The company is seeking a **Sr. Manufacturing Engineer t**o take on a critical role in supporting the Prismatic (Complex Milling) Manufacturing Group located in East Aurora NY. The primary responsibility will be supporting the development of new product/development manufacturing processes, as well as applying continuous improvement manufacturing technologies to existing or mature production programs. In this role, you’ll take ownership and drive results performing challenging and non‑routine manufacturing engineering applying standard engineering techniques, procedures, and “out of the box” thinking. In addition to accountability for the manufacturing processes in East Aurora, NY you will also help support our other aircraft facilities worldwide as required.

**Here is what you can expect….**

* Evaluate and develop new and emerging technologies in manufacturing engineering and production process development.
* Play a major role in coordinating Design for Manufacturing efforts amongst various development engineering groups for new and existing programs.
* Determine manufacturing procedures, operation sequencing, prepare tooling and gauge lists, create, and prove out N/C programs, writing of detailed operations sheets and work instructions to produce complex milled machined parts and sub-assemblies.
* Hands on approach in supporting continuous improvement efforts for existing production processes.
* Prepare, monitor, and update engineered or estimated time standards for set up and run hours, man to machine ratios and economic run quantities for each component’s processes throughout the entire parts routing.
* Provide detailed cost estimates for new business capture and process improvement efforts.
* Leadership in new manufacturing capital equipment evaluation, justification, purchasing and implementation.
* Daily interaction with a variety of disciplines, including other engineers, technicians, operations, and quality personnel, as well as external suppliers, to solve process related problems and mentor others.
* Work days are split between hands on shop interaction and office assignments. Many times, the Manufacturing engineers performs their own machine program proveouts side by side with shop personnel.
* Project leadership opportunities assigned by the Group Lead and/or Manufacturing Engineering Manager.
* Support of production automated manufacturing cells, driving process stability to achieve reduced attended labor and human factor variation. Assignment/Ownership of a dedicated manufacturing cell is likely.
* Some international and/or domestic travel as required (5% or approx. two weeks/year).

**What we are looking for…**

* Bachelor of Science Degree (Manufacturing, Mechanical, Industrial Eng or Tech).
	+ Additional seasoned experience in manufacturing engineering that would be equivalent to what is learned in a degreed program would be reviewed for an acceptable alternative to the B. S. Degree requirement.
* A minimum of 5 years Manufacturing Engineering with milled parts experience with increasing responsibility.
* A minimum equivalent of 5 years hands on machining experience.
* CAD/CAM CNC milled parts programming experience (Siemens NX preferred). Fluent in G&M Code programming.
* Strong cutting tool and workholding knowledge, selection, and design. Quick change and automation tooling/workholding experience a plus.
* Strong manufacturing process knowledge to create efficient CNC programs for complex milled parts.
* A progressive thinker and self-starter to help advance our current methodologies and technologies as we drive to automated manufacturing cells.
* Excellent communication and documentation skills to work effectively with a variety of people.
* The ability to provide guidance and direction to other manufacturing engineers.
* Experience developing automated and advanced manufacturing systems.
* A “Lean Mindset” and leadership skills to drive change towards a “Lean factory” and “Standardized Work”. (Lean belt certification a plus)
* The ability to manage and execute multiple projects simultaneously. Experience with MS Project is a plus.
* Strong computer skills proficiency. MS Word, Excel, Powerpoint.
* Proficiency in blueprint reading and GD&T
* 5-Axis Machining center programming experience required. 5-Axis Global Machining Platform consists of Okuma MU-4000V, MU-5000V, MU-8000V and Mazak I-600 machines. Experience with these machines is a plus.
* Experience in machining a wide variety of Aerospace materials (Aluminum, Titanium, Stainless Steels, etc) on complex milled parts.

The base pay range for this opportunity is $80,000. - $140,000. per year. The base salary range represents the low and high end of the salary range for this position in the given work location. Actual salaries will vary depending on factors including location, experience, and performance. The range(s) listed is just one component of total compensation package for employees. Other rewards may include annual bonuses, employee stock purchase plan, an open paid time off policy, competitive 401K plan with enhanced matching program, and many region-specific benefits.

**EOE/AA Minority/Sexual Orientation/Gender Identity/Female/Disability/Veteran**

**This position requires access to United States Export Controlled information.**

**SKILLS AND CERTIFICATIONS** [note: bold skills and certification are required]
CNC machining experience
CAD/CAM
G&M Code programming
Cutting Tool
5-Axis machining center programming
Complex Milled parts

Security Clearance Required: No

Visa Candidate Considered: No

Full-time

Benefits - Full

Relocation Assistance Available - Possible for ideal candidate

Commission Compensation - No

Bonus Eligible - No

Overtime Eligible - No

Interview Travel Reimbursed - Yes

**CANDIDATE DETAILS**

**5+ to 7 years experience**

Seniority Level - Mid-Senior

Management Experience Required - No

Minimum Education - Bachelor's Degree

Willingness to Travel - Occasionally

**SCREENING QUESTIONS**
Are you willing to relocate to Western New York?
Can you demonstrate that you are either a US citizen or a US lawful permanent resident?

**IDEAL CANDIDATE**

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**WHY WE'RE A GREAT COMPANY**

* **This company** is the world-wide leader of advanced flight controls and actuation for commercial and military aircraft. We are positioned on virtually every aircraft flying today, supplying highly reliable systems that are supportable and add significant value for our customers.
* Voted one of the top 25 best places to work by Glassdoor
* Comprehensive medical, dental, and vision benefits on day one
* Flexible planned vacation
* 401K, profit share, and employee stock purchase options
* Tuition reimbursement program
* Inclusive company culture