



<b>Department</b>	<b>Structures</b>
<b>Position</b>	<b>Rocket Design Engineer</b>
<b>Description</b>	Design of Rocket Structures
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>- Design of Aerospace metallic (different size range of machined components, sheet metal parts, metallic pressure vessels and tanks, etc.) and composites primary structures (sandwich, monolithic or filament winding elements, hand lay-up and RTM parts, etc.).</li> <li>- Design of Aerospace secondary structures as brackets or supports for rigid pipes, valves, avionics equipment, antennas, mechanism, electrical harness, etc.</li> <li>- Generation of Engineering documentation such as 3D models, Drawings, BOMs, and Eng. Change Notes for the complete definition of Detailed Parts, Assemblies and Installation.</li> <li>- Liaise with others Engineering departments (Stress, Propulsion, M&amp;P, Quality, etc.) and provide information to the Manufacturing area under request.</li> <li>- Responsible to accomplish with specifications and requirements during the development of the assigned tasks or product design along the entire lifecycle and across all phases from Prototype, Testing and Series production.</li> <li>- Participate in the periodic design reviews dealing with suppliers for the achievement of requirements, specifications, feasibility, lead time and prices.</li> <li>- Continuous research to optimize design solutions, identify and recommend opportunities to reduce costs and improve efficiency.</li> <li>- An occasional need to travel with the role will be required.</li> <li>- Complete the assigned tasks "on time, on quality, on cost".</li> </ul>
<b>Required Competences</b>	<ul style="list-style-type: none"> <li>- Aerospace or Mechanical Engineering Bachelor's degree and minimum 3 years of technical experience in Aerospace Industry as Structural Design Engineer or an equivalent combination of education and experience.</li> <li>- Competence in the design of Aerospace primary structure (metallic and composites parts) and secondary structure.</li> <li>- Knowledge in selection and application of design criteria and rules, Aerospace standards, materials, strengths, and other mechanical properties, according to the loading conditions, working environment, etc.</li> <li>- Familiar with reading Aerospace normative, papers and documentation.</li> <li>- High degree of CAD competence and PDM tools.</li> </ul>
<b>Desired Competences</b>	<ul style="list-style-type: none"> <li>- Familiar with the main manufacturing technologies and capabilities (machining, sheet metal forming, composite hand lay-up, RTM, filament winding, etc.), and most typical assembly's methods and processes (drilling operations, reaming, mechanical joints by means of fasteners, bolts, screws and other standards, metallic welding, bonding, sealing, finish painting, marking).</li> <li>- Knowledge of the most common corrosion prevention rules and surface protection.</li> <li>- Proven in the development of products from the original concept design according to Aerospace normative and rules, through to the delivery of detailed technical design packaging into final production.</li> <li>- Design focused to assembly line concerns, tooling and jigs.</li> <li>- Familiar with Aerospace standard parts and typical light materials, metallic and non-metallic.</li> <li>- Preferred software: Siemens NX and Teamcenter.</li> <li>- Self-motivated and able to work under pressure to meet deadlines, dealing with situations that are constrained by time and managing different tasks at once.</li> <li>- Able to work autonomously with little supervision.</li> <li>- Fluent Spanish and English.</li> </ul>

# New Open Position

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<b>Experience</b>	<ul style="list-style-type: none"><li>- 3+ years' experience minimum in design of Aerospace Structures.</li><li>- 3+ years' experience in parametric modelling software.</li><li>- Experience in Rockets design is desired.</li></ul>
<b>Starting date</b>	February 2019
<b>Vacancies</b>	+10
<b>Work place</b>	Elche (Spain). Occasional travels to Teruel and Huelva.
<b>Contract</b>	Permanent position. Full time (3 months trial)
<b>Salary</b>	27,300 €