader in military aircraft aftermarket parts and distribution services as an alternative to FMS.

As a growing, already global provider of comprehensive aircraft solutions, Greenwich AeroGroup and its nine companies and 850+ employees work in direct support for military, government, commercial, general aviation, fixed wing and rotorcraft operations.

# **Company History**

Aero Precision began as Aero Precision Industries (API), Inc., with its founder Evren Ergin in 1993 by providing customer focused solutions that supported three platforms (F-16, F-4, F-5) in a single country. In 1998, API signed as a distributor for Honeywell Aerospace, its first OEM partner followed by Zodiac Aerospace's ESCO and Hamilton Sundstrand. Soon after, the business model shifted to OEM Based military aftermarket component management. During the 2000's eight new OEMs were added, strengthening API's distribution channels and adding support for F-15, F-18, UH-60 and C-130 platforms. On July 15, 2008, API formed a strategic alliance with Dermond Defense & Aerospace (DDA) and continued its expansion of services. In May of 2011, Aero Precision Industries, LLC, was awarded the Presidential "E" Award for Exports by the U.S. Department of Commerce. Greenwich AeroGroup acquired Aero Precision Industries, LLC, on Jan 1, 2013.

Aero Precision combined its Customer Focus Solutions business model with OEM-Based Services to implement its current, successful business model worldwide. Today, Aero Precision distributes for more than 20 OEMs and holds exclusive distribution by territory on various military platforms. Aero Precision continues its expansion by adding new OEMs and platforms to its portfolio of services.

#### Overview

- · Headquarters located in Livermore, California
- Specialized in expanded logistics support programs
- Flexible, agile, reliable and committed to quality
- AS/EN/JISQ9120:2009 REV. A & ISO 9001:2008
- Aero Precision helps military customers operate:
  - efficiently and effectively
  - with lowered operating costs
  - while maintaining quality & safety
  - Utilizes the best-in-class ERP system

#### **Focus Platforms**

- Fighter (F-16, F-15, F-18, F-4, F-5, T-50, KT-1)
- Transport (C-130, CN-235, C-17, P-3)
- Rotary (UH-60/S70, UH-1, AH-64, CH-47, CH-53)

# **Export Compliance**

- Management commitment to ITAR and EAR
- Export compliance policy
- · Registered with AES to file our shipper's declarations in house
- Apply and manage all export licenses
- Restricted party screening performed in-house at multiple stages
- Reaistered with DoD and DoC

# Commitment to Compliance (FCPA)

- Management commitment to FCPA
- Code of ethics and anti-corruption policy
- TRACE membership representative selection process

# **Authorized Stocking Distributorships**

B/E Aerospace Pall Aerospace
CEF Industries Parker Aerospace
CIRCOR Aerospace Pratt & Whitney

Crane Aerospace Texstars

EATON Aerospace UTC Aerospace Systems

Honeywell ViaSat

Honeywell (Grimes) Lighting WestWind Technologies

HUPP Aerospace/Defense Woodward

McNally Industries Zodiac Aerospace (Elastomer, ESCO)

Marvin Test Solutions

# **Component Management**

Aero Precision facilitates component management and coordinates R&OH upgrade and modification services from various OEMs and OEM/ USG approved Service Centers.

# **Customer Focus Business Model**

The first priority in Aero Precision is the customer. Aero Precision visits, listens, understands and offers solutions to customers' problems. Solutions include but are not limited to licensing obsolete parts, providing packages for unique needs and providing engineering support, integration packages etc.

# Spares, R&OH, Modification, Upgrades, Integration on Military Aircraft Platforms

Fighter (F-16, F-15, F-18, F-4, F-5, KT-1, T-50) Rotary (UH-60/S70, UH-1, AH-64, CH-47 and CH-53) Transport (C-130, C-17, CN-235, P-3)

# Honeywell Aerospace

- · Avionics MFD, radar, VDR control panels
- Electric power systems generators, APU /GTC, starter
- AMS/ECS heat exchanger, cooling turbine
- · Aircraft Lighting NVIS, external, internal
- Fuel systems fuel control, pumps, valves, indicator
- · LG system wheels & brakes
- Engines and engine accessories

# UTC Aerospace Systems (Hamilton Sundstrand)

- EPS, generator, CSD, gear box
- Auxiliary power systems APU, generator control, pumps, valves
- · Actuation systems & dynamic controls

# Crane Aerospace

- Landing gear system equipment:
  - AntiSkid brake controls, valves, pumps
  - Mark IV AntiSkid system
- Secondary power source
  - Power conversion, power supplies, pump motor, battery charging
- Engine and fuel system components
  - Pumps, accumulator, sensors, valves
- · Avionics components
  - Proximity switch, ECM power
- Supply, valves
  - Propeller control motor

#### **Texstars**

- Transparencies, canopies & windows
- · Advanced windshield
- · Canopy dry seals

# McNally Industries

 RUPHIS Main Rotor Blade Removal Clamp for; AH-64D, UH-60 series, S-70 series, S-92

## **CEF Industries**

- APU door actuator
- · Rudder trim tab actuator assembly
- Elevator trim tab actuator
- Pallet lock assembly
- · Emergency extension gearbox assembly
- · Mechanical ballscrews
- Oil cooler actuator
- · Flap screw jack
- · MLG screw jack

# Zodiac Aerospace (Elastomer America)

- · Fuel cells for military aviation
- · Crash resistant cells
- · Bladder fuel cell
- · Self sealing fuel bladders

### Parker Aerospace

- · Fuel valves, nozzles, and spray bars
- · Brake assemblies
- · Flight control system, valves
- · Actuation systems, servo valves
- · Accumulators, compensators, indicators
- · Hydraulic pumps, cooling systems

# **Woodward Aerospace**

- Fuel injection, fuel controls, HMU's, fuel valves
- · Actuators, sensors, motors,
- · Switches, valves, transducers

#### **CIRCOR Aerospace**

- Landing gears
- · Steering actuators
- · Hydraulic pistons
- · Valve assemblies
- · Control valves
- Shock struts

# **EATON Aerospace**

- Electrical sensing and controls switches, actuators, controls
- Fuel system pumps, sensors, transmitter, conveyance
- · Hoses, couplings, tubes, ducts and seals
- Hydraulics accumulator, conveyance, flow control, pumps
- RynglokTM tube fitting system

# **B/E Aerospace**

 Fasteners and consumables for military markets, upgrade kits

# **HUPP Aerospace/Defense**

 360, 500 & 720 hour maintenance kits for UH-60/S70 & CH-47 aircraft

# WestWind Technologies

 External hoist arm for H-60/S70 helicopters

# **Pratt & Whitney**

APUs

#### **ViaSat**

 KU/KA-band satellite broadboard service provider

## **Marvin Test Solutions**

• Flight line (O-level), backshop (I-Level) and depot (D-level) military test systems

#### Pall Aerospace

- · Hydraulic Manifolds
- · Transmission Manifolds
- · Replacement Filter Elements
- · Screens & Last Chance Filters
- Fluid Purification Systems







6702 McNeil Drive Austin, TX 78729 512.331.5323 dacint.com



Based in Austin, Texas, DAC International, a Greenwich AeroGroup Company, offers a wide range of avionics upgrade solutions for airline, military, general and corporate aircraft, as well as MROs and OEMs worldwide. DAC uses certified solutions including navigational, communications and display systems to assist the aviation community meet new standards as well as the replacement of older systems. DAC offers a wide range of test equipment including RVSM, ARINC 615(A) portable data loaders and other Ground Support Equipment (GSE) and a whole range of data converters. Additionally DAC sells the GDC-64 Tablet Aircraft Interface Unit, which provides safe, approved aircraft power and serial data from a weather receiver to the iPad. DAC currently sells a new-generation Gen-X eEnabling Device (Electronic Flight Bag) and is a partner in the Cathay Pacific eEnabling program that is a world leader in implementing a comprehensive eEnabled for their operations. Additionally, DAC supplies complete integration kits with FAA or EASA STC for several types of aircraft such as ATR42/72, Dash 8, Fokker 50, and S76 to satisfy various operational requirements.

More than 15 premiere OEMs rely on DAC International's team of experts to provide integrated system solutions within complex cockpit environments to customers in over 60 countries and through a vast worldwide dealer network. DAC International was acquired by Greenwich AeroGroup in 2009 and is one of the group's nine aviation companies. Currently Greenwich AeroGroup employs 850+ associates providing a variety of aviation services.

#### **Company History**

Since its founding in 1981, DAC International has expanded its OEM relationships, customer base, and overall capabilities. Today providing products from two distinct sources; distribution and manufacturing (DAC Engineering and Certification Division).

DAC's reputation as a dependable, dedicated and accessible team of savvy technical experts has not changed and remains its trademark of excellence.

With a diversified sales footprint, sales in over 60 countries and worldwide employees in overseas/regional offices DAC continues to grow. FCPA Compliance, ITAR & Export License expertise, and International Tradeshow participation assures our OEM Partners of Worldwide sales. In addition our sales team are Multicultural and Multilingual and offer International business expertise.

As part of the growth at DAC International, a in-house capability for avionics design and system integration design

was added. This capability provides DAC with an FAA approved manufacturing facility, on-staff DER and an ability to design avionics systems to suit our customers' requirements.

#### Overview

- Headquarters located in Austin, Texas with offices across the world.
- Dependable, accessible, savvy and committed to quality and our customers' requirements.
- Specialized in providing integrated system solutions within complex cockpit environments.

#### Locations

- · Austin, Texas
- · Belo Horizonte, Brazil
- The Netherlands
- Weissenhorn, Germany
- · Bangkok, Thailand

#### **Avionics OEM Alliances**

- GoGo Business Aviation, Avidyne, FreeFlight Systems, Heads Up Technologies, Northrop Grumman Litef GmbH, Technisonic, Teledyne Controls, Genesys Aerosystems, SkyTrac and Ingenio.
- DAC International manufactured products include the Gen-X EFB, GDC-64 tablet interface unit and data converters.

# Test Equipment Manufacturer Distributorships

- Aero Express
- Aeroflex Wichita
- · Amptec Research
- Audio Authority
- DMA-Aero Division

#### **Engineering**

- · Avionics and system integration design
- · Avionics DER on staff

# Manufacturing

- FAA certified manufacturing process
  - FAA approved products
  - PMA certified products
  - TSO approved products
  - Certified design processes (software & hardware)





Government, MRO/CR&O Capabilities





# **MRO** Capabilities

- · Fixed-wing, rotary-wing
  - Maintenance, modifications, avionics, interior and paint services
  - From small to large aircraft structural component repairs
  - Secret/Top Secret security clearance
- Manufacturing
  - CNC 4 & 5 axis milling/turning centers
  - CNC sheet metal fabrication
  - Subassembly/Assembly
  - Composites hand layup and pre-preg
  - Paint and coatings capabilities
  - Catia V5, Gibbs CAM and Solid Works

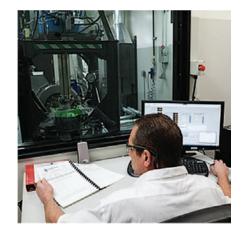
# **CR&O** Capabilities

- · Fixed-wing, rotary-wing
  - Accessory class 1, 2 and 3
  - Instrument class 1, 2, 3 and 4
  - Radio class 1, 2 and 3
  - Landing gear repair and overhaul
  - Exchange components
  - Extensive approved repair specifications and PMA capabilities
  - Accessories, including limited airframe
  - Pressurization components
  - Instruments
  - Avionics

ISO 9001:2008, AS9100C, AS9110A certified quality systems

# An integrated family of proven, world class, aerospace performers







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**TruAtlantic**Mfg

**Professional** Aircraft ACCESSORIES

Titusville, Fla.

CAGE D8XLD

**Summit** Aviation

**Western**Aircraft

Middletown, Del. Somerset, Ky. CAGE 6U666

Boise, Idaho

CAGE 003F2

Kernersville, N.C. CAGE 11 247





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# Helivia Aero Taxi, S.A.

Established in 1987, Helivia Aero Taxi, S.A. is a Part 135 offshore and onshore helicopter charter company with its main office in Rio de Janeiro, a Part 145 repair station and operating base and hangar facility in Macaé, Brazil.

- Helivia is primarily dedicated to supporting its Oil and Gas customers throughout the Brazilian region and has gathered considerable expertise in passenger transportation in the Oil & Gas Industry
- Its new team of international and Brazilian industry leaders bolster the company's experience as an operator of medium and heavy helicopters in onshore and offshore theaters of operations.
- In 2013 Helivia became a member of the JHST, the Brazilian division part of International Helicopter Safety Team and in 2014 was recognised by CEINPA (Centre of Investigation and Prevention of Accidents) and became a member of the (CNPAA) National Committee for the Prevention of Aeronautical Accidents.
- Helivia is primarily dedicated to supporting its Oil and Gas customers throughout the Brazilian region and has gathered considerable expertise in passenger and freight transportation in the Oil & Gas Industry.

#### **Fleet**

- One Sikorsky S-76C+ VIP/Offshore configuration
  - Unique to Offshore industry
  - Comfort without Compromising Safety
  - Externally mounted Life Rafts
  - Water Activated Floatation system
  - VHF Mariner
  - ADELT
  - Weather radar
  - FMS Flight Management System
  - TCAS
- Two Sikorsky S-76C+ Standard Offshore configuration

# **Experience**

- Key personnel within Helivia have the following combined experience:
  - 138 years industry specific experience
  - 85 years executive management experience
  - 45 years direct flight safety experience
  - 25,400 personal flying hours experience





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# NASAM Japan 株式会社

108-0075

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日本語でお気軽にお問い合わせください。

Founded in 1980, NASAM Inc. specializes in servicing the Japanese defense and space industries. Headquartered in South San Francisco, Calif., the company added a branch office in 2012 in Tokyo, Japan called NASAM Japan K.K. NASAM is an international distributor of high-reliability electronic components for satellites and spacecraft, defense related systems, aircraft parts and life support equipment.

### **Core Capabilities**

- · Export license application and control
- · Research, marketing and sales of new products
- · High-reliability quality assurance services

# **Quality Control Capabilities**

**Quality Policy** 

"NASAM will consistently provide products and services that meet or exceed requirements and expectations of our customers. We are committed to actively pursue and continuously improve the effectiveness of our quality management system."

#### NASAM QMS: IS09001 / AS9120 / MSJ4000

- 100% visual inspection per MIL standard
- Statistical analysis with quality record/database
- Electrostatic Discharge (ESD) controlled inspection area and inventory cage
- Temperature/humidity monitor system for stock area
- Hosting/Performing customer source inspection

# High-Reliability Electronic Components for Space Programs

Defense Logistics Agency (DLA) space qualified devices in accordance with Qualified Manufacturer List (QML)/Qualified Product List (QPL) such as:

- Microcircuits
- FPGA
- Discrete semiconductor devices, hybrid components and devices (DC-DC converters, power management modules)
- · Radiation hardened devices
- · Standard Military Drawing (SMD) modules
- · Passive devices
- · Sub-systems

#### Examples of application

Various commercial and government satellites such as:

- ISS/HTV
- ALOS
- H-2A/B
- QZSS

Hi-reliability quality assurance services such as:

- SCD (Source Control Drawing) generation for custom devices for spacecraft use
- Inspection services per MIL standard
- · CSI (Customer Source Inspection) services
- Subcontracting up-screening tests and qualification inspection tests
- Quality and logistics control with major U.S. aerospace manufacturers

# **Aircraft Parts**

Military aircraft parts including:

- · Control stick grips
- · Throttle grips
- Pitot tubes
- Valves
- · Pressure switches
- · Liquid oxygen converters

#### **Examples of application**

Parts for Japan Self Defense Forces aircrafts such as:

- F-2
- F-4
- F-15
- C-130H
- E-767(AWACS)
- E-2C

### **Defense Systems**

- · Synthetic aperture radar
- Compact surveillance radar
- · Sensor integration network server
- · Data link systems
- Unmanned systems

#### Life Support Equipment

- Oxygen generator liquefier
- · Portable liquid oxygen supply system
- Mass oxygen distribution system

#### **End Users**

- Japan Aerospace Exploration Agency (JAXA)
- Japan Ministry of Defense (JMOD)
- Japan Ministry of Land, Infrastructure, Transport and Tourism (MLTI)





A GREENWICH AEROGROUP COMPANY

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Based on Florida's Space Coast near the Kennedy Space Center in Titusville, the company is located on the main runway at the Space Coast Regional Airport (TIX) and is a fully-approved FAA/EASA Part 145 Repair Station specializing in the repair and overhaul of instrumentation, aircraft accessories, landing gear and airframe components for both fixed-wing and rotary-wing aircraft for the commercial, military and business aviation markets. The company is also ISO 9001-2008 certified.

Professional Aircraft Accessories Inc. has developed a diverse domestic and international customer base that includes:

- · Aircraft brokers
- Commercial airlines
- Corporate flight departments
- · Fractional fleets
- Independent MRO's
- Original Equipment Manufacturers (OEMs)
- · Parts distributors
- · Regional airlines
- · U.S. Military and Foreign Military aircraft fleets

## **Facility Overview**

Professional Aircraft Accessories Inc., operates on a 24/7 basis in a modern 60,000 ft. climate-controlled facility encompassing machining, assembly and shops, test and avionics labs supporting the build and overhaul of landing gear, aircraft accessories, instruments and avionics.

# **Landing Gear Shop Capabilities**

Proven capability in providing Service and Overhaul services to a wide range of commercial, military and business aircraft (both turbine and turbo-prop), supported by an extensive inventory, including complete ship-sets, available for exchange. PMA capabilities and extensive range of Approved Repair Schemes available.

Aircraft models covered include:

- Beechcraft
- Bombardier
- Cessna
- Dornier
- Embraer
- Hawker Beechcraft

Typical domestic and international customer base includes:

- · Corporate flight departments
- · Fractional fleets
- Military customers, both domestic and foreign
- Regional airlines

# **Component Capabilities: Rotary Wing**

- UH-1/Bell 204, 205
- AH-1/Bell 212
- OH 58/Bell 206
- Bell-407
- Boeing CH-47 Chinook

## **Component Capabilities: Fixed-Wing**

- Boeing
- Bombardier
- Cessna
- Dornier
- Embraer
- Gulfstream
- Hawker Beechcraft
- Lockheed
- Sabreliner
- Lockheed Martin C-130

## **Accessories Capabilities**

Includes all Class 1, 2, 3 accessories:

- Wheels and brakes
- · Pneumatic and hydraulic shutoff valves
- Outflow and safety valves
- Blowers/air cycle machines
- Ballscrews and jackscrews
- Hydraulic and electromechanical actuators
- Pneumatic relays
- Gearboxes
- Drag braces
- Harnesses
- Main transmissions
- · Rotor hubs
- · Cargo winches
- · Fuel boost pumps
- Hydraulic boost packs

# **Avionics Capabilities**

Includes all Radio Class 1, 2, 3 items:

- Navigation systems
- Communications systems
- · RADAR systems
- CVR's
- DME's
- ADF's
- Transponders
- EPRT's

## **Instrument Capabilities**

Includes all Class 1, 2, 3, 4 items:

- · Fuel flow, fuel level, oil indication and pressure indicators
- Altimeters, attitude and vertical speed indicators
- Air data systems
- · EPR transmitters
- Temperature indication

### **Pressurization Shop Capabilities**

Includes all Class 1, 2, 3 accessories:

- Mini controllers
- · Cabin controllers and pressure units
- · Pneumatic relays
- · Safety and outflow valves
- · C-130 valves





105 Southfield Parkway, Suite 300 Forest Park, GA 30297 800.283.2105 proaviation.com



Based in Forest Park, Ga., Professional Aviation Associates Inc. (a Greenwich AeroGroup Company) has a proud history of providing quality cost effective parts support since 1985. PAA is a global supplier of rotables and airframe parts for the Beechcraft King Air series, Beech 1900,C-12, T-44 and Beech jet aircraft.

Matrix Aviation was acquired by Greenwich AeroGroup in June 2009 and is now fully integrated under the PAA company name. This has enabled us to expand our rotable parts support in avionics, instrumentation, TCAS and weather radar equipment.

In addition, we provide comprehensive rotable exchange programs and inventory parts support solutions for Agusta, Bell, Eurocopter and Sikorsky helicopters.

We maintain thousands of hard-to-find rotables and expendable inventory in our new 46,000 square foot state-of-the-art Distribution Facility close to Atlanta's Hartsfield-Jackson International Airport.

We are a Stratoflex (TSOA) approved hose shop building hoses for turbo-prop, fixed wing aircraft and helicopters. We offer complete hose kits and custom built hose assemblies to suit your needs.

#### Overview

- ASA-100 accredited in accordance with FAA AC 00-56A
- FAA/TSOA Parker-Hannifin Stratoflex hose manufacturer
- · Headquarters located in Atlanta, Georgia
- Customer service oriented employees with 915 years of combined experience

# Parts Distributor for a wide variety of manufacturers including:

- · American Polarizers
- · Diecron, Inc.
- Floats & Fuel Cells
- · LP Aero Plastics Inc.
- PPG Windshields
- Parker Hannifin-Stratoflex
- RAPCO, Inc.
- Sun-Foil Aircraft Sunscreens
- Triumph Aerospace

#### **Products**

- Actuators
- · Airframe components
- Avionics
- Engine accessories
- · Electrical items
- Hydraulics
- · Instruments and avionics
- Landing gear
- Motor and gear boxes

#### **Services**

- 24/7 AOG service.
- Leading global supplier providing parts, services including comprehensive exchange, overhaul and repair programs for corporate aircraft with fast turnaround.
- Our location adjacent to Hartsfield-Jackson International Airport allows for A.O.G. shipments worldwide with counter-to-counter shipping capabilities.
- Complete engine/hydraulic hose kits or individual assemblies. Built to order, fast turn-times. Turbo props, fixed wing or rotorcraft.

#### Floats & Fuel Cells

FFC offers new PMA and overhauled/repair fuel cells for your aircraft and an extensive inventory.

#### **PPG Aerospace**

PAA has rebuilt exchange windshields on hand and ready to ship. Benefits of PPG-rebuilt windshields:

- · Same materials and components as a new OEM part
- · Upgraded to the latest OEM-approved design configuration
- Superior optical quality
- Certified structural integrity
- Reliable electrical heating system
- Two-year warranty
- · Surface seal coating
- · Lower cost than new spare

# **Triumph Aerospace**

 King Air cabin windows: available for 65-88, E90, F90, H90,100, B100, A200CT, B200, B200C, B200T, B200CT, B300, B300C series aircraft

#### RAPCO, Inc.

- Brake components
- De-ice components
- Filters
- Fuel Pumps
- Gaskets
- · Pneumatic components-vacuum & pressure

#### **American Polarizers**

- API's innovative polarized aircraft window elements outperform all other sunlight control systems. Using the scientific principles of polarization instead of ordinary blinds and shades, Eclipse® polarized window elements provide full cabin window control of sunlight from bright to near opaque and everything in-between.
- Eclipse® polarized aircraft cabin window elements meet or exceed all original equipment specifications and performance criteria.

#### **LP Aero Plastics**

- LP Aero Plastic's windshields and windows are manufactured
  of high optic quality acrylics. These are available in clear, green
  and solar gray tints for the pilot's compartment and medium
  gray, dark gray, medium bronze and dark bronze for the
  passenger windows and skylights.
- For ease of installation, LP Aero windshields and windows are trimmed to OEM specifications. The LP Aero quality control systems are approved by the Federal Aviation Administration, meeting the Federal Aviation Regulations, and the Department of Defense, meeting MIL-I-45208A.

#### **General Machine Diecron**

- GMD's primary focal point is manufacturing of machined components. From monolithic air frame components, to complex mechanical components assemblies.
- Design parts to meet or exceed OEM and PMA specifications.

# **Sun-Foil Aircraft Sunscreens**

- Protects aircraft interior. Radiant heat is reflected by 97% and UV protection prevents cracking and discoloration.
- Secures avionics panel. Complete screen sets are an effective deterrent to common avionics theft.
- Keeps cockpit cooler. Protects sensitive components from heat and enhances pilot comfort.
- Built-in storage. Sun-Foils roll easily and are secured with a long Velcro strap. They are easily stored in a custom-fit bag with a personalized ID tag.

#### Parker Hannifin-Stratoflex

- Certified FAA/TSOA
- · Custom built assemblies hose kits for:
  - Beech
  - Bell
  - Cessna
  - Northrop Grumman
  - Britten-Norman Islander
  - Bombardier Learjet
  - Mooney
  - Piper
- Rubber hose assemblies
  - Applications
    - Aerospace hydraulic, fuel pneumatic, coolant, oil systems, low-pressure air and vacuum instrument systems.
    - General aviation
    - Helicopter
- · Hose assemblies
  - Applications
    - Business aircraft
    - General aviation
    - Helicopters
    - Military wheel & track vehicles
    - Missiles
    - Regional aircraft
- · High-pressure swivel joints
  - Applications
    - Aerospace fuel systems
    - Aerospace hydraulic systems
    - Landing gear
    - Military ground vehicles
    - Space applications
    - Wheel brakes
- Hydraulic fuses and hose fittings
  - Applications
    - Actuators
    - Hydraulic fluid motors
    - Landing gear
    - Nose wheel steering
    - Wheel brakes







4200 Summit Bridge Road Middletown, DE 19709 800.441.9343 summit-aviation.com



Summit Aviation, founded in 1960, is a full-service aviation center located in Middletown, Delaware at KEVY Airport (EVY) and is the oldest, continuous operating aircraft company in the state of Delaware.

Over the years, Summit Aviation has grown steadily by performing quality work at reasonable prices. In June 2008, Summit Aviation was acquired by Greenwich AeroGroup and has continued to set the industry standard for quality, versatility, cost effectiveness and excellent customer service.

#### **Markets**

Summit supports multiple lines of business including:

- U.S. Government Department of Defense and international military
- · U.S. Government Non-Department of Defense and special missions
- General and corporate aviation
- · State and local law enforcement
- · Manufacturing and assembly
- · Aircraft sales and leasing
- OTC part sales

#### **Customers**

Summit Aviation has an extensive U.S. and International customer base including:

- Boeing
- FBI
- International Militaries
- · Law Enforcement
- Northrop Grumman
- · Sikorsky Aircraft
- United States Departments (DEA, Justice, Interior, Navy)
- · United States Militaries

#### **Facility Overview**

- KEVY airport (EVY) is owned and operated by Summit Aviation
- North/South runway 17/35 is 4500 feet by 66 feet medium size jets and turboprop capable
- 120,000 square feet of hangar space
- 11,500 square feet of office space
- 9,200 square foot paint facility
- Cleared DoD approved contactor facility
- · Fenced-in facility with 24/7 video surveillance
- Three published IFR approaches

### **Services**

- Authorized to perform inspection, maintenance, repair, and modifications to airframes, engines, and avionics systems
- Access to structural, systems, and test pilot facilities capable of approving designs for structural modification/repairs, flight test/system analysis and human factors
- Full FB0 services
- 24/7 AOG service with appointment
- Military/Government MRO

- · Cargo/utility/attack rotary wing aircraft
- · Special mission aircraft

#### Certifications

- FAA part 145 certified repair station
- AS9100C certified
- FAA radio class 1, 2 & 3 ratings
- · Airframe Class 3 rating

# Service Centers & Agreements

- Approved service center for:
  - Airbus Helicopters AS350, A355, BK117, B0105, EC130/135/145
  - Bell Gold Certified CSF 204, 205, 206A/B/L, 407, 412, 429
  - Cessna 208 Models & Single Engine Piston Aircraft
  - Euravia PT6 A Models and T Models
  - Mahindra Aerospace GippsAero Airvan 8
  - Quest Kodiak 100
  - Sikorsky S-76A<sup>TM</sup>, S-76B<sup>TM</sup>, S-76C <sup>TM</sup>, S-76C+<sup>TM</sup>, S-76C++<sup>TM</sup>
  - Additional aircraft capabilities: King Air, MD-500 and Pilatus
- Avionic agreements
  - Avidyne
  - Cobham
  - Garmin
  - Honeywell
  - Meggitt Avionics / S-Tec
  - Rockwell Collins
  - Sandel
  - Universal Avionics
- · Engine agreements
  - Euravia PT6
  - Lycoming
  - Pratt & Whitney
  - Teledyne Continental Motor

# **Paint Capabilities**

In 2011 Summit Aviation built a new 9,200 square foot, state-of-the-art paint facility capable of full interior and exterior paint services.

### **Manufacturing Capabilities**

Summit Aviation's manufacturing facility in Somerset, Kentucky provides aero structure product assembly for a variety of military and commercial helicopters and fixed wing aircraft. The facility has paint capabilities that support prime and finish components.

The 28,000 square foot facility has a 62,000 production hour capacity, is AS9100C certified and has a skilled stable workforce producing year-over-year double digit growth.





1322 South Park Drive Kernersville, NC 27284 336.992.1100 truatlantic.com



Based in Kernersville, N.C., TruAtlantic
Manufacturing has more than 20 years of continued
customer satisfaction. Formerly Atlantic Aero
Manufacturing the company changed its name to
TruAtlantic Manufacturing in 2014.

Its Computer Numerical Control (CNC) state-ofthe-art high precision equipment offers superior accuracy and cutting performance reducing turn time for customers. And its "mill/turn" technology allows them to be more competitive; as well as more creative in the way they manufacture products for their customers. In addition to machining, TruAtlantic offers manufacturing engineering, prototype tooling fabrication, detailed sheet metal fabrication, assembly and kitting as well as composites.

#### At A Glance

- 56,000 square foot climate controlled facility
- IS09001:2008 + AS9100C certified
- CNC 4 & 5 axis milling/turning centers
- CNC sheet metal fabrication
- Composites hand layup and pre-preg
- · Paint and coatings capabilities
- · Kitting and stocking components and sub-assemblies
- Prototype tooling design and manufacture
- · Assembly capabilities with balancing and load testing
- Process design and engineering using Catia V5, Gibbs CAM and Solid Works
- Supply chain organization in place with full range of out-side supplier support
- ISO 9001:2008 + AS9100C certified quality system with automated CMM inspection
- FARO platinum arm laser scanning head capabilities for inspection and reverse engineering

# **Manufacturing Capabilities**

- 3, 4, and 5 axis, multiple pallet CNC machining centers
- 2, 3, 4, and 5 axis, multi-turret, multi-spindle CNC turning
- Full scale assembly, riveting, adhesives, nut-plate, lay-up, welding, etc.
- Anodization, chem film, passivation, and pressure testing via approved suppliers
- · Heat treating and plating through our approved suppliers
- Multiple paint booths for all different levels of paint and color matching

## Composites

- 600 sq. ft. climate controlled Wet Lay-up room (carbon fiber, fiberglass, etc.)
- 600 sq. ft. climate controlled Prepreg room
- 14' W x 20' L x 9' H cross flow paint booth
- (2) Walk-In ovens (60" W x 132" D x 86" H interior) & (48" x 48" x 72" H interior)

#### **Materials**

- · All common manufacturing metals both ferrous and non-ferrous
- Most exotic materials such as Titanium, Inconel, Monel and Kovar
- Plastics and Phenolics
- Virtually any form of raw material including castings, forgings, bar stock, ingots, and plate stock

# Manufacturing Engineering

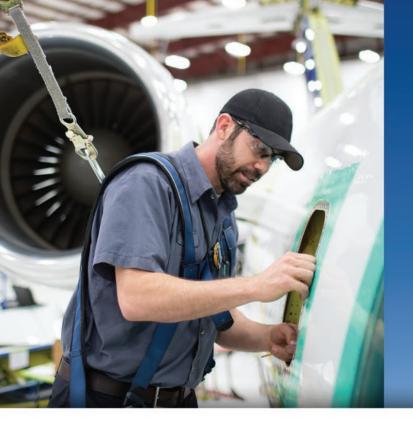
- CAD/CAM capability, including solid modeling and rendering
- CATIA V5, SolidWorks, AutoCAD, GibbsCAM
- · Full 5-axis and solid surfacing capabilities
- Reverse engineering and measurement using FARO arm with laser scanning head

# Quality

- ISO9001:2000 + AS9100C
- Optical Comparators
- Coordinate Measuring Machines
- Faro Portable CMM equipped with laser scanning head
- Multiple calibrated hand-held measuring devices traceable to NIST

#### **Part Size**

- Turning Centers
  - 14.01" diameter x 27.75" length
  - 15.3" diameter x 19.1" length
- · Milling Centers
  - 31.5" x 20" x 20" w/ 4th axis
  - 40" x 20" x 25" w/4th & 5th axis
  - 50" x 20" x 20" W/4TH axis
- CNC tool room Lathe: 10" O.D. x 80"
- Chucking Lathes: 16" O.D. x 60"





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Based in Boise, Idaho, Western Aircraft is one of the largest aircraft services companies in the Western United States, offering maintenance, aircraft sales, avionics sales and installation, interior refurbishments, aircraft part sales, FBO services, airline fueling, aircraft charters and aircraft management.

# **Company History**

Western Aircraft began as the corporate flight department for the Morrison Knudsen Corporation (MK), headquartered in Boise, Idaho, more than 60 years ago. In, 1957, MK responded to an overwhelming need for aircraft repair services by applying for and receiving its first FAA Certified Repair Station Certificate. During the 1980s, three more hangars were added, and the company became a wholly owned subsidiary of Morrison Knudsen Corporation incorporated under the name of Western Aircraft Inc.

In 1995, Al Hilde, Jr. and Allen Hoyt purchased the company from Morrison Knudsen. Over the next 12 years, the company became the world's largest PC-12 dealer and a Falcon Authorized Service Center, driving Western's growth. In July 2007, the company was purchased by Greenwich AeroGroup. Significant investments in people, training, tooling, technology and facilities have helped us to provide our customers with personalized service and unsurpassed technical expertise.

#### **Overview**

- 140,000 square feet of hangar and office space
- 260,000 square feet of ramp space that can accommodate the largest corporate aircraft
- · FAA certified class 4 repair facility
- · AS9110 certified
- AvFuel branded FBO that pumps over 18 million gallons of fuel annually for GA, corporate, government and airline customers
- Private FBO terminal with a pilot's lounge and flight planning area
- Charter department and aircraft sales serving the western United States

#### **Maintenance Capabilities**

- Modify and repair turbine and piston fixed wing aircraft
- Bombardier Challenger 300, 350, 601 & 604 heavy maintenance services
- Factory authorized service center for:
  - Beechcraft/King Air
  - Cessna
  - Dassault Falcon
  - Hawker Beechcraft

- Piaggio
- Pilatus (PC-12)
- Quest
- Honeywell authorized service center (TFE-731, CFE-738 and ATF-3)
- Pratt & Whitney authorized service center (308)
- In-house Non Destructive Testing (NDT)

# **Avionics Capabilities**

- Western Aircraft has proven capabilities in many complex and simple upgrades for our Falcon, Challenger, Hawker, KingAir & Pilatus customers, including:
  - Easy II upgrades
  - Proline 4 to 21 upgrades
  - Honeywell ELITE cockpit
  - Garmin G600 installations
  - Garmin G1000 installations
  - Garmin GTN Radio Package installations
  - Aircell Iridium Phone systems
  - Aircell GogoBiz Internet systems
  - Magnastar removal retrofits
  - Swift Broadband
  - Wi-Fi installations
  - Cabin Management Systems
  - Cabin Entertainment Systems
  - RAAS/Smart Runway
  - FMS Upgrades
  - Enhanced vision systems
  - HAPP and CASP warranties
  - Authorized dealer & service center for all major and most other avionics manufacturers

#### **Interior Capabilities**

- We visualize, design, engineer and manufacture custom components to fulfill a customer's requirements for major interior refurbishments for large business jets and turboprop aircraft
- 10,000 square-feet of dedicated and purpose-built interior refurbishment workspace
  - 5,800 square-foot wood shop with ergonomically situated equipment in a modernized facility
  - 3,800 square-foot fully equipped and modernized upholstery shop with dedicated upholstery stylists
- State-of-the-art downdraft cabinetry finishing spray booths large enough to carefully and professionally handle oversized interior components found in the Falcon 7X and Bombardier Global Express
- Dedicated team of interior technicians with a combined total of more than 130 years of experience

#### **Parts**

Stock inventory to support: Beech I Cessna I Falcon I Hawker Pilatus I Piper

- \$10 million inventory of both proprietary and aftermarket parts
- 24/7/365 support
- Direct access to more than 200,000 FAA approved line items
- Large component exchange pool
- · Worldwide shipping
- · Parts distributor for a wide variety of manufacturers
- · AC 00-56 compliant

#### **FBO Services**

- 260,000 sq. ft. of ramp space
- · Courtesy cars
- · Shuttle service
- · On-ramp rental cars
- · Hotel discounts
- · Gourmet catering
- Wi-Fi
- Private pilot's lounge and conference room
- Flight planning center with WSI Pilotbrief Pro
- · Six heated hangars including transient hangar
- 24 hour fuel service available
- · AVTRIP fuel incentive program
- · Honor many fuel contract programs
- Accept all major credit cards

#### **Charter Services**

- Exclusive fleet of late model Pilatus PC-12s
- Serving Boise, Sun Valley, Seattle, Salt Lake City, Reno, Portland, Sacramento, Jackson Hole, Las Vegas, McCall, the western United States
- Comfortably accommodates nine passengers and cargo which can include golf clubs, kayaks and more
- Proven safety record 12 years and more than 22,000 hours without any incidents, accidents or flight violations
- Dispatch reliability rate of 99.7 percent
- 24/7 callout schedule
- ARG/US Gold operator

#### **Aircraft Sales**

- · Factory authorized dealer for new Pilatus and Piper aircraft
- Recognized as the world's top sales and service organization for the Pilatus PC-12
- First PC-12 dealer worldwide to sell 100 new PC-12s
- Specializing in pre-owned turbine aircraft acquisition and brokerage services
- · Aircraft management services
- · Full-time demonstration pilot on staff

