

# BALLISTICS

• TESTING •



## FACILITIES FOR

Indoor Shooting Range Services  
Law Enforcement & Tactical Training

## TESTING · ANALYSIS · REPORTING

Ammunition · Armor  
Armored Vehicles · Weapons Testing

We're There.



[dtb.com](http://dtb.com)

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*Fully featured 100M indoor shooting range, 24 Ft wide to accommodate most requirements*



## **IMPORTANT NOTE:**

### **DTB Provides Essential Support Services**

Safeguarding, accountability, security, and safety systems for small arms and ballistic test programs that are approved by the DoD and compliant with:

DoD manual 5100.76

DoD manual 4145.25

DoD manual 5220.22m

FAR Part 45 – Government Property

Federal, state, and local licensing requirements

## **Experience and What We Do**

Established in 1950, DTB offers the country's largest independent testing laboratory equipped to deliver a full spectrum of testing capabilities.

We have been providing the DoD, federal, state, and local law enforcement along with private firearm and ammunition manufacturers with over 70 years of unparalleled professional expertise in engineering and ballistics testing.

We partner with these communities to help solve some of their toughest challenges in the science of ballistics.

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## **DTB Advantages**

- One location for all engineering & testing
- 100M Indoor Firing Range rated up to .50 Cal for combined environmental and ballistics testing
- Environmental, Optics, EMI/EMC laboratories
- Metallurgical, dimensional, failure analysis, engineering services
- In-house machine shop, fixture design, rapid prototyping
- Aggressive program management and schedule execution
- Flexibility with testing services available 24/7
- 300,000 sq. ft. testing facility with room to expand on 32 acres
- Fully accredited, secure facility to support proprietary & ITAR needs

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## **Ballistic Services**

- Indoor Shooting Range Services
  - Law Enforcement & Tactical Training
  - Law Enforcement Product Demos
- Ammunition Testing
- Small & Medium Caliber Weapons Testing
- Vehicle Armor Testing
- Vehicle Weapon Systems Testing
- Body Armor & Helmet Testing
- Weapons & Component Development
- Transparent & Structural Armor Testing
- Bunkered for Armor Testing
- Custom Configured Tests and Demonstrations

## Testing Standards

- **ATPD 2352** - Transparent Armor Testing
- **NIJ Standard-0108.01** - Ballistic Resistant Protective Materials
- **NIJ Standard-0101.06** - Ballistic Resistance of Body Armor
- **NIJ Standard-0112.03** - Autoloading Pistols for Police Officers
- **NIJ Standard-0307.01** - Handcuff Testing
- **MIL-G-1298A** - Guns, Machine; Caliber .50, Browning, M2, Heavy Barrel
- **MIL-STD-810** - Environmental Testing
- **MIL-STD-461** - EMI Interference Testing
- **MIL-DTL-1217D** - Cartridge, Caliber .30: Armor Piercing, M2
- **MIL-DTL-3066D** - Cartridges, Caliber .50: Armor Piercing Incendiary, M8; and Armor Piercing Incendiary Tracer, M20
- **MIL-P-3984** - Propellant for Small Arms Ammunition
- **FBI Protocol Testing** - Ammunition Testing in Ballistic Gelatin
- **STANAG** - Light Armored Vehicle Testing
- **UL 752** - Bullet Resisting Equipment
- **SAAMI Z299.1** - Pressure and Velocity of Rimfire Sporting Ammunition
- **SAAMI Z299.2** - Pressure and Velocity of Shotshell Ammunition for the Use of Commercial Manufacturers
- **SAAMI Z299.3** - Pressure and Velocity of Centerfire Pistol and Revolver Ammunition for the Use of Commercial Manufacturers
- **SAAMI Z.299.4** - Pressure and Velocity of Centerfire Rifle Sporting Ammunition for the Use of Commercial Manufacturers
- **SAAMI Z.299.5** - Criteria for Evaluation of New Firearms Designs for Commercial Manufacturers
- **TOP-3-2-045** - Small Arms Hand and Shoulder Weapons and Machine Guns
- **TOP-4-2-016** - Ammunition, Small Arms

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## DTB Accreditations, Certifications, Approvals



A2LA ACCREDITED to ISO/IEC 17025  
ISO 9001:2015 and AS9100D REGISTERED  
NVLAP ACCREDITED to ISO/IEC 17025

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*Certification to standards for OEMs is an ongoing necessity and is most efficiently managed by a company with experience*



To discuss your project and get a schedule and price quotation, please direct inquiries to:

**Tel: (800) 837-8456**

**Email: [test@dtb.com](mailto:test@dtb.com)**

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Dayton T. Brown, Inc. contributes to your mission by leveraging more than 70 years of experience by offering 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.

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