**Aerospace CAD Design Engineer**

Astro Aero Pty Ltd

Urangan QLD 4655

Full-time

**The Company**

Astro Aero Pty Ltd is based in Hervey Bay, Queensland Australia. The company has been established to design, type certify and manufacture a new turboprop aircraft for the general aviation market. AA is seeking motivated and talented team players to join a growing team of engineers, draftspersons and technicians developing this innovative aircraft.

**The Position**

CAD Design Engineer - Aircraft Structures.

We are seeking experienced Aerospace CAD Designers to prepare detailed 3D CAD drawings for structural/mechanical/electrical components and assemblies from notes, datasheets, verbal instructions and sketches supplied by Design Engineers. The successful candidates will work with Design Engineers to develop detailed 3D designs of the aircraft parts using CATIA V5 software.

**The Candidate**

To be successful in this role, you are expected to be a highly organised self-starter with a demonstrable proficiency with CATIA V5 software and its application in the design of lightweight aerospace sheet metal structures, including light aircraft and aircraft systems. You should have experience in aircraft concept design and detail design for manufacture. Experience with GA aircraft development would be highly regarded. Candidates are expected to be creative, forward thinking, self-motivated, with the ability to work in a team of like-minded development engineers.

**Responsibilities of the Position**

The successful candidate will be responsible to:

* Perform aircraft CAD design activities under general direction of the CAD Design Team Lead.
* Perform CAD design definition, validation and compliance activities of aircraft systems, components, assemblies, installations, test fixtures or tooling.

**Required Skills and Experience**

The candidate must be able to demonstrate the following key attributes;

* Demonstrate a level of proficiency with CATIA V5 3D modelling skills including designing aerospace sheet metal structures, control surfaces, control systems, interiors, advanced surface design and metallic part modelling.
* Experience in creating a digital aircraft product structure
* Experience in the checking of design and clash detection using digital mock ups
* Implementation knowledge and administration of ENOVIA or equivalent is highly desired.
* Flexible, innovative and able to work to tight deadlines and in multicultural teams

**Physical Requirements and Work Environment**

* Mostly collaborative open office environments, occasional shop floor involvement
* Substantial amounts of computer work
* Regulated industry with strict adherence to procedures
* Typical 8 hour days plus lunch break, core (required) hours are 8AM to 4PM
* Occasional flexibility required by staying late or arriving early to meet scheduled business deadlines

**What you will get in return**

Astro Aero is an equal opportunity employer. This is an exciting opportunity to experience the rewarding work-life balance lifestyle when working in the beautiful Wide Bay region of SE Queensland. You will be offered a permanent full-time position. Residence Visa assistance or sponsorship will be considered for exceptional candidates.

**How to lodge an application**
If you are interested in this position, please e-mail your resume to us. Also include a cover letter on how your experience, abilities, knowledge and qualities satisfies the minimum requirements for this position, and prepare you to be the ideal candidate for this role.

Job Types: Full-time, Permanent, 2 positions available.

Salary: $100,000.00 – $120,000.00 per year

Schedule: Monday to Friday

Experience: Aerospace, 5 years (Required)

Work Remotely: No