



Position Description

Simulator Pilot

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Reports To:	Simulator Team Leader (Tower/Surveillance)	Direct Reports:	n/a
		Indirect Reports:	n/a
Location:	Christchurch	Date:	Sep 2024

Overview

Airways International Limited (AIL) is a unique global aviation product and service provider established by Airways New Zealand as an autonomous business to provide unique, innovative and effective solutions to air navigation service providers, airports and the wider aviation industry. The portfolio comprises software related products; aeronautical information management; procedure design; simulation services; infrastructure projects; air traffic and data series and training.

Purpose of the position

The purpose of the Simulation Pilot position is to simulate the role of a pilot in the training of ATC personnel and for airspace and procedures development. Ancillary tasks may include simulator exercise creation, software testing, graphics and technical support.

The position is responsible for:

- Providing realistic aircraft simulation to enable an effective training environment for ab initio and operational training.
- Providing realistic aircraft simulation to enable effective procedure design and testing.
- The accurate creation of exercises and scripts to meet the training objectives.
- The testing of exercises or procedures.
- Training of other pilots as required.

This role is subject to rosters which may include weekend work.

General

Your general duties include those outlined in this position description and may be reviewed and updated from time to time in consultation with you. You will also be required to undertake any other duties that are within your ability to perform, if asked to do so.



Key Areas of Accountability	
Sim Piloting	<ul style="list-style-type: none"> To set up and operate the Simulator Pilot position in a professional and competent manner, providing a realistic aircraft simulation to enable: <ul style="list-style-type: none"> o Effective training environment for ab initio and operational training. o Effective procedure design and testing. To carry out Sim Pilot duties as delegated by the Sim Team Leader.
Simulation Development	<ul style="list-style-type: none"> To assist with the accurate creation of exercises and scripts to meet the training objectives.
Customer Relationships	<ul style="list-style-type: none"> To develop and maintain excellent relationships with customers. To network between all customers and to ensure delivery of simulator services meet training compliance and/or customer expectations.
Quality Control	<ul style="list-style-type: none"> To assist in the testing of exercises, including timings, script accuracy and training objectives. To ensure that your workspace is always left in a neat and orderly fashion.
Learning and Development	<ul style="list-style-type: none"> To be able to accurately pilot any aircraft in any part of the country by gaining a comprehensive and robust knowledge of all New Zealand airspace procedures, including military procedures and airline specific procedures, and to maintain currency with any procedure changes. To learn and consistently demonstrate ICAO standard phraseologies for all phases of flight. To learn and consistently demonstrate a thorough understanding of aircraft performance criteria for all phases of flight and for all aircraft types operated in the simulator. To be able to quickly interpret the information on an aeronautical chart or plate. To monitor own performance and seek development opportunities to improve upon delivery. To assist with the training and development of other Simulator Pilots, including on the job training conducted in a classroom or the simulator.
Health & Safety	<ul style="list-style-type: none"> Responsible for proactively demonstrating Airways Safety value - it's at the heart of everything we do. Responsible for operating role in a safe manner and striving for continuous improvement in health & safety throughout the business. Responsible for ensuring Airways security is maintained at all times. Accountable for proactively raising health or safety issues in line with Airways safety management systems and participating in position related health & safety training.
Travel requirement	<ul style="list-style-type: none"> Work may be required in other locations within NZ and internationally to perform the duties of the role.
Budget	<ul style="list-style-type: none"> Responsible for managing a budget of \$ NIL.



Financial Delegation	<ul style="list-style-type: none"> Delegated financial authority for Capital Expenditure of \$ NIL. Delegated financial authority for Operational Expenditure of \$ NIL.
Contractual Delegation	<ul style="list-style-type: none"> Signing Authority to a limit of \$ NIL.
Legislative Owner	<ul style="list-style-type: none"> NIL.

Key Relationships/Customers:	
Internal	Nature of the Relationship
Head of Aviation Services	Key stakeholders
Simulation Team Leader (Surveillance or Tower)	Direct Manager
Simulation Team	Work collaboratively with and support colleagues
Training Staff	Colleagues and suppliers (Total Control)
Students	Engage and support to provide high quality service.
External	Nature of Relationship
Customers	Engage and support to provide high quality service.

Formal Qualifications/Training/Experience		
	Required	Desirable
Air Traffic Systems (ATS) or flying experience.		✓
Instrument Flight Rules (IFR) knowledge and/or experience.		✓
Experience with Microsoft Office Suite.	✓	
Basic computer experience.	✓	

Key Competencies/Skills/Knowledge		
	Required	Desirable
<p>Effective Simulation: Able to use previous experience to simulate real world scenarios and provide a realistic aviation training environment. Demonstrates understanding of airspace requirements, aircraft behaviour, navigational procedures and emergency actions. Has the ability to anticipate and understand the requirements of the air traffic situation. Able to manage with busy periods and to prioritise workload during these periods.</p>	✓	



<p>Situational Awareness/Problem Identification: Able to effectively interpret commands and instructions and consistently applies the appropriate response. Displays an awareness of the bigger picture during exercises and has the confidence to make timely decisions and initiate the correct action with the end goal in mind. Able to improvise if required in line with the scenario as a situation evolves.</p>	<p>✓</p>	
<p>Procedural Accuracy: High level of computer interaction skills which enables effective aircraft control. Checks data available and identifies errors against known procedures. Deals with errors and takes action to ensure they are not repeated. Identifies when the action of aircraft under own control are behaving inappropriately and takes corrective action.</p>	<p>✓</p>	
<p>Communication: Communicates openly and honestly, explaining reasons in a prompt and timely way that people understand and find relevant to their position; is clear and concise, seeking to be understood; anticipates needs of audience and adapts style and communication methods using face to face for difficult issues; listens and seeks to understand others points of view, understands body language; is relentless on what is important, demonstrating enthusiasm and conviction.</p>	<p>✓</p>	
<p>Quality Focused: Thoroughly checks own work against standards, designs or specifications; tests in detail all functionality before releasing systems; uses knowledge of the whole system to test all potential impacts and to verify final outcome; designs or uses tests which check changes made.</p>	<p>✓</p>	
<p>Customer & Partnership Focused: Builds long-term, strategic and sustainable relationships with customers/partners; understands the customer’s business and requirements; manages expectations and builds respect rather than seeking to be liked; measures performance against customer-based targets; delivers on promises to customers and personally commits to resolving customer issues; inspires a customer-centric approach across Airways.</p>	<p>✓</p>	
<p>Teamwork & Collaboration: Works in collaboration with other Simulator Pilots and the Simulator Leader to share tasks among the team as required, ensuring simulation exercises are delivered accurately.</p>	<p>✓</p>	
<p>Our Values: Demonstrates the AIL Values consistently and naturally, showing a personal commitment to value Safety, One Airways, Excellence and Success; consistently exhibits behaviours that inspire understanding of and commitment to these values.</p>	<p>✓</p>	

Our values underpin everything we do



**We are
safe**

Safety is at the forefront of everything we do. We are committed to the safety of our people, operations and the communities we serve.



**We strive for
excellence**

We deliver our best work each and every day, and look for ways to continue to improve what we do.



**We are
One Airways**

We all have our own areas of expertise and by working together, collaborating and sharing knowledge, we achieve our aspiration.



**We celebrate
success**

We recognise our people's achievements, big and small, and celebrate our successes.