



AXXEUM

CAPABILITIES BRIEFING





Headquartered in Huntsville, Alabama; Axxeum is a full-spectrum worldwide aviation services provider with diversified growth in capabilities and customers. Axxeum is committed to maintaining expeditious and agile infrastructure to support it.



CORE COMPETENCIES

AIRCRAFT MODIFICATIONS

- Major Repair Modifications and Alterations
- Return to Service

SERVICE

- Contractor Logistics Support (CLS)
- Major Repair Modifications and Alterations
 - USG and Commercial - Rotor and Fixed Wing Aircraft - Globally
- Aircraft Operations
 - Rotary and Wet, Damp, and Dry lease options
- Aircraft Maintenance
 - Commercial and Military
- Manufacturing
 - Wire Harness, Cable Assemblies, Control boxes

TRAINING

- Specialized Flight Training –Recurrent, SAR, NVG, Fire, EP, etc.

SALES

- Parts Distribution
 - Multiple partnerships with aircraft OEM's and MRO's

ENGINEERING

- Direct Access to FAA ODA's, DER's, and DAR's
- VALTAM Armor and FAA STC's

CORPORATE OVERVIEW

Axxeum can support the rapid deployment for a global footprint and is ready to support customer requirements at a moment's notice. Anytime and Anywhere.

Strategic growth and diversification within the industry are paramount for sustainable success. For this reason, Axxeum continually seeks to expand our core competencies by opening up new and creative lines of business with industry partners.

Pursuing ever changing opportunities with both local Government and federal agencies, all within the Huntsville area, help continue to make the North Alabama region one of the most valuable in the world.



COMPANY CULTURE

UNCHALLENGEABLE EXCELLENCE

- Steadfast commitment to our customers and our personnel

UNPARALLELED PERSONAL INTEGRITY AND BUSINESS ETHICS VALUE

ADDED QUALITY PERFORMANCE AND PRODUCTS

PEOPLE AS OUR GREATEST ASSET – *Our Employees*

- Hire, maintain, and retain experienced professional staff
- Provide career opportunities and competitive benefits
- Provide optimum facilities, tools, equipment and training
- Create an atmosphere for success



MAJOR CONTRACTS

- **KRACEn** – Kits, Recovery, Augmentation, Components, and Engines IDIQ with NAVAIR - \$6B ceiling value with a PoP of 10 Years
- **EPIC** – Engineering, Procurement, Integration, and Contractor Logistics Support IDIQ with USAF - \$1B ceiling value with a PoP of 13 Years
- **SNAP** – Simplified Non-Standard Acquisition Program BPA – Unlimited Ceiling Value with a PoP of 3 years
- **MD530 AAF Contractor Logistics Support (CLS)** – Subcontractor to MDHI supporting various locations – PoP of 4 years
- **UH-60A AAF Contractor Logistics Support (CLS)** – Subcontract to SES-I supporting MOB CLS efforts in KAIA and KAF – PoP of 12 months
- **FMS BELL 212 Modification** – 2-year Period of Performance
- **C-130 DLA Manufacturing IDIQ** - 5-year Period of Performance
- **MASPO Third Party Logistics (3PL)** - Procure and deliver parts, equipment, supplies and services to support non-standard rotary wing aircraft. Ceiling value of \$43.5M with a PoP of 6 years
- **Logistics Support Facility Management Activity (LSFMA)** - Manufacture A-Kits supporting US Army CH-47/ H-60 Common Infrared Countermeasures (CIRCM) upgrade and modification program
- **Chad 208 Spares and Support Equipment** – Prime contractor with USAF Procure, Kit, and ship to end user.
- **Rwanda C208 CLS** – USAF RASM office CLS support for Rwanda Air Force – PoP 4 years

RECENT SUCCESS EDGE23 HERO-120 SAFE SEPERATION



Axxeum/UVisionUSA teamed up to bring to EDGE23 the first ever safe separation and aerial launch of the HERO-120 currently utilized by USASOC soldiers. Program started January 2023 with the achievement of the successful pneumatic launch and safe separation at 500' AGL hover. HERO-120 flawlessly initiated forward flight and several firsts for the US Army occurred.

OBJECTIVE: FVL Pilots to launch/pass control to other Aircraft/Soldiers ext. range

List of First:

- Helicopter Pneumatic Launch of HERO-120
- Executed 6 tactical handovers over 50KM+
- HERO-120 Launched and Piloted from Helicopter



Strategic Partnerships

- **Textron Special Mission Wing (SMW) Program Office** – Authorized Supplier for all SMW supported aircraft (King Air 200/350, Caravan 208, Beechcraft 1900)
- **MDHI** – Authorized Service Center
- **Bell Helicopter** – Authorized supplier with active Basic Ordering Agreement (BOA)
- **Boeing** – Authorized supplier
- **Lockheed Martin (Sikorsky)** – Authorized Supplier
- **Gulfstream** – GI-IV, G550
- **Embraer** – ERJ 135/145
- **Leonardo Helicopters (USA)** – AW169 Phoenix Police Department, AW169 Duke Energy, and MH-139 Testing Program
- **Leonardo Aircraft (Italy)** – Teaming for C27J Spartan Mexico Contractor Logistics Services
- **Airbus (USA)** – Teaming for CASA 295 for Mexico Contractor Logistics Services
- **Meggitt Aerospace** – Repair support for large component repair and overhaul to include spare parts for C295/C27J/KA350

HANGAR FACILITIES



- 12,500 Sq/ft. Hangar at the Huntsville International Airport
- Capable of handling up to eight (8) UH-60s Blackhawk Helicopters
- Direct access to KHSV Runways, Ramp, and Taxiways



- Aircraft Maintenance and Modification - *Defueling, Cranes, and Level Docking*
- Aircraft Spare Parts Storage and Warehousing

MANUFACTURING/WAREHOUSE FACILITY



- 22,500 Sq/ft. High Bay Warehouse within minutes to International Airport
- Blank Slate for Kitting, Manufacturing, Warehousing
- FMS Costa Rica King Air Spares Package support – over 8,000 items sorted and prepared for USG acceptance – zero findings

- Current floor space allows for significant growth for customer requirements
- ESD and Quarantine areas set up specifically to meet the demands of highly sensitive equipment and material

CORE COMPETENCIES

MAINTENANCE FAA PART 145 REPAIR STATION: AXXR942D

Extensive Maintenance, Repair and Overhaul Services

Axxeum is a premier provider of Maintenance, Repair and Overhaul (MRO) services for fixed-wing and rotary-wing clients. We are strategically located on the cargo ramp at Huntsville International Airport with direct access to the ramp area and over 12,500 feet of runway. Axxeum provides a full range of MRO services including maintenance and repair of Part 27 and 29 Helicopters and Part 23 and 25 Fixed Wing, and US and Foreign Government Aircraft.

The following services are performed by FAA certified and factory-trained technicians:

Avionics Upgrades, Modifications, and Installs

- Authorized dealer for major avionics manufacturers
- Avionics upgrades, installations, retrofits, and repairs
- Avionics installations for systems such as TCAS, TAWS, FMS and Glass Panel
- IFR and VFR certifications, FAA 91.411 and 91.413 testing
- Autopilot Installation and certification
- Great relationship with the FSDO and ODA to help streamline new installations via 337's and STC's



HELICOPTER MODIFICATIONS



- Complete rebuild from aircraft shell, 3000-hour inspection complete, cockpit upgrade, and NVIS installation.
- Axxeum Maintenance Test Pilot provided post-modification airworthiness checks to validate aircraft readiness.
- FAA Compliant with DER sign off and DAR conformity inspection.
- Secured FAA Certificate of Airworthiness

BELL 212 MODIFICATION

- Contracted by MASPO to provide used Bell 212 to Uruguay with cockpit upgrades to include NVIS.
- Axxeum procures, disassembles, repairs, maintains and modifies a used Bell 212 aircraft to meet configuration requirements, completing all aircraft maintenance to OEM standards and U.S. Army airworthiness standards.
- Axxeum performs inspections and testing to ensure flight readiness prior to customer delivery.



LEONARDO HELICOPTER SUPPORT

Special Mission Equipment Certification and Integration

Axxeum excels in assisting major OEMs, like Leonardo Helicopters, in doing specialized missions sets including engineering, certification, integration and installation.

Scheduled and Unscheduled Maintenance

With an excellent support team and its proven results and pride in work, Axxeum sets the bar in Scheduled and Unscheduled Maintenance on all Leonardo aircraft. Axxeum has direct access to world class customer support, logistics, and engineering at LHD facilities all over the globe.

Upgrades, Modifications, and Installs

- Forward Looking Infrared systems
- LIDAR camera and detection systems
- Specialized Crew Workstations
- Avionics Integration



HELICOPTER MODIFICATIONS

BELL 412 MODIFICATION

- Returned Aircraft to service from transportation
- Completed all hourly and calendar inspections
- Modified GPS system for external usage
- Completed ADS-B STC and modification
- Installed SIMPLEX Fire Attack system with STC and FAA Compliance
- Painted Aircraft and completed FAA Weight and Balance
- Upgraded Twin Pac to PR6T-3DF from PT6T-3D



- Aircraft Prepared for Day/Night Firefighting support of Northern Alabama Emergency Management Agencies
- Search and Rescue with local Firefighters and Volunteer Rescue Squads
- Training support for IRW/ARW tactics POI secured
- Registered and Utilized for Screen Actors Guild

CONTRACTOR LOGISTICS SUPPORT (CLS) / SERVICES



- Full-service aviation maintenance provider
- Turnkey Contractor Logistics Support (CLS) providing maintenance operations for several aircraft platforms around the world
- Ability to support numerous OEM support operations with authorized Field Service Representatives (FSR)
- Establish back shop capability with tooling and equipment



CONTRACTOR LOGISTICS SUPPORT (CLS) / SERVICES

- Ability to provide support requirements for all systems, subsystems, mission equipment, and weapons operated in support of a major maintenance operation
- Robust logistics network allows for sourcing of qualified personnel around the world to meet strict customer requirements
- Relationships and with OEMs allows for procurement of spare parts and AOG items to facilitate fleet readiness requirements
- Past performance providing flight crew training and on-the-job maintenance training allows the Axxeum team to deliver effective training solutions



CORE COMPETENCIES

MANUFACTURING

We specialize in providing Electrical and Fiber Optic Wire Harness, Cable Assemblies, and Control Boxes to both the USG and Commercial Customers across the world.

Fully Certified and Trained Technicians

- JSTD 001 - Certified to space standards for wire and cable manufacturing
- IPC-610 and IPC-620 standards
- IPC-620 Trainer Certified
- Fiber Optic Installer (TR-CFI) Certified
- ISO 9001 and AS9100 Rev D Certified

Rapid Prototyping or First Article Development and Testing

- 100% success rate and on time delivery for all First Article and Prototype Development, Inspections and subsequent Lot Productions.

Customizable Space for Small Complex Custom builds or Large Production Style lots

- Schematic Analysis
- Wire/Cable Laser Marking and Custom Labeling
- Harness Troubleshooting, Repair or Modernization
- Large scale production runs



CORE COMPETENCIES

MANUFACTURING

Following AS9100D Standards, all production stages are inspected, certified and approved per OEM or USG manufacturing drawings.

Quality control

- Performs 100% inspection and in process verifications on all assemblies
- Production Traveler Development
- Verification to drawings and MIL standards
- AS9102 Trained and Certified

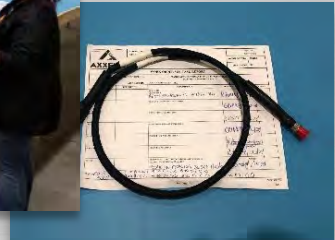
Vendor Relationships

- Maintains a large AVL and Vendor rapport enabling access to uncommon parts and electrical components
- Faster Delivery times with Approved Local Vendors

Multiple Types- Tailored to the Customer / End Users Needs

- Fiber Optic, Telecommunications, CAT5/6, Power Cables, NEMA Series, LMR, RG, Ribbon, Branched, Coaxial, twisted pairs etc..

State of the Art Technology and Tooling



CORE COMPETENCIES

LOGISTICS

Logistics is the catalyst to the world. As a company very familiar with moving parts, people, and equipment all over the world Axxeum's past performance allows for our sustained support of our customers and teammates on current and future projects. Logistics Core Competencies are as follows:



- Ground Shipment
- Air Shipment
- Maritime Shipment
- Hazardous Shipment
- US Department of State DDTC (ITAR/EAR) Shipments and coordination
- Warehouse Management
- Kitting
- Spoke and Hub support
- Distribution Center



CORE COMPETENCIES

ARMOR/ENGINEERING



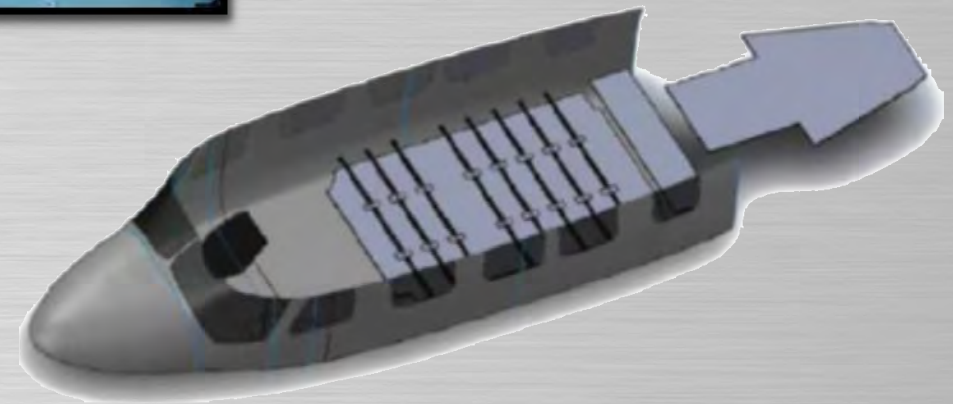
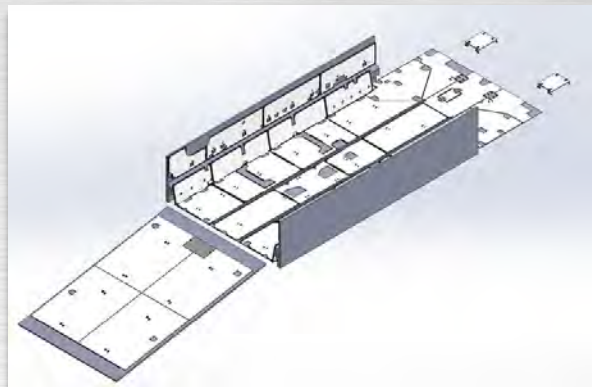
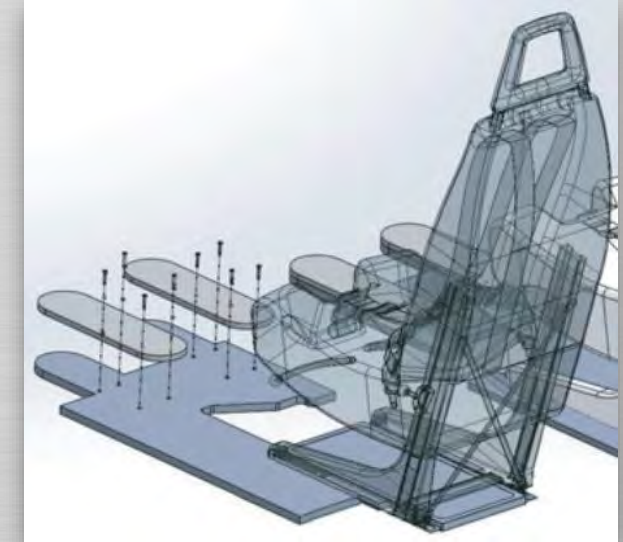
Complete aviation engineering solutions, including our Valtam Armor.

- Lightweight composite ballistic material
- Highly customizable for aircraft and vehicles

Supplemental Type Certificate (INW)

- Initial to Completion
- Works directly with FSDO or ODA
- Internal Test Pilot and DER

Extremely flexible and experienced engineers in all facets to find your solution.



CERTIFICATIONS

QUALITY, SAFETY, AND FAA CERTIFICATIONS

AXXEUM has many sought after Internationally recognized certifications.

- Quality Systems ISO9001:2015
- Quality Systems AS9110, Rev C
- Quality Systems AS9100, Rev D
- Quality Systems AS9120, Rev B

FAA Part 145 Repair Station

- AXXR942D
 - Airframe
 - Instrument
 - Powerplant
 - Radio

FAA Part 135 and 133 Operations

- AXMA499Q

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number AXXR942D

This certificate is issued to
AXXEUM, INC.
whose business address is
2852 WALL TRIANA HWY SW, BAY B
HUNTSVILLE, AL 35824

upon finding that its organization complies in all respects
with the requirements of the Federal Aviation Regulations
relating to the establishment of an Air Agency, and is
empowered to operate an approved REPAIR STATION

with the following ratings:
LIMITED AIRFRAME
LIMITED POWERPLANT
LIMITED INSTRUMENTS
LIMITED RADIO

This certificate, unless canceled, suspended, or revoked,
shall continue in effect INDEFINITELY

Date issued
JULY 8, 2021

By Direction of the Administrator
WILLIAM HOOGENHOUT
MANAGER, AFG-600-BHM-FSDO-09

This certificate is not transferable, and any major change in the basic facilities, or in the location thereof,
shall be immediately reported to the appropriate regional office of the Federal Aviation Administration.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 1 year, or both

FAA Form 8000-4 (1-17) SUPERSEDES FAA FORM 336. Electronic Form (PDF)



U.S. Department of Transportation
Federal Aviation Administration

Air Carrier Certificate

This certifies that
AXXEUM, INC.
2852 WALL TRIANA HWY SW, BAY B
Huntsville, Alabama 35824

has met the requirements of the Federal Aviation Act of 1958, as amended, and the rules, regulations, and standards prescribed thereunder for the issuance of this certificate and is hereby authorized to operate as an air carrier and conduct common carriage operations in accordance with said Act and the rules, regulations, and standards prescribed thereunder and the terms, conditions, and limitations contained in the approved operations specifications.

This certificate is not transferable and, unless canceled, suspended, or revoked, shall continue in effect indefinitely.

By Direction of the Administrator
William Hoogenhout
(Signature)

Certificate number AXMA499Q
Effective date August 25, 2021
Issued at 50019 Birmingham, Alabama

Office Manager
(Title)
AFG-600-BHM-FSDO-09
(Office)

FAA Form 8430-18 (04-18) Electronic Version (Adobe)



PARTNERSHIPS AND DEALERSHIPS

Axxeum is an Authorized Service Center for MDHI

- Reach back and partnerships with several Helicopter OEM's
- Commercial Avionics and Maintenance dealerships and partners include:
 - Genesys Aerosystems
 - FreeFlight Systems
 - Universal Avionics
 - L3 Harris
 - Rolls Royce
 - Pratt & Whitney
 - Becker Avionics



AFFILIATIONS

Axxeum's growth and support for customer requirements is our top priority. Through our commitments to local laws and labor compliance we have established companies to ensure local customer success. These companies are affiliated with Axxeum, Inc and are Axxeum Middle East and Axxess Aero.

Axxeum Middle East is based out of Dubai, UAE. The primary focus is on Middle East customers in the region.

Axxess Aero is based out of Al Ain, Abu Dhabi, UAE. In Partnership with AMMROC, Axxess Aero can support with Organizational, Intermediate, and Depot Work. In addition, Axxess Aero can leverage Axxeum's FAA Part 145 to complete STCs and/or upgrades of any aircraft type in the Middle East and Northern Africa.



Remote Operations Accomplishments Al Ain, UAE

Al Ain Success

- **Remote Operations**

- Long reach production control and mentorship. Coordinated aircraft extractions for UAE shipments; 1st PC operation to link three sites in Afghanistan with CONUS and UAE parties; Maintained mission availability 100% for a fleet of 48.

- **Flight Planning/Launch**

- Established independent hover and launch from the apron with ATC coordination; avoided the already taxed airport slot system and allowed for fast paced maintenance operations.



- **Maintenance Test Flight Area**

- Planned and coordinated the rotary wing test flight area within Al Ain airspace; allowed for up to 22 flights a day without combining systems.

- **GCC/Medical Aircraft Mishap Response**

- Developed and executed training w/ ground control and medical staff; DCMA requirement for contracts with flight programs; Emergency shutdown/Pilot Extraction; 1st ever

With Axxeum/Axxess-Aero guidance- UAE developed new capabilities which increased the value of the entire air space.

OLEG SIRBU

CEO

oleg.sirbu@axxeum.com

SAUL KIRSCH

Vice President

saul.kirsch@axxeum.com

Chris Cavitt

Director of Finance

chris.cavitt@axxeum.com

KEVIN FIFE

Director of Business Development

kevin.fife@axxeum.com

www.axxeum.com



CORPORATE OFFICE

MANUFACTURING

351 Electronics Blvd. SW, Suite A
Huntsville, AL 35824

HANGAR

2852 Wall Triana Hwy SW, Bay B
Huntsville, AL 35824