

ANS & Environmental Protection Oversight Inspector

Department: Air Navigation Directorate

Employment Type: Full-Time

About the Role

As the State Civil Aviation Regulator, we are seeking an Air Navigation Services (ANS) and Environmental Protection Oversight Inspector to strengthen our regulatory oversight of ANS provision and environmental protection in civil aviation. The role ensures compliance with ICAO Standards and Recommended Practices (SARPs), with particular emphasis on operational safety, efficiency, economic oversight, and environmental sustainability in aviation.

The ideal candidate will have experience in air navigation regulation, environmental management, and international aviation standards, ensuring that ANS providers and operators maintain compliance with ICAO Annexes, associated manuals, and national legislation. This position is critical to supporting safe, sustainable, and efficient growth of the air transport system.

Key Responsibilities

Air Navigation Services (ANS) Oversight

- Conduct inspections, audits, and performance assessments of ANS providers to ensure compliance with ICAO Annexes 2, 4, 5, 10, 11, 12, 15, 19, and related guidance material.
- Oversee compliance with ICAO Doc 10070 (Manual on Air Navigation Services Economics) and ICAO Doc 9082 (Policies on Charges for Airports and ANS), ensuring ANS charging policies are transparent, cost-related, and non-discriminatory.
- Evaluate ANS provider governance, cost recovery mechanisms, service delivery performance, and economic sustainability in line with international best practices.
- Verify the implementation of the Global Air Navigation Plan (GANP, Doc 9750) and associated Aviation System Block Upgrades (ASBUs), ensuring interoperability, efficiency, and alignment with national and regional air navigation plans.
- Monitor safety risk management systems in ANS provision, in accordance with Annex 19 (Safety Management) and ICAO's Safety Oversight Manual (Doc 9734).
- Oversee contingency planning for ANS disruptions and assess coordination with adjacent States and international partners.

Environmental Protection Oversight

- Enforce compliance with ICAO Annex 16 (Environmental Protection, Volumes I–IV), including standards for noise, aircraft engine emissions, carbon offsetting (CORSIA), and local air quality.
- Monitor implementation of ICAO's Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) and national obligations under ICAO environmental frameworks.

- Conduct oversight of airports and ANSPs to ensure compliance with environmental management systems, noise abatement procedures, emissions monitoring, and sustainable operational practices.
- Assess environmental impact studies (EIA) and ensure integration of aviation environmental protection measures into national environmental and climate change strategies.
- Support ICAO initiatives under the Global Aviation Environmental Protection Plan (Doc 9988) and contribute to State Action Plan updates for CO₂ reduction.

Policy, Compliance, and Coordination

- Develop and review national regulations and policies related to ANS oversight and aviation environmental protection, ensuring alignment with ICAO SARPs and guidance.
- Provide input into international and regional negotiations on air navigation charges, economic regulation, and environmental standards.
- Participate in ICAO regional planning groups, environmental protection task forces, and performance-based oversight activities.
- Report to senior management on State differences filed under Article 38 of the Chicago Convention and support ICAO USOAP/CMA and environmental audits.
- Deliver training and capacity-building sessions for national stakeholders on ANS oversight and environmental protection.

Essential Requirements

- Bachelor's degree in Aviation, Air Traffic Management, Engineering, Environmental Sciences, Economics, or a related field.
- Minimum 5 years' professional experience in air navigation services oversight, aviation environmental regulation, or ANSP operations.
- Demonstrated knowledge of:
 - ICAO Annexes 2, 4, 5, 10, 11, 12, 15, 16, 19
 - ICAO Doc 10070 (ANS Economics) and Doc 9082 (Airport/ANS Charges)
 - ICAO Doc 9750 (GANP) and ASBU framework
 - ICAO Doc 9988 (Global Aviation Environmental Protection Plan)
- Familiarity with oversight techniques, safety management, and regulatory auditing.
- Strong understanding of the relationship between ANS operations, economic oversight, and environmental protection.

Preferred Qualifications

- Master's degree in Aviation Management, Economics, Environmental Policy, or related discipline.
- ICAO or recognized certification in ANS oversight, safety management, or environmental protection.
- At least 7 years' experience in aviation regulation, ANS provision, or environmental oversight at a regulator, ANSP, or international organization.

- Experience in international air navigation cost recovery, economic regulation, or environmental reporting (e.g., CORSIA, State Action Plans).
- Track record of participation in ICAO panels, working groups, or regional planning groups.

Core Competencies

- **Regulatory Oversight & Technical Expertise:** Ability to apply ICAO SARPs, national legislation, and risk-based compliance techniques, with strong grasp of ANS systems and aviation environmental frameworks.
- **Analytical & Auditing Skills:** Proficient in assessing technical, economic, and environmental compliance, evaluating operational and environmental data to drive effective oversight.
- **Collaboration & Stakeholder Management:** Skilled at inter-agency coordination and engaging with ANSPs, airports, government authorities, and ICAO bodies.
- **Integrity & Ethical Standards:** Committed to transparency, independence, fairness, and ICAO principles in all regulatory activities.
- **Adaptability & Strategic Judgment:** Proactive in responding to evolving ICAO standards, emerging technologies, and balancing safety, efficiency, cost-effectiveness, and environmental sustainability.