**Aerodynamicist**

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**

Aerodynamicist / CFD specialist.

We are seeking an experienced aerodynamicist responsible for, but not limited to, developing the aerodynamic design and optimisation of the aircraft. The individual will manage the activities such as the aircraft performance, CFD analysis, flight loads, stability and control, and flutter and vibration. You will work closely with a team of other engineering specialities.

**The Candidate**

To be successful in this role, you will be a highly organized self-starter who is an experienced cross-disciplinary engineer with demonstrable track record in low speed, light aircraft aerodynamics including testing, computational fluid dynamics, propulsion integration, flight test support, and stability and control. The individual must have experience in the complete life cycle of FAR Part-23 aircraft development, from an initial concept through to aircraft build and certification along with an appreciation of the limitations the Type Certification and Design for Manufacture processes impose. The candidate must also be proficient at preparing project status reporting, developing technical presentations, and be prepared to provide technical leadership and mentorship to other members of the flight sciences team.

**Minimum Requirements**

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

* A degree level qualification in either Mechanical or Aeronautical Engineering, or a relevant discipline, is mandatory.
* Direct, long term, experience in computational fluid dynamics and associated engineering analysis tools.
* Demonstrate success leading a functional department in a GA aircraft development and Type Certification program.
* Demonstrate a working knowledge of the FAR Part-23 certification requirements.
* Demonstrate experience with traditional aircraft design and manufacture.
* Have a clear understanding of and experience in the design, development, test and certification of a FAR Part-23 or similar aircraft,
* A minimum of 5 year’s direct involvement in the design, development, test and certification of a FAR Part-23 or similar aircraft,
* Have the ability to accept constructive criticism/guidance and adapt accordingly.
* Strong multitasking and time management skills.
* Experience in authoring the show of compliance certification reports will be beneficial
* 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
* Must be able to obtain work rights to work in Australia

**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, 1 position available.

Salary: $150,000.00 – $175,000.00 per year

Schedule: Monday to Friday

Experience: Aerospace, 5 years (Required)

Work Remotely: No