

# TSC

THE SPACESHIP COMPANY

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**TSC, LLC has the following vacancy:**

## **Aircraft Fabrication and Assembly Production Planner**

This is an excellent, exciting opportunity for a motivated, experienced individual to establish and maintain the detailed production plans for TSC's SpaceShipTwo (SS2) and WhiteKnightTwo (WK2) fabrication and assembly operation. This person will work closely with the Head of Planning and Risk, Vehicle Production Manager and Supply Chain & Procurement Manager.

The position is located at the TSC Production Facilities at Mojave Air & Space Port in Mojave, California.

### **TASKS AND RESPONSIBILITIES**

As a key member of TSC's Production Operations business unit, the Production Planner will support the Vehicle Production Manager in the development of the detailed vehicle fabrication, assembly and test plans for the production SS2s and WK2s, as TSC transitions from managing a vehicle prototype development program to managing vehicle production.

Initial responsibilities include:

- Compiling a detailed schedule of activities, including pre-fabrication, fabrication, assembly, integration, test
- Assisting in the preparation of fabrication and assembly work packages for sub-contractors, in close liaison with TSC's Vehicle Production and Supply Chain & Procurement Managers.
- Developing a detailed production plan taking in to account the available facilities and resources, clearly broken down by work packages and detailing the proposed fabrication and assembly sequencing.
- Calculating and presenting the requirements in detail needed to deliver the production plan, covering labour, equipment and materials and then gaining plan acceptance from the relevant departmental managers.
- Assisting / supporting the Supply Chain & Procurement Manager in setting up and populating the MRP system.
- Reporting detailed progress monthly against all the elements of the production plan, using earned value analysis, highlighting trends and concerns, and proposing actions to mitigate these concerns.
- Revising the production plan when required due to design changes, labour or material shortages, or other interruptions by collaborating with management and other key stakeholders and then clearly and precisely reporting the impact of these changes to the production plan.
- Advising the production management team on the requirements for the recruitment and training of TSC's fabrication and production workforce.

### **QUALIFICATIONS AND EXPERIENCE**

- Proven hands-on experience in producing and maintaining production plans in an airframe fabrication, assembly and integration environment, with an understanding of composite structure fabrication techniques.
- Degree qualified (or equivalent experience) in Manufacturing or Aerospace Engineering.
- Experience with assisting in the set up of an aircraft production operation (low rate) is highly desirable.
- Working knowledge of configuration management practices and quality management processes.
- Experienced in Earned Value Analysis (EVA), both establishing and reporting.
- Computer literate in a range of applications including all Microsoft applications including MS Project and conversant with recognised MRP systems.
- Excellent interpersonal skills complemented by logical thinking and commercial acumen.
- Good team player, with an ability to work closely with all personnel including senior management, engineering and shop floor.
- Due to export control regulations this role is open to U.S. citizens only.

### **ABOUT TSC**

TSC is a new aerospace production company, founded by Sir Richard Branson's Virgin Group and Scaled Composites, which is building the world's first fleet of commercial spaceships and launch aircraft intended to make widespread space travel a reality. TSC's launch customer is Virgin Galactic, which is on track to become the world's first private "spaceline". To meet Virgin Galactic's requirements, TSC has contracted Scaled Composites to develop and build prototypes of WK2 and SS2, which TSC is now taking into full-scale production.

### **APPLICATIONS**

All candidates must submit a resume with a covering letter explaining why they are the best candidate for this position by no later than **5pm PST on Tuesday, 30 June 2009** to [thespaceshipcompany@virgin.com](mailto:thespaceshipcompany@virgin.com).