



We're there.

**S1000D**

Specifications Support and Consulting  
S1000D • MIL-SPEC • ATA100 • iSPEC 2200

**dtb.com**

# 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 —*



# S1000D

Specifications Support and Consulting  
S1000D • MIL-SPEC • ATA100 • iSPEC 2200

## ***Compliant 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** - Thorough 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.



dtb.com

General: (800) 232-6300 / (631) 589-6300 • Technical Publications: (866) 300-1701 • Engineering & Test: (800) 837-8456

Dayton T. Brown, Inc · 1175 Church Street · Bohemia, New York 11716 USA

# Logistics · Technical Authoring & Illustration · Conversion · Engineering · Testing

## S1000D Services

- Data Module Writing
- Data Module Requirements List (DMRL)
- Conversion into S1000D
- Business Rules Consulting
- CSDB Standup & Installation
- Training
- Illustration Creation & Hotspotting

## Technical Services

- 3D Interactive Models
- File / Data Conversion
- Graphics Conversions
- IETM / IETP Development
- Publishing Solutions
- Technical Authoring & Documentation
- Technical Illustration
- Training Programs
- MBE - Model Based Enterprise
- Standards & Specifications
- XML & SGML Compliance

## Dynamics & Vibration Testing

- Seismic Vibration
- Random, Sine, etc.
- Classic, Pyrotechnic, Hammer Shock
- Transport & Packaging Shock / Vibration
- Combined Environments Vibration
- Acceleration
- Acoustic Noise
- Inclination

## Arms, Armaments, Armor & Ammo

- Accelerated Life Testing
- Aircraft Interface Systems
- Ammunition Testing
- Ballistics & Ballistic Resistance
- Bomb Rack Qualification
- Bomb Rack Cartridge Testing
- Failure & Materials Analysis
- Mechanical & Electrical Armaments
- Missile Qualification
- Non-Destructive Testing
- Proof Testing
- Structural & "Up-Armor" Testing
- Weapons Development Testing
- 100-Meter Indoor Firing Range

## Logistics Services

- Consulting & Training
- Logistics Management / LMI
- Maintenance Planning
- Needs Analysis
- On-Site Support Services
- Parts Management
- Parts & Provisioning
- Product Life Cycle Support
- Program Management
- Reliability & Maintainability
- Standards & Specifications Support
- Web Based Solutions

## Engineering Services

- Alternate Source / Vendor Qualification
- CAD / CAE Capabilities
- CMM Inspection
- DDAM
- Dimensional Inspection
- Failure Analysis, Modes & Effects
- Hardware Standardization Programs
- Kinematic Studies
- Metallurgical, Corrosion
- Non-Destructive Testing
- Procurement Package Development
- Product Improvement & Validation
- Quality Audits & Site Surveys
- Rapid Prototype Design & Fabrication
- Reliability / Maintainability Modeling
- Reverse & Re-Engineering
- Stress Analysis
- Structural Analysis
- Test Facilities Developed
- Test Plan/Procedure Development
- Thermal Modeling

## Life Cycle Testing

- Accelerated Life Testing
- Life Cycle / Environmental Exposure

## 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
- Spectrophometric 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



General: (800) 232-6300 / (631) 589-6300 • Technical Publications: (866) 300-1701 • Engineering & Test: (800) 837-8456

Dayton T. Brown, Inc. · 1175 Church Street · Bohemia, New York 11716 USA