

# DYNAMIC TEAR (DT) TESTING: ASTM E604

Solutions for Your  
**[ MISSION CRITICAL ]**  
Materials Testing



## TESTING CAPABILITIES

### Frame Capacity:

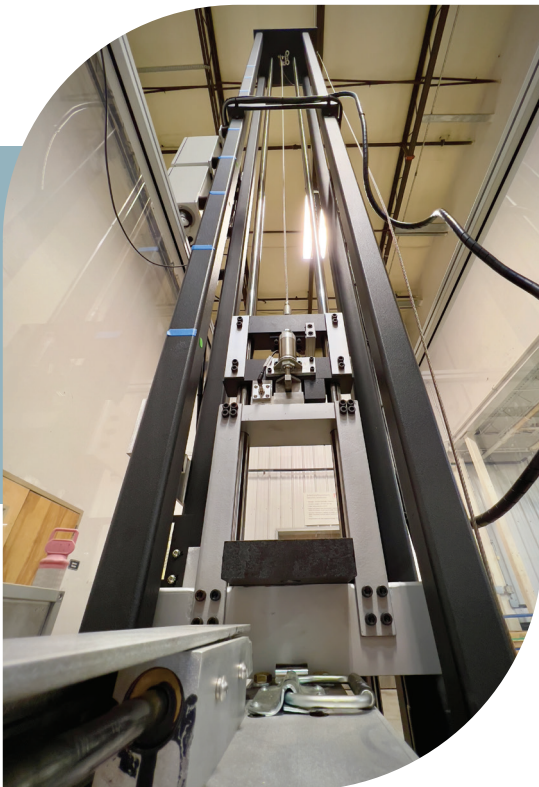
- 4,000 ft-lb. Drop Tower
- Maximum Height up to 11 Feet
- Adjustable Falling Mass
- Precise Centering
- Temperatures: Lab Air and Sub-Ambient to (-320°F)

## MARKETS

- ✈ Aerospace
- 🚗 Transportation
- ⚡ Energy & Power Generation
- 🛡 Defense & Military
- 🛢 Oil & Gas
- 🔧 Materials Research & Development

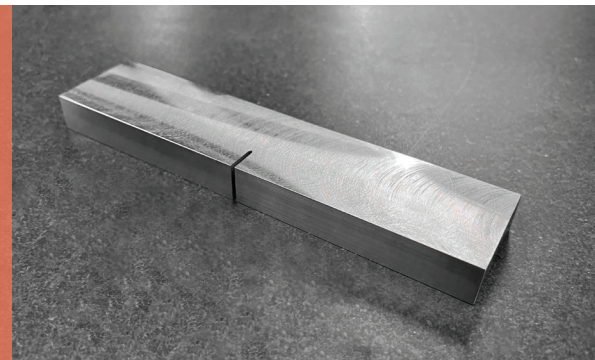
## TESTING STANDARD

- **ASTM Specification:** ASTM E604  
Standard Test Method for Dynamic  
Tear Testing of Metallic Materials



**Left:**  
Dynamic Tear Drop  
Tower (11 ft., 4,000 ft-lb. )

**Right:**  
Dynamic Tear Specimen



Celebrating  
**40** Years  
1984 - 2024

**LABORATORY  
TESTING INC.**

# LTI SERVICES



**MECHANICAL TESTING**



**NON-DESTRUCTIVE TESTING**



**CHEMICAL ANALYSIS**



**POWDER CHARACTERIZATION**



**METALLURGICAL TESTING**



**SPECIMEN MACHINING**



**CORROSION TESTING**



**METROLOGY**



**DIMENSIONAL INSPECTION / CMM**



**QUALITY  
& COMPLIANCE**



**NIST**  
SP 800-171  
Compliant

**ISO/IEC 17025**  
CERTIFIED



ISO 9001 and ISO 13485 compliant  
GE Aviation S-400 approved lab  
Pratt & Whitney approved lab

*Scan to learn more!*



2331 Topaz Drive | Hatfield, PA 19440  
215.997.9080 **Phone** | 800.219.9095 **Toll Free**  
sales@labtesting.com

— [www.labtesting.com](http://www.labtesting.com) —

Celebrating  
**40** Years  
1984 - 2024



**LABORATORY  
TESTING INC.**