

Western Sydney and Canberra System Safety Manager

Position Detail			
Reports To	WS/CB Engineering Manager	Group	DCEO
Classification	MRP2	Contract Term	2 years fixed term
Budget Accountability	Nil	Location	Melbourne (other locations considered)
Delegations	Nil	Reports	2-4

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% 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.

Safety expertise is a profession of the future. Airservices Australia is an organisation with a long history of best practice in terms of safety. By working as part of the Airservices safety team you will learn from the best and work on exciting programs that are pushing the boundaries of aerospace, human/ machine interaction and the digitisation of the workplace.

Primary Purpose of Position

Your role as Western Sydney & Canberra (WS/CB) System Safety Manager will be to develop safety arguments, lead system safety engineering activities. The key deliverables include but not limited to: safety plans, risk registers, safety cases, safety reports.

Accountabilities and Responsibilities

Position-specific:

- Identify and lead system safety resources including internal and contractor resources across the program to ensure ongoing technical, operational and safety support to the safety program.
- Timely delivery of all engineering and technical safety related artefacts and activities.
- Provide safety engineering expertise and leadership to ensure that the changes to systems and process are compliant with Airservices SMS and ensure that safety risk associated with the changes are managed within Airservices risk tolerance levels.
- Support and lead the development and maintain key safety artefacts including Safety Plan, Safety Argument, Risk Registers and Safety Reporting including endorsing all project and program safety cases and reports and other documentation in accordance with Airservices SMS and the approved Safety Plan.
- Plan, coordinate and facilitate the conduct of safety engineering activities as defined in the safety program, including hazard identification, hazard analysis, risk assessment, technical, system and human factors workshops and Safety Plan Working Groups.
- Communicate and consult with stakeholders, accountable managers and the regulator in working to obtain risk acceptance, approvals and/or no objections.

People:

- Be part of a high-performance team with an emphasis on accountable performance.
- Contribute to a collaborative and inclusive culture with a cohesive team.
- Develop and maintain a highly effective working relationship within the team and other internal and external stakeholders to ensure open and transparent communication and resolution of safety and human factors related issues.
- Assist in the planning and building of organisational capacity of the portfolio through mentoring, education and guidance on the application of the Airservices Safety Management System.

Key Performance Indicators

Efficient, Effective and Accountable

- Quality of system safety engineering outputs measured through proficiency in achieving overall acceptance of outputs by accountable managers and our regulator following project/safety assurance review.
- Builds and maintains effective relationships at strategic and working levels
- Provides team with clear direction, motivates and empowers others
- Takes responsibility for actions, outcomes and people
- Achievement of objectives as agreed in personal Work Performance Agreement

People and Safety

- Effective and collaborative engagement with Airservices staff, Contractor(s) and Regulator(s).
- Complies with regulatory standards, safety, risk, environmental and any other standards.

Key Relationships

- Head of Transformation - WS/CB Portfolio
- WS/CB Strategic (Lead)
- DAS & WS AS&I Program Manager
- WS/CB Operational Safety Manager
- Safety, Security & Environmental Assessments Group operatives
- WSACo
- CASA

Skills and Competencies

- Essential: Tertiary qualification in engineering that is accredited / recognised by Engineers Australia in the Professional Engineer category or equivalent
- Desirable: Postgraduate qualifications and/or extensive demonstrated experience in Safety Engineering, Systems Engineering and/or RAM Engineering
- Desirable: CPEng, RPEQ/V
- Demonstrated experience in development of leading and authoring technical safety cases / safety argument
- Demonstrated experience in SFARIP and ALARP methodology applications and development
- Demonstrated experience applying system safety analysis techniques/methodologies.
- Authoring and leading Hazard Analysis and applying PHA, FHA, FTA, HAZOP, FMECA, RCM
- Extensive knowledge of system safety engineering principles and processes their influence on the timing of system safety engineering activities, and inputs/outputs that exist between the different disciplines that contribute to the systems engineering design process is essential.
- Desirable: Familiarity with Eurocontrol Safety Assessment Methodology.

- Demonstrated in depth understanding of systems engineering processes,
- Understanding of human factors application in evaluating change.
- Effective and concise written and verbal communication skills.
- Demonstrated ability to engage stakeholders, foster relationships, facilitate partnerships and cooperation at all levels.

Performance Standards and Behaviours

As a member of Airservices, you will consistently demonstrate performance standards and behaviours that meet Airservices Code of Conduct or similar. This includes:

- Treating everyone with dignity, respect and courtesy
- Acting with honesty and integrity
- Acting ethically and with care and diligence
- Complying with all organisational 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 of the organisation