



7 Composite: Hand lay-up composite (Autoclave)



PROCESS DESCRIPTION

- Ply cutting →
- Prepreg lay-up →
- Autoclave curing →
- 5 axis Milling →
- Final assembly →

CAPABILITIES

- 1 ply cutting machine
- 1 4000 ft² prepreg lay-up clean room
- Autoclaves 8' x 30' (800f & 215psi); 6' x 15' (400F & 100psi), 3' x 1' (600F & 100psi)
- 1 routing & milling machine (12'x 7' x 3')
- Manual assembly - Shop Floor of 1000 ft²



PRODUCT IDENTIFICATION

- Composite parts and assemblies w/ sandwich panels and/or monolithic CFRP / GFRP

DIFFERENTIATION

- Highly skilled workforce from ties to testing business – extremely rigorous QA!
- Tied into LMI supply chain and materials purchasing agreements
- Parts for both LMI internal, and external customers
- Experienced with dozens of part and process qualifications.
- Involved with national-level QA planning with NADCAP
- Flexibility & reactivity in production (High volume , different production rates,...)

QUALIFICATIONS

- AS 9100 & ISO 17025
- NADCAP : AC7118 Composite Mfg., AC7130 Meas. & Insp.
- Boeing: BAC5578, BAC5317-3, D210-12062-2 &-4
- Sikorsky: SS8669, SS8888
- Gulfstream: GAMPS 2419



Strong connections to domestic US Aerospace OEMs