



Position Description

Position Title:	Manufacturing Engineer Level 1
Department:	Manufacturing Engineer
Location:	San Antonio, TX
FLSA Status:	Exempt
Reports to:	Director of Production
Supervises:	None
Last Revision Date:	01/2013

Summary of Position

The role of the Manufacturing Engineer LVL 1 is to coordinate engineering, tooling, and equipment to sustain, evaluate and improve processes in the support of the manufacturing process of the SyberJet SJ30 business aircraft.

Education:

- B.S. in Manufacturing Engineering, Industrial Engineering or related field preferred; equivalent experience will be considered.

Skills and Abilities:

- 2 plus years of manufacturing engineering experience preferably in the Aerospace industry.
- Understanding in the use of MS Office applications. (Word, Excel, and PowerPoint)
- Experience with MRP and PLM software.
- Knowledge of Lean Manufacturing, Kan-Ban, 5S, and Six Sigma, desirable.
- Demonstrate professionalism and have excellent oral and written communication skills.

Essential Functions:

- Develop aircraft fabrication, assembly, and installation work instructions by evaluating engineering drawings, tool designs, process specifications, and equipment specifications.
- Evaluate and purchase tools and equipment for the support of manufacturing.
- Perform root cause corrective action for non conformance issues.
- Investigate technical build issues related to the manufacture of aircraft, and implement and sustain resolute processes.
- Provide liaison support for production floor via work instruction and MBOM modifications.
- Maintain aircraft build configuration between major components (Condition of Supply).
- Actively participate in Continuous Improvement and Six Sigma projects.
- Must be team oriented and able to work with other departments to resolve issues.
- Create and present presentations to upper management.



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Environment:

- Position may require exposure to hot and cold working conditions within an aircraft hanger, in addition to moderate to extreme noise conditions.

Physical Demands:

- Frequently lifts, carries, moves and positions objects weighing up to 25 pounds unassisted, when performing essential job functions.
- Typically, bends, stoops, crouches, ascends, and descends on a regular basis, when performing essential job functions.
- Constantly observes, assesses, inspects, communicates, detects, conveys, and exchanges information, when performing essential job functions.