



STAR4D Aerospace Certification

DAY 1 0800 – 1600

- Introduction
 - ✓ Written Pretest (50 questions)
- Classroom Instruction
 - ✓ Safety and FOD
 - ✓ Corrosion Theory
 - ✓ TO 1-1-8 Overview
 - ✓ Surface Preparation
 - ✓ Masking and Demasking
- Surface Preparation Lab
 - ✓ Cleaning of Substrate
 - ✓ Proper Sanding Techniques
 - ✓ Masking
- Classroom Instruction
 - ✓ Blast Media
 - ✓ Blast Equipment
 - ✓ Hand Cabinets
 - ✓ Blast Techniques and Surface Profile
 - ✓ Equipment Maintenance
- Blast Lab
 - ✓ Profile
 - ✓ Cleanliness Standards

DAY 2 0800 – 1600

- Classroom Instruction
 - ✓ Mil Specification Primers (23377) and Top Coats (85285)
 - ✓ Coating Defects
 - ✓ Liquid Spray Equipment (Gravity/ Pressure Feed/ Electrostatics)
 - ✓ Spray Equipment Setup (Air and Fluid settings)
 - ✓ Spray Technique and Application Efficiency
 - ✓ Proper Film Thickness (WFT / DFT)
 - ✓ Equipment Cleaning
- VirtualPaint 3D Lab
 - ✓ Core Skills – Proper Speed, Distance, Overlap
 - ✓ Proper Film Thickness and Efficiency
 - ✓ Skill Evaluation



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DAY 3
0800 – 1600

- In-Booth Training and Observation Lab
 - ✓ Proper Mixing and Viscosity
 - ✓ Application of MIL-Spec Epoxy Primer (23377)
 - Spray Equipment Setup
 - Proper Film Thickness – WFT and DFT
 - Proper Spray Technique
 - Equipment Cleaning
 - ✓ Application of Top Coat (85285)
 - Spray Equipment Setup
 - Proper Film Thickness – WFT and DFT
 - Proper Spray Technique
 - Equipment Cleaning
- VirtualPaint 3D
 - ✓ Advanced Techniques – Aerospace and Complex Parts
 - ✓ Proper Film Thickness and Efficiency
 - ✓ Skill Evaluation
- Final Evaluation
 - ✓ Written Posttest
 - ✓ Course Survey