7 Composite: Testing, Thermoplastic & High Temp

Process Description

Capabilities

✓ One-stop-shop

Mechanical Properties	8 Frames, 5Kips to 600Kips, -250°F to +600°F
Conditioning	Impact, Hot/Wet, Fluid Immersion, Hot/Dry
Material Properties	TMA, DMA, DSC, Acid Digestion/Resin Burn-off, FTIR, Photomic, Instrumentation
NDI & Inspection	Ultrasonic NDT, NAS 410 Certified Techs, Romer CMM
Thermoplastic Composites	GF & CF w/ PEEK, PEKK, PEI, PPS Laminates
High-Temp	GF & CF Polyimide Laminates

Product Identification

- Aerospace composite test programs
- Laminate and multi-thickness thermoplastic composite panels
- Hot-side composite engine parts

Qualifications

- AS9100
- ISO 17025
- Nadcap AC7122 Composite Testing
- Boeing D6-83079 - Various
- Boeing BAC 5348

Differentiation

- 1 mile from of Boeing Everett, with strong ties to US Aerospace R&D groups
- 28 years testing experience
- Thermoplastic composite automation experience for parts <1lb to save weight & cost
- High-temp supply chain for US domestic engine makers for composite use in hot areas of jet engines

Highly skilled composite testing & manufacturing development