



Intern, Aviation Environment (8801)

Narrative Description:

Reporting to the Assistant Director, Environment – Technology, the incumbent will conduct research and analyses on technologies for future aircraft and future propulsion energies. The results will contribute to the development of a long-term roadmap towards reaching the aviation industry's climate goals, and to establishing airline requirements for future aircraft technology. The incumbent will be part of a multidisciplinary team working on the technical, political and economic aspects of more sustainable aviation.

Responsibilities:

The role is expected to include, but not be limited to, the following aspects:

- Conduct research on environmentally friendly technologies for future aircraft, in particular on environmental benefits and technology readiness;
- Conduct research on new energies for future aircraft, such as electric propulsion and synthetic fuels (including non-biogenic), and on the related infrastructure needs;
- Study the impact of various environmentally friendly technologies on different aspects of airline operations (flight and ground operations, passenger acceptance, maintenance, etc.), in conjunction with other departments within the organization;
- Collect information on relevant ongoing research and technology programs;
- Prepare documentation and provide further support for ongoing projects.

Qualifications and Skills:

Recent University degree in aerospace, mechanical or electrical engineering or similar studies;

Good knowledge of aircraft design;

Understanding of the global air transport system highly desirable;

Strong analytical and problem solving skills;

Strong project management skills, highly organized and able to work under pressure;

Team player, able to work effectively in an international environment;

Excellent computer skills, proficiency in MS Office products;

Excellent written and spoken English, other major languages would be an asset.

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