



LIGHTWEIGHT LOW-COST DAMAGE TOLERANT THERMOPLASTIC DRIVE SHAFT

- Demonstrated successful ground testing on a helicopter
- Weight savings over aluminum exceeds 33%
- Technology maturity advanced to TRL 6+
- Demonstrated damage and ballistic tolerance
- Sustain damage and support flight loads
- Demonstrated thermal (high and low) performance
- Out of autoclave net shape processing
 - » Tape Placement
 - » Demonstrated technology feasibility
- Illustrated design customization (tailored properties)
 - » Exceeded torsion properties of Aluminum

