



International Civil Aviation Organization

Junior Professional Officer

POSITION INFORMATION

Post Title:	Associate Environmental Officer (Assessment)	Duration:	
Bureau/Office:	ATB/ENV/ES	Supervisor:	C/ES
Duty Station:	Montreal	Date for entry on duty:	

THE ORGANIZATIONAL SETTING

This position is situated in Environment (ENV) within the ICAO Air Transport Bureau (ATB). ICAO's activities in the environment field aim to limit or reduce the impact of international aviation on noise, local air quality, and the global climate. ENV is responsible for the development of a range of standards, policies and guidance material and provides capacity building and assistance for the implementation of mitigation measures to achieve these objectives. Measures include aircraft technology, operational improvements, the development and deployment of sustainable alternative fuels for aviation, and the use of market-based measures. In addition, ENV maintains close relations with other UN policy-making bodies that have expressed an interest in environmental aspects of civil aviation.

The Associate Environmental Officer (Assessment) will support the Organization's work on a number of emerging aviation environmental issues, including aircraft recycling, aviation alternative fuels, and adaptation to climate change.

MAJOR DUTIES AND RESPONSIBILITIES

Under the supervision of the Deputy Director, Environment and the Chief, Environmental Standards, the officer will:

- Track initiatives related to the recycling of aircraft that have reached their end of useful life, prepare reports, and support the development of policies in this area;
- Monitor public information on worldwide sustainable alternative fuel initiatives for research, production processes, production announcements, development programmes, market studies, financing, user contracts and agreements, flight tests and demonstrations, and commercial flights. Use this information to maintain and improve the Global Framework for Aviation Alternative Fuels (GFAAF) as well as to compile statistics and support the work of ENV;
- Maintain estimate/forecast of alternative jet fuel availability based on announced loans, contracts, construction activities and on financing of initiatives for aviation alternative fuels;
- Track progress of the development of methodologies to account for the net emissions from the use of aviation fuels (for example, life-cycle analysis methodologies, carbon accounting methodologies, etc.) and participate in relevant international meetings in relation to these subjects, as well as on the financing of initiatives for aviation alternative fuels, and cooperate with the associated relevant institutions;
- Conduct literature reviews and prepare reports related to the ways in which climate change will affect international civil aviation;
- Support the development of guidance related to adaptation by international civil aviation to climate change;
- Follow discussions in the Intergovernmental Panel on Climate Change (IPCC) and in other fora related to aviation and the global climate, prepare reports on emerging topics where the level of scientific understanding is improving (e.g. non-CO₂ effects from aviation); and
- Perform other related duties

QUALIFICATIONS AND EXPERIENCE

Educational background

Essential requirements

- First level university degree in aviation, engineering, climate science, or a related field.

Professional experience and knowledge

Essential requirements

- At least three years of relevant experience in the field of civil aviation in a national government or with an international airline or civil organization;
- Experience in drafting and/or reviewing reports and in the development of papers and reports on programme activities;
- Strong analytical skills; and
- Ability to synthesize technical materials to support the needs of different audiences (e.g. policy makers, regulators, technical experts, and the general public).

Desirable requirements

- Past experience working directly in one of the specific subject areas: aircraft recycling, alternative fuels, or climate science;
- Knowledge of ICAO and its functions; and
- Knowledge of the Convention on International Civil Aviation, Assembly Resolutions and Decisions, Standards and Recommended Practices (SARPs), including related guidance material and documents.

Language skills

Essential requirements: Fluent reading, writing and speaking abilities in English.

Desirable requirements: A working knowledge of a second language of the Organization (Arabic, Chinese, French, Russian, or Spanish).

Competencies

Judgement/Decision-making: Exercise mature judgement and sound decision-making skills. Recognize key issues and analyse relevant information before making recommendations and decisions. Take ownership of all responsibilities and honour commitments.

Communication: Write clearly, concisely. Prepare detailed technical documentation and reports. Present articulate verbal reports.

Teamwork: Work collaboratively with colleagues to achieve organizational goals. Maintain harmonious working relations in a multinational environment.

Planning and organisation: Develop clear goals that are consistent with agreed strategies. Identify priorities and adjust as required.

Client orientation: Establish and maintain partnerships with external collaborators. Work successfully in a consensus-based system. Resolve and manage conflict effectively.

Technical awareness: Use personal computers and contemporary software. Keep abreast of available technology.