



1. **Job Title:** *Mechanical Designer/Drafter*

2. **Company Description:** Kaney Aerospace is a veteran owned business located at the Chicago/Rockford International Airport in Rockford, Illinois. Kaney Aerospace, a member company of the Kaney Group since 2005, specializes in engineering services and laboratory operations, test equipment design and manufacture, aircraft component repair and aircraft flight-line installation support. Kaney Aerospace was named the 25th fastest growing engineering company in the 2011 Inc. 5000 list in Inc. magazine. The Kaney Group includes Ardekin Precision, an AS9100 certified company specializing in low volume/high mix manufacturing and assembly for the aerospace community.

3. **Role Description/Summary:** This opportunity is for a Designer/Drafter in the Rockford, Illinois area. The Mechanical Designer / Drafter will apply machining, fabrication, and manufacturing knowledge to the design and drafting of aerospace engine accessories and components, typically solenoid valves, gear pump design, test fixturing or mechanical actuation in an aerospace environment.

4. **Major Responsibilities:**

- Create production level detailed design models and drawings.
- Revise existing production drawings and models in response to Engineering Change Notice's (ECN).
- Create and modify development project drawings and models from sketches, markups and concepts provided by engineers and designers.
- Provide design input / feedback as appropriate.
- Provide input for continuous process improvement
- Works under limited to no supervision as a drafter, performs drafting assignments and tasks for departments/internal customer groups.
- Works under direct supervision as a designer, performs design application assignments and tasks for departments/internal customer groups.

5. **Qualifications / Requirements:**

- Some vocational, college level courses, 2 year degree, technical certificate or applicable experience preferred.
- At least 1-year MCAD drafting experience, general machining, fabrication and manufacturing knowledge required.
- Experience in Pro-E preferred in a manufacturing/production environment.
- Ability to understand and apply fundamental Geometric Dimension & Tolerancing or International equivalent at an intermediate level. Must have experience in application, not just training.
- Must be able to create 3D models of simpler designs and create complex 2D drawings to acceptable drafting practices.
- Familiarity with manufacturing and assembly processes.



- May have the ability to create interactive illustrations for use in On-line manuals.
- Prefer experience in conceptual design, not just re-application of existing concepts.
- Good spatial relations and 3D visualization skills.
- Basic computer skills (Outlook, Word, Excel) including ERP systems.
- The ability to process multiple types of information and/or perform multiple tasks simultaneously.
- Basic organization and prioritization skills.
- The ability to interact cooperatively and collaboratively with others as a team.
- The ability to assist other drafters with tasks. Demonstrated ability on a day-to-day basis to effectively balance workload for a drafting group only.
- US citizen or permanent resident.

6. Operational Details: This is a first shift opportunity in Rockford, IL. Travel is not anticipated. Overtime may be required at times. Work will be performed in both an office environment as well as in a manufacturing environment (machining, assembly, and test). This position is primarily onsite at our customer. During this project, the customer may offer the candidate full-time employment as a direct employee. Alternatively, you will have the option of remaining in a direct position with Kaney Aerospace.

7. Benefits / Compensation: Kaney Aerospace offers a competitive benefits package that includes health coverage, company matched 401(K) retirement savings, and paid time-off for holidays, vacation and illness. Compensation is commensurate with qualifications and experience.

8. Kaney Aerospace contact information: Interested candidates should submit their resumes in MS Word, RTF or TXT format to: info@kaneyaerospace.com

9. Kaney Aerospace is an equal opportunity employer