

CYIENT

Loads Team Leader

Job Information

Hiring Company[Cyient K.K.](#)**Job ID**

1490788

Industry

Automobile and Parts

Company Type

Large Company (more than 300 employees)

Job Type

Permanent Full-time

Location

Aichi Prefecture

Salary

Negotiable, based on experience

Refreshed

November 19th, 2024 02:00

General Requirements

Minimum Experience Level

Over 10 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Position: Loads Team Leader**Location:** Nagoya**Language:** Bilingual**Job Description:**

1. Bachelor's degree or higher in Mechanical Engineering/Aerospace/Aeronautical Engineering or related discipline.
2. Minimum of 10 years experience in Loads analysis for certified aerospace vehicles.
3. Demonstrated ability to lead a Loads team.
4. Experience working across all aspects of aircraft Loads analysis, across all phases of the aircraft life-cycle, from concept generation to certification and entry into service
5. Generated technical requirements for Loads discipline and taken responsibility for managing them throughout the life-cycle (capture, mature, validation and verification). Good understanding of aircraft development processes (e.g. ARP4754).
6. Worked across multiple disciplines and skilled at harmonising technical challenges across multiple teams. Excellent project management and inter- personal skills to manage internal and external stakeholders (including suppliers and regulators).

Proactive attitude to ensure the optimum outcome for the program.

7. Deep knowledge in one-of Part/CS 23/25/27/29 and experience in developing means of compliance for requirements relating to Loads.
8. Ability to question traditional assumptions in the application of regulations, guidance material, and engineering specifications.
9. Developed techniques from blank sheet to aid aircraft design, integration and testing.
10. If no existing experience with multi-copter design, then ability to quickly learn from team members about differences with conventional fixed/rotary wing aircraft.
11. Understanding of rotor blade aerodynamics and rotor dynamics, to a level that impacts Loads analysis.
12. Business level English and able to build positive relationships in a multilingual environment.

Desirable

1. Loads knowledge and experience for multicopters. If no practical experience then at least an understanding of theory and the challenges associated with certification (and major differences to conventional f/wing or r/wing).
 2. Experience with Interactions of Systems of Structures regulations and/or computing loads for aircraft with fly-by-wire control system
 3. Understanding of aerodynamics of multi-copters and impact on Loads requirements and analysis.
 4. Experienced with direct discussions with regulators and participation in standards groups for development of new technology.
 5. Adopted new technology in aerospace and developed novel aircraft configurations and/or negotiated alternative means of compliance with regulators.
 6. Comfortable with analysis tools such as MATLAB/Simulink, Python etc
 7. Knowledge of proposed eVTOL regulations and means of compliance.
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Company Description