



Environment and Noise Specialist

Position Detail			
Reports To	Environment Assessments Team Lead	Group	Network Performance and Analysis
Classification	ASA 7A	Location	Canberra, Brisbane, Melbourne
Reports – Direct Total	Nil		

Organisational Environment

Airservices is a government owned organisation providing safe, secure, efficient and environmentally responsible services to the aviation industry.

Each year we manage over four million aircraft movements carrying more than 90 million passengers, and provide air navigation services across 11 per cent of the world's airspace.

Airservices has two major operating centres in Melbourne and Brisbane and a corporate office in Canberra. We operate 29 air traffic control towers at international and regional airports, and provide aviation rescue fire fighting services at 26 Australian airports.

Primary Purpose of Position

As an Environment and Noise Specialist in the Network Performance and Analysis (NP&A) Team, you will ensure that Airservices complies with its environmental obligations under the *Air Services Act 1995*, and other relevant Commonwealth legislative requirements. You will manage systems and data required to ensure these obligations are met, by providing accurate and timely environmental assessments in relation to aircraft flightpath changes, noise modelling, noise monitoring, and aircraft noise certification services to the aviation industry.

The position will engage at a senior level within Airservices and with industry partners to provide detailed expert advice on quantitative modelling and interpretations of complex data, and promote initiatives to improve Airservices analysis capability and service delivery.

You will be adept at developing and maintaining effective working relationships and working as a team, enjoy innovating, learning new skills and adapting to a variety of challenges.

Accountabilities and Responsibilities

Technical

- Carry out environmental impact assessment of Airservices proposed changes to flightpaths, flight procedures, airspace and other air traffic management (ATM) practices – including noise modelling and data analysis.
- Assist in the effective and efficient management of Airservices Noise and Flight Path Monitoring System (NFPMS), following all documented processes to ensure the integrity of the system, the contract and all relevant supporting documentation including:
 - Oversight of the installation and relocation of long-term and short-term noise monitors,
 - Assisting in the management of Airservices external noise monitoring website

OFFICIAL

(WebTrak), to ensure it contains accurate and up to date information.

- Assist senior team members with Airservices obligations in relation to aircraft noise certification under the *Air Navigation (Aircraft Noise) Regulations 2018*, including handling communications with aircraft owners and other external stakeholders, maintaining databases, updating guidelines/websites, and preparing written correspondence.
- As requested by internal and external stakeholders, provide environmental and aircraft noise data, reports, impact assessments and aircraft noise certification data, in accordance with Airservices legislative obligations.

People

- Maintain positive and collaborative relationships with external stakeholders, including Federal government agencies, airports, airlines, aircraft owners and operators, consultants and contractors, and the general aviation industry.
- Maintain an effective working relationship with internal stakeholders to ensure that you are productive and effective in all activities in support of organisational objectives.
- Support the team with an emphasis on growth, learning and enabling others, by sharing your knowledge and using your skills, to assist in the development of junior team members.

Financial

- Provide support to ensure that all contracts related to Airservices NFPMS are managed in a financially responsible and timely manner, while maintaining positive and collaborative working relationships with internal and external stakeholders.

Compliance, Systems and Reporting

- Ensure compliance with all enterprise governance systems and policies, including Safety, Environmental, Work Health and Safety (WHS), Risk and Financial.

Safety

- Demonstrate safety behaviours consistent with enterprise strategies.
- Support the safe, efficient and environmentally responsible provision of air navigation services by keeping up to date with all issues, developments and technical matters impacting on the way you complete your duties.

Key Performance Indicators

Efficient, Effective and Accountable

- Ensure work is completed on schedule, and in accordance with relevant standards, procedures and guidelines.
- Work with other team members to continually improve processes.
- Challenges assumptions, demonstrates understanding and takes responsibility for actions and outcomes.

People

- Ensure all internal and external stakeholder engagement is carried out in a professional, courteous and collaborative manner.
- Pro-actively seek and undertake training and development opportunities to improve skills, qualifications and capabilities.

Safety

- Compliance with regulatory standards.
- Compliance with safety, risk, environmental and any other standards.

Key Relationships

- Environment Assessments Team Lead – to achieve team and organisational objectives, and support those with high workloads.
- Staff within Network Planning & Optimisation branch
- Staff within Aerospace Design (FPD)
- Community Engagement (CE) Head and CE Senior Advisors
- Noise Complaints and Information Services (NCIS) Investigators
- Government, Regulatory & International Engagement staff -
- Aircraft owners and operators – assistance with the aircraft noise certification process, and provision of advice and information as requested.
- Air Traffic Control staff - provision of advice and information as requested.
- External stakeholders such as Commonwealth Government agencies, airports and the general aviation industry

Skills and Competencies

Skills

- Demonstrated ability to undertake in-depth analysis of complex problems and data sets, formulate problem solving strategies.
- High level inter-personal, liaison, communication, and presentation skills (verbal and written) to varying levels of seniority for internal and external stakeholders.
- Experience managing workload & priorities, and delivering outcomes within agreed timeframes.
- Demonstrated ability to work autonomously across multiple tasks, while working collaboratively as part of a multi-disciplinary team.
- Ability to apply business acumen.

Qualifications

- Qualifications and 5 years' plus experience in relevant technical discipline (e.g. environmental science, engineering, acoustics, project management or aviation).

Technical Skills

- Skills in scripting and programming languages (one or more of the following languages are desirable: Python, Java, Matlab, C, or R).
- (Desirable) data visualisation experience (e.g. Tableau or Power BI).
- (Desirable) experience with aircraft noise modelling and simulation software

Industry Knowledge

- (Desirable) Knowledge and experience of the aviation industry

Performance Standards and Behaviours

As an employee of Airservices, you will consistently demonstrate performance standards and behaviours that meet Airservices Code of Conduct, as well as lead, coach and develop others in relation to the same.

This includes:

- Treating everyone with dignity, respect and courtesy.
- Acting with honesty and integrity.
- Acting ethically and with care and diligence.
- Complying with all Airservices' policies and procedures, and applicable Australian laws.
- Disclosing and taking reasonable steps to avoid any actual, potential or perceived conflict of interest.
- Behaving in a way that upholds our vision, mission and values, and promotes the good reputation of Airservices.