

MISSION SYSTEMS

With the growing demand for Intelligence, Surveillance, and Reconnaissance solutions that enable timely and informed decision-making, we integrate cutting-edge products and intelligent systems for military aircraft and ground systems. We offer the breadth and depth of engineering expertise required to understand system requirements for design, prototyping, production, and support, delivering the best solution for your mission critical program.

We're There.



dtb.com

MISSION SYSTEMS



MQ-4C Triton Unmanned Air System's forward operating base (FOB) built by DTB



F-5N DADC/ADS-B modification/installation



DTB's Mission Systems Division in Patuxent River, MD

DTB SOLUTIONS

Dayton T. Brown, Inc. (DTB) Mission Systems Division offers complete hardware, logistical, and programmatic solutions for ISR and aircraft modifications.

We deliver ingenuity and quality in design, prototype fabrication, assembly, test, integration, technical publications, and complete life cycle support. Aircraft upgrades are supported through innovative procurement solutions and integration with aircraft and ground systems.

DTB is a recognized leader in engineering, testing, technical publications, and logistical support. We have extensive experience with rotary, fixed-wing, unmanned aircraft, and military ground systems.

We're strategically located in Pax River, Maryland, with engineering, programmatic, and fabrication personnel located in our new 30,000 sq. ft. manufacturing and integration facility.

DTB is ISO9001 and AS9100 registered, DoD approved, and compliant with DCMA requirements.

Please direct inquiries to:

Tel: (240) 490-2499

Email: missionsystems@dtb.com

FEATURES & BENEFITS

- High level integration, including design, build, and test of transportable, reliable, proven Sensitive Compartmented Information Facilities (SCIFs) and Forward Operating Bases (FOBs).
- Rapidly develop and produce custom, innovative products and solutions with assurance security risks are mitigated by leveraging Corporate capabilities, TEMPEST, and EMI/EMC design and testing experience.
- Expertise with cable assemblies, metal fabrication, and precision machining keeps programs on time and within budget.
- Mature program management and engineering expertise in a variety of disciplines support scheduling and technical requirements.
- Design and product support of intelligence, surveillance, and reconnaissance ground systems and related airborne components.

DTB CAPABILITIES

Aircraft Modifications

With our wide breadth of experience and capabilities, DTB can provide solutions for low-rate production and installation of aircraft upgrades and modifications. DTB has extensive experience in the development, testing, and integration of avionics upgrades, antenna development, and other system modifications.

Examples of Past Projects

- F-5 Digital Air Data Computer (DADC) development and installation
- Wide Band SATCOM Antenna (WBSC2) development
- KC-130J ADS-B Lighting Control Box development, assembly, and test
- MQ-25A Operational Shore Ground Control Station design and development

Logistics Material Support

DTB provides value add logistics support through careful management of purchase requirements including research of alternatives, vendor qualification verification, purchasing, receipt inspection, and delivery to final user. In addition, we have a Government Approved Purchasing system.

MISSION SYSTEMS



MQ-25A Operational Shore Ground Control Station design and development



Manned and autonomous ISR platform secure ground stations



ISR aircraft system upgrades and support

MISSION SYSTEMS

Dayton T. Brown, Inc. contributes to your mission by leveraging more than 70 years of experience to offer comprehensive engineering services, testing, logistics, technical publications, and military mission systems support services. Through communication and teamwork, we are an extension of your engineering team with a thorough understanding of product life cycle needs and customer requirements. Our engineers and technicians tackle challenges and find solutions to tough problems, producing the results you need to stay on schedule.

visit dtb.com



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