
SME – January 2009 Factory Tour

Society of Manufacturing Engineers

Chapter 051 – North Texas Chapter

Innovative New 3-Dimensional Composite Structure Assembly Process

Romeo Engineering Inc - Fort Worth, Texas

This month the north Texas chapter of the Society of Manufacturing Engineers will tour plant #2 of Romeo Engineering Inc. You will see an innovative assembly cell developed by Romeo Engineering Inc that is already being used to fabricate carbon fiber blades for helicopters. The process can be adapted for any large 3-dimensional composite structure that requires high quality aerodynamics and large-scale production, such as wind turbine blades or aircraft body panels. The process has many advantages over traditional manufacturing techniques including fast rate with few people, cost savings in expensive Invar tooling, ability to mix different composite weaves, full traceability using lasers to both project and read filament directions, and special ceramics developed by Romeo's PhD chemical engineers. Romeo Engineering Inc is a Fort Worth based manufacturer with multiple product divisions:

- * CNC Systems (High Pressure Waterjet/Ultrasonic Router/Plasma)
- * Energetics (Rocket Motors, Primers, etc)
- * Aerospace (Composite Assembly Cells & Tooling)
- * Full Factory Automation and Controls
- * Food Processing

Please U.S. Citizens Only. No photography.

Date: Thursday January 29, 2009

Location:

Romeo Engineering Inc
4217 Hahn Blvd.
Haltom City, Texas 76117 USA
Tel (817) 656-0048
www.romeoeng.com

Cost: Free!

Time: 6:30 pm

Please RSVP by Wednesday January 28:

Paul Oehler - SME Chapter 051 Chairman at factorybuilder@yahoo.com or call 817-656-0048
<http://www.chapters.sme.org/051/>

January Chapter Statistics:

- # of Members: 234
- # of Life Life Members: 40
- # Members with Lean Certification: 15.36%
- # of Members Without E-Mail: 61

Please volunteer to help us call our membership!
