

## Background

Following 2 years of intensive research, development and testing, Prismatic are ready to launch their new solar-electric UAV products – PHASA-35<sup>TM</sup> and LASA-5<sup>TM</sup> and are recruiting a number of engineers, scientist and technicians to lead the development, manufacturing and flight test activities, full details are at <http://prismaticltd.co.uk>

## Job Title – CAD Engineer

To be responsibility for the production of 3D CAD models and 2D drawings to support manufacturing and delivery of all Prismatic UAVs including PHASA-35<sup>TM</sup>, PHASE-8<sup>TM</sup>, LASA-5<sup>TM</sup>.

## Tasks and Accountabilities

### Outline Job Profile

- Production of detailed SolidWorks models and mechanical drawings of moulds, parts and assemblies (primarily using moulded light-weight CFC materials) based on design data and concepts.
- Generation of general assembly drawings allowing the practical integration of parts.
- Management of drawing data.
- Work on multiple concurrent projects supporting on-time delivery to agreed schedules.
- Pro-active interaction with lead designer and sub-system engineers to resolve issues.
- Production of models and drawings suitable for 3<sup>rd</sup> party manufacture and interaction with manufacturers to resolve issues.

### Reporting

- To subsystem managers
- To Project Managers for delivery.

### Qualifications / Experience / Interests / Mindset

#### Essential requirements

- Thorough and current knowledge of Solidworks CAD tools.
- An ability to effectively manage own time and deliver to schedule.
- Ability to work as part of a small, highly integrated and focussed team.
- Attention to detail and quality.

Qualifications or experience in some of the following areas could be beneficial.

- Experience in design of lightweight structures
- Experience in design using composite materials.
- Practical application/mindset.
- Interest in aviation.

## Principal Terms and Conditions

- Post – Employee or Contract.
- Salary - to be agreed.
- Leave - 25 days plus bank holidays.
- Security clearance - TBC, typically UK BC or SC.
- Working time 37.5 hrs per week.
- Location – Alton, Hampshire, UK.

## Selection Process

- Clarifications please contact [info@prismaticltd.co.uk](mailto:info@prismaticltd.co.uk)
- Applications by 30/9/18 to [info@prismaticltd.co.uk](mailto:info@prismaticltd.co.uk)
- Interview decisions within one week of submissions.
- Interviews in Alton ASAP.