PRODUCT LIFE CYCLE SUPPORT

TECHNICAL INFORMATION SERVICES

- Logistics Services
- Technical Authoring
- Program Management
- Illustration / 3D Interactive Models
- Parts Management / Provisioning
- Parts Catalogs
- Maintenance Planning
- IETM / IETP — Develop and Deploy
- Requirements Analysis
- CSDB
- Business Rules Development
- MBE - Model Based Enterprise
- On-Site Support Services
- Complete, Experienced Support

Technical and Subject-Matter Experts to Support Your Enterprise —
Specifying Authoring and Implementation

DTB has in-depth experience with aviation and aerospace information and logistics systems, and participates in developing standards in use today. Whether compliance is desired to meet existing or newly emerging standards, we are fully staffed to meet all requirements. DTB has provided support and produced content using military and commercial specification for decades throughout the world.

Logistics / LMI / Life Cycle Support

Product Life Cycle Support - Managing information through the product's useful life including improvement and maintainability.
Requirements Analysis - Through analysis of systemic and process needs and efficient development of solutions.
Maintenance Planning, Reliability and Maintainability - Predictive response plans, complete product life cycle support.
Technical Documentation - Expert authors, illustrators and logisticians assemble uniquely designed solutions to your requirements.
Environmental Simulation Testing
- Altitude
- Combined Environments
- Explosive Atmosphere
- Explosive Decompression
- Fluid Compatibility
- Fungus
- Humidity
- Icing / Freezing Rain
- Salt Fog
- Sand & Dust
- Solar Radiation
- Temperature Extremes
- Thermal Vacuum
- Wind & Rain Exposure

Optical Testing
- Diffuse Transmittance
- Distortion & Deviation Analysis
- Haze
- Illuminance
- Laser Power
- Luminous Intensity & Transmittance
- Luminance & Reflectance
- Neodymium Laser
- Prismatic Deviation
- Spectrophotometric Analysis
- Spherical & Cylindrical Power

Structural & Fatigue Testing
- Composite Material Testing
- Coupon Testing
- Damage Tolerance Analysis
- Fatigue / Fatigue Life Prediction
- Flight Test Support
- Hydraulic Pressure Testing
- Instrumentation & Data Acquisition
- Load Development
- Material Testing
- Servo-Controlled Load Application
- Static Testing
- Strain Gauge Services

Safety & Survival Testing
- Aircrew Equipment Validation
- Windblast Testing
- Life Support Systems
- Deployment Performance Evaluation
- Pneumatics
- Optics and Laser Eye Protection

EMI / EMC & Electrical Testing
- Electrical
- Electro-Static Discharge (ESD)
- Electromagnetic Pulse (EMP)
- Fixed Installations
- Lightning Strike Tests
- Magnetic Emissions & Immunity
- Power Quality
- Radiated & Conducted Emissions
- Radiated Susceptibilities
- Shielding Effectiveness

Test Stands & Test Systems
- Auto / Semi-Auto / Manual Systems
- Automated Calibration Test Systems
- Acquisition Systems
- Design, Engineering, Fabrication
- Electrical Test Systems
- Electromechanical Data Systems
- Fuel Test Stands
- Hydraulic / Pneumatic Systems
- Mechanical Test Systems
- Rotary / Non-Rotary Component
- Servo Components
- Special Instrumentation Developed