Meta Special Aerospace’s Technical Services are a full service MRO and FBO, providing quality, efficiency, and cost-effective maintenance solutions to owners and operators of private, commercial, and government aircraft. We place customer support, speed, and flexibility at the forefront of our business model. We have recovered, serviced, and delivered aircraft globally throughout North, Central, and South America, as well as Europe, Asia, Africa, and along the Pacific Rim. No job is too big or too small.
Meta Special Aerospace’s Technical Services specialize in a variety of aircraft including Beechcraft, King Air, Airliner 1900, Dash-8, Beechjets, Hawker, Cessna, Citation, Conquest, Caravan, Gulfstream, Westwind, and Twin Commander.
MRO (MAINTENANCE, REPAIR, AND OVERHAUL)

Meta Special Aerospace’s Technical Services are a one-stop Aircraft Maintenance, Repair and Overhaul facility specializing in light and medium turboprop and jet powered aircraft. With extensive experience, Valair has rich history in supporting legacy aircraft, increasing value, and reducing operating cost. As a full service MRO, we provide depot level heavy repair and modification, as well as exterior paint, custom interiors, and avionics system repairs and upgrades.

- Private, Commercial, and Government Fleets
- Light, Medium Turboprops and Turbojets

MSA IS A PROUD FACTORY-AUTHORIZED SERVICE CENTER, DEALER AND REPAIR STATION FOR:
TWIN COMMANDER

AVIONICS

Your avionics suite is a key component of a safe and comfortable flight and a major part of your aircraft investment. As specialist in legacy aircraft, Valair understands the importance of both upgrading existing systems and keeping these systems in top working order. Our custom installations include laser wire harness identification and full engineering support to provide the complete modification package.

LEADING UPGRADES OFFERED:
- In-flight Cabin Entertainment Systems
- Global Positioning Systems (GPS)
- Flight Management Systems (FMS)
- Terminal Area Collision Avoidance System (TCAS)
- Satellite Telephone Systems
- Weather Radar
- Satellite Telephone Systems, Wi-Fi
PAINT

Meta Special Aerospace’s Technical Services offer full service custom exterior refinishing. Our environmentally friendly paint facility and highly skilled technicians deliver detailed paint schemes that routinely exceed customer expectations and enrich the appearance of the aircraft.

- Complete exterior refinishing using high quality coatings
- Application of flags, logos, and placarding
- Detailed refinishing of landing gear and gear wells
- Metal polishing and stainless hardware replacement
- Installation of erosion prevention products

INTERIOR REFURBISHMENT

Meta Special Aerospace’s Technical Services offer complete interior refurbishment and reconfiguration. Our experienced and highly skilled technicians will personalize your plane with quality leathers and fabrics from our premier suppliers and restore or fabricate new cabinetry to your specifications. Valair can also integrate high-performance lightweight cockpit and cabin materials to reduce aircraft weight for improved fuel efficiency and extended duration.

- Complete interior refurbishment
- Finely crafted cabinetry and custom upholstery
- Passenger to Cargo Conversions
- Air Ambulance Equipment Installation and Re-configuration
- Ultra-Light Weight Special Missions Interiors
- Design, manufacture and certify advanced composite structures
STC/ENGINEERING

MSA’s Technical Services are an experienced and leading provider of custom-designed STC applications for Beechcraft King Air, Twin Commander, and Cessna Caravan aircraft; as well as a distributor for the complete line of Commuter Air Technology’s STC-based modifications. Valair provides engineering, detailed design, prototyping, and field-testing all under one roof.

• Proper engineering capabilities
• FAA process experience

GOVERNMENT SUPPORT AND SPECIAL MISSIONS MODIFICATION

Meta Special Aerospace’s Technical Services have an established history of providing comprehensive, high value integration solutions for commercial, military, and government airborne special mission applications with a proven track record of exceeding customer expectations.

OUR SPECIALIZED CAPABILITIES INCLUDE:
• Aggressive Production Schedules
• Innovative Solutions based on Applied Technology acquired through Valair’s recent and relevant operational experience.
“Experienced operators designing and building aircraft”
• Defense Contract Management Agency (DCMA) Approved
• Engineering
• DER Support Services
• Flight Testing
• Training – operator and pilot training
Meta Special Aerospace’s Technical Services provide comprehensive parts support that includes competitive pricing and delivery. We offer quality customer support with a significant inventory for:

- Cessna Aircraft – Caravan
- Twin Commander Aircraft
- Beechcraft – Beechjets, King Air and Beech 1900
- Piper Aircraft

MSA maintains a globally distributed parts logistics network to provide the highest level of support for large programs.
CARGO CARRIER

Expand carrying capacity, accommodate bulky, over-sized luggage and maximize productivity of your King Air 100, 200 or 300 series aircraft. With an unprecedented 60 cubic feet of additional space, the Cargo carrier holds up to 500 lbs. of baggage, allowing operators to eliminate cabin clutter and easily carry luggage for a planeload of passengers. The Cargo carrier allows for easy loading and unloading of heavy, cumbersome baggage and comfortably accommodates over-sized items.

PERFORMANCE & RELIABILITY

The Pod's aerodynamic design allows operators to maintain their original climb and cruise performance within 3-5 knots plus increased aircraft stability. There are no take-off or landing penalties. With Kevlar-lined, fiberglass laminate construction, the Pod is extremely durable. Zero failures, no airworthiness directives. An optional nose shield prevents FOD damage to Pod.

STC available for:
- 100, A100
- 200, B200, 200T
- B300
MSA Exhaust Gas Extractors are designed to increase fuel efficiency, improve cruise and climb performance, reduce nacelle sooting and virtually eliminate exhaust stack cracking on your King Air 90s, 200s or B300 series. The venturi-shaped design of the MSA Stack provides for a harmonically balanced, aerodynamically efficient exhaust gas system, which optimizes the performance and functionality of your King Air.

**BENEFITS**

**Fuel Efficiency**
- Less fuel consumption with savings up to 20 lbs. per engine
- 10% reduced fuel burn during cruise flight
- Reduced Drag

**Increased Performance**
- Increased climb performance
- Up to 8 Knot Increase 1700 RPM
- Up to 11 Knot Increase 1900 RPM

**STC available for:**
- 65-A90, B90, C90, C90A, E90, H90
- B200C, A200, B200CT, B200T, A200CT, 200CT, 200T, A200, B200, 200C, 200, A200C
- A100-1, B300 Series
MSA Soft Touch Tires: High Flotation Gear performance with no modifications to your aircraft! Experience the softer ground roll, increased landing options and greater safety of High Flotation Gear (HFG) without the hassle. Created in direct response to client requests, MSA Soft Touch Tires are bigger, stronger, 10-ply tires that provide all the benefits of the HFG and fit into standard-gear wheel wells.

**BENEFITS**
- Maintain standard gear climb performance while providing higher ground clearance
- Softer Landings
- Smoother taxiing
- Up to 30% increase in tire life
- Minimize hydroplaning
- Increase landing options in an emergency
- No modifications to the aircraft
- Available in Michelin or Goodyear

**STC available for:**
- 200, 200C, 200CT, 200T, A200, A200CT, B200, B200C, B200CT, B200T, B200GT, B200CGT 100
- A100, A100A, A100C, B100
- F90

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