

**Biography: LOUREIRO, P. L. G.**

Mr. Loureiro is graduated in sandwich modality by the Sciences without Frontiers program of the Brazilian government, in Aerospace Engineering by the University of Vale do Paraíba - Brazil and by the Polytechnic University of Catalonia – Spain. In 2015, received the Professional Training Award by the Brazilian Regional Engineering Council of the State of São Paulo, received the Academic Merit of the University of Vale do Paraíba - Best student of the Aerospace Engineering Course and received the Institute of Engineering Award - Best Student of the Faculty of Engineering, Architecture and Urbanism of the University of Vale do Paraíba.

Currently working as an aeronautical engineer at LHColus Technology for more than four years with static/dynamic analysis and engineering tests for the development and qualification aeronautical products.

- Participations in the Embraer KC-390 Aircraft with the LHColus Technology team:
  - Participated in development and qualification of Troop Seats and Litter-TSL;
  - Participated in development and qualification of the Bunk Bed Seat (Crew Seat);
  - Participated in development and qualification of the Buffer Stop Assembly-BSA (Barrier system for cargo containment, Cargo Handling System - CHS);
  - Participated in Proof of Concept (PoC) of several electromechanical load release devices (Cargo Handling System - CHS);
- Other participations with the LHColus Technology team:
  - Participated in modifications of aircrafts, obtaining Supplementary Type Certificates (STC) issued by the Brazilian Civil Aviation Regulatory Agency (ANAC).