

LUIS EDUARDO DA SILVA GARCIA

System Engineer | V&V Specialist

Enschede - NL, 14/05/2021

To whom it may concern,

I came across the Senior Aircraft Designer position at DAWN, Delft (NL), during my research for high tech companies in the aeronautic/aerospace industry in the Netherlands. I am interested in applying for it because this is a great opportunity for me to keep pushing myself into developing state-of-art systems in a multicultural company committed to redefine the space transportation.

I bring a proved experience in the development process of highly integrated aircraft systems from conceptual design to certification and entry into service phases. As an engineering consultant (Alten Technology) I had the chance to work in different projects and companies, such as Rolls Royce and AIRBUS. At AIRBUS, for instance, I was the responsible for defining the V&V (Validation and Verification) Plan for the A320, A330 and A350 families concerning Autonomous Distress Tracking System (ADTS) to comply with ICAO and EASA regulations. Additionally, I had the enriching opportunity to work at EMBRAER as a Brake Control System Engineer at the KC-390 program. Some of my roles consisted on the system development process, certification activities (ANAC regulations – Part 25 – and military) and entry into service demands. I have proficiency in requirements process management in the scope of ARP4754 (DOORS, V&V process, etc.). Moreover, I was the focal point for the SW and AEH development process, from plans to certification, for the KC-390 Brake Control Units (following DO-178 and DO-254 recommendations for certification processes). Additionally, I played a major role on the Brake System development and certification tests (RIG System Tests, Ground and Flight Tests) as the technical leader, managing test points, analyzing test results, interfacing with all affected areas and presenting the evolution to the high management and authority.

I have an analytical, organized, flexible and problem-solving profile. I strive for the best compromise between excellence and stakeholder needs. Moreover, my master degree is ongoing at ITA (Aeronautics Institute of Technology), in which it evaluates the brake system performance based in different recommended methodologies using simulations with bond-graph models.

This opportunity is an appealing match for my professional and personal interests. It would be a pleasure to be part of DAWN and help reshaping the aerospace history. I would welcome the chance to discuss in details this position and share with you how my previous experiences could help your company overcoming the challenges ahead. I can be reached by phone at +49 1734084274, e-mail (lesgarcia.garcia@gmail.com) or via Linkedin (<https://www.linkedin.com/in/luis-eduardo-garcia-4a512b28/>).

Yours sincerely,

Luis Eduardo da Silva Garcia