

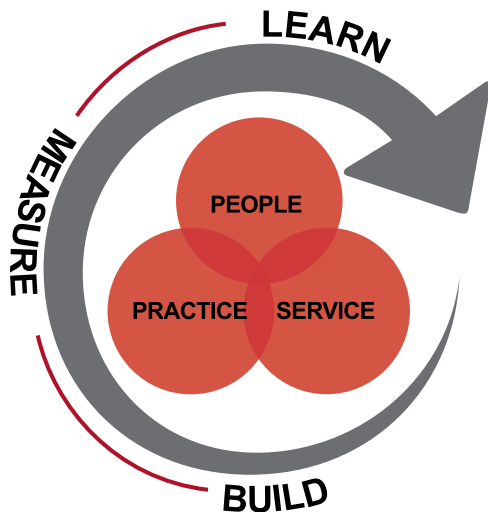
CORE COMPETENCIES

We are unlike our competitors because we leverage the power of the

Build – Measure – Learn

feedback loop to deliver new brake systems at a fraction of the cost while operating with flexibility as a lean start up in the defense industry.

- Fully integrated earned value and earned schedule monitoring and control
- Agile methodologies executed in a small business manufacturing firm
- Ability to scale from 100 units to over 50,000 a day through our affiliates
- 3D modeling, FEA, and advanced manufacturing capabilities



THE TEAM



A.J. Lewis, PMP, RMP, CEO

- Founder
- +12 Years Military Leadership
- +15 Years Corporate Leadership



Joe Fiore, Director of R&D

- +75 Patents
- International Business Development
- Product Commercialization across multiple industries



Jason Pinte, Lean Leader

- 12+ Years of Lean Experience
- 12+ Years of Production Supervision
- 12+ Years of Inventory Management

SPHERE BRAKE DEFENSE SUCCESS

Other Transaction for Prototype Agreement

- Stryker/FMTV for Rapid Capabilities & Critical Technologies Office in the USAR

SBIR Phase II

- ACV/MTVR for Marine Corps

Competition

- Army xTech Search Competition

CONTACT US

Mailing Address:

2012 East 33rd Street, Erie, PA 16510
USA

(814) 898-4321 x266

sales@spherebrakedefense.com

SPHERE BRAKE DEFENSE



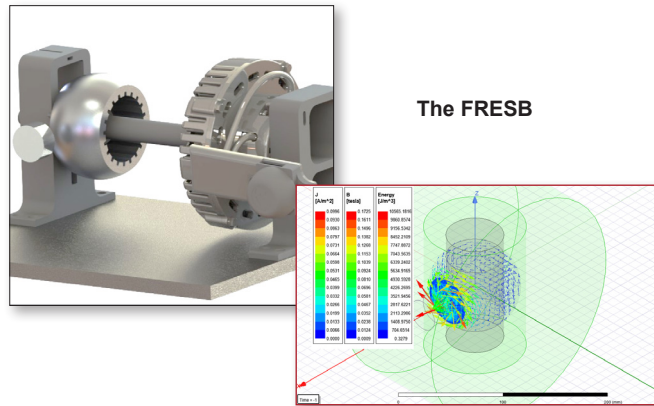
Sphere Brake Defense, LLC is a veteran owned small business. SBD will deliver game changing brake technology designed for ground and air tactical vehicles. This will enable units and Warfighters improved vehicle safety, fuel efficiency, weight savings, and unprecedented unit readiness across the Department of Defense. We operate with the same speed and agility as the Warfighters we serve!

Tactical Sphere Brake Technology

Numerous Marine Corps. heavy tactical vehicles are having technical issues related to mobility, fuel economy and safety; specifically, they're experiencing brake system problems due to corrosion and drum weight that's compounded by vehicle up-armororing in the field. Our bolt-on sphere brake, which requires no tools to change pads compresses hemispherical brake pads on a sphere brake surface, generating more power in a smaller package. Engineered to bolt on to existing drum and disc configurations, prototypes have been tested on a Class 8 Heavy Duty truck (Mack) and we're engaged with the US Army (Stryker and FMTV vehicles) and US Marine Corps (ACV). Sphere Brake Defense specializes in developing advanced wheel-end technologies and seeks to integrate this technology into government and prime tactical ground vehicles to increase safety while reducing lifecycle costs across programs of record.



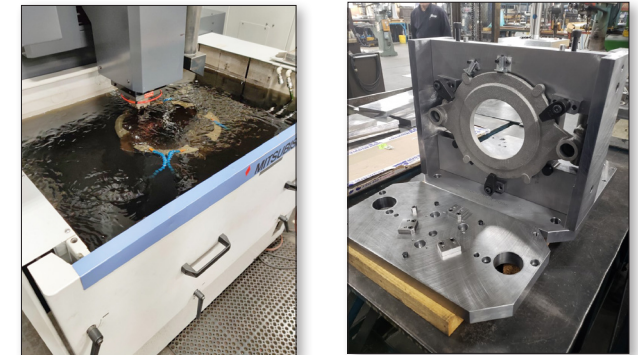
Patent Pending Frictionless Regenerative Eddy Sphere Brake (FRESB™)



World's First Hydraulic Sphere Brake On The Land - District



Prototype and High Volume Manufacturing Capabilities



In House Testing and Vehicle Testing

