



AIR FORCE RESEARCH YIELDS HAND-HELD CUTTING TORCH FOR SPECIAL OPERATIONS FORCES



Special operations forces operating in war-zone environments are not welcomed with open arms as adversaries typically deploy a variety of obstacles to keep them at bay. That led special ops personnel to request a compact, lightweight, hand-held tool that would allow them to cut through locks, bars and other barriers.

Round Rock, Texas-based Energetic Materials & Products Inc., also known as EMPI, developed a product to meet that need.

The Air Force SBIR/STTR program is providing transition funding that will give special operations forces personnel, law enforcement and first responders a small, hand-held thermal erosive cutting torch, an option to current systems which require large oxygen tanks, hoses and separate ignition systems. The program also leverages more than \$1 million in non-SBIR funds, which will help ensure the new technology successfully transitions into military and private sectors.

- Reduction of logistical burden
- Compact, light-weight, hand-held technology
- Potential for military and commercial/private sector sales



Energetic Materials and Products, Inc.

Round Rock, Texas

For full story click here:

http://www.wpafb.af.mil/Portals/60/documents/afri/sbir/SS_Tec_Torch_20150514.pdf

For video click here:

https://www.youtube.com/watch?v=b9RLa_JGcqA

