

AIRCRAFT STRUCTURE, SURFACES, RIGGING AND SYSTEMS ASSEMBLERS PROGRESS FORM

INSTRUCTIONS:

Insert a checkmark in the pertinent column to identify the apprentice's progress. The employer completes the **On-the-Job Training** section and Miami Dade College (MDC) completes the **Related Technical Instruction** section. It is the responsibility of the apprentice to ensure the parties complete the progress form on a quarterly basis.

On-the-Job Training Description	Satisfied	Needs Improvement	Retrain
Demonstrates an understanding of safe and effective work practices			
Demonstrates knowledge of aircraft communication equipment			
Demonstrates effective communication skills			
Demonstrates analytical skills			
Describes human factors related to safe aircraft operation			
Demonstrates an understanding of the influence of technology on aviation history			
Describes and demonstrates an understanding of the principles of flight			
Demonstrates knowledge of mathematics for aviation			
Uses appropriate aviation publications on maintenance forms and records to FAA			
Demonstrates a basic knowledge of aircraft structures and terminology			
Demonstrates knowledge and understanding of safety practices in the aviation environment			
Demonstrates a basic knowledge of structural assembly metallic I composite			
Demonstrates proper techniques for aviation flight line practices and safety			
Demonstrates the use and maintenance of aviation tools			
Demonstrates appropriate understanding of basic aviation science			
Demonstrates appropriate understanding of basic aviation corrosion control			
Demonstrates a basic knowledge of sheet metal layout, marking, measurements and spacing (sheet metal layout, marking, measurements and spacing - NCATT Level 4C)			
Demonstrates abilities to apply the design process			
Prepares, analyzes and evaluates technical reports and data			
Selects, configures, calibrates, operates and evaluates precision test equipment			
Demonstrates a basic knowledge of shop practices			
Demonstrates a basic knowledge of sealants and epoxy			
Demonstrates knowledge and understanding of basic electricity and electronics			
Demonstrates the knowledge of quality control and the impact of products and systems			
Demonstrates a basic knowledge of wiring and fiber optics installation			
Demonstrates a basic knowledge of allowance/tolerance and tolerance buildups			
Quality Processes - NCATT Level A			

Demonstrates a basic knowledge of hydraulic and pneumatic tubing			
Demonstrates knowledge of physics and geometry for aviation			
Demonstrates a basic knowledge of aircraft composite materials			
Demonstrates an ability to complete a capstone project			
Total number of hours completed to date	Total:		
Total number of absences	Total:		

Related Technical Instruction Description	Satisfied
AMT 0044 Tools, Materials and Process I	
AMT 0045 Tools, Materials and Process II	
AMT 0046 Aircraft Materials, Hardware & Processes	
AMT 0047 Applying the Design Process	
AMT 0269 Aircraft Electrical Systems & Quality Control	
AMT 0219 Aircraft Hydraulics & Aviation Mathematics	
AMT 0509 Composites and Capstone Project	
AMT 0946 OJT - Commercial Jet	

Apprentice Name:

Signature:

Date:

Employer Representative:

Signature:

Date:

MDC Representative:

Signature:

Date: