

# What Goes Up...Must Come Down!

Ozzie Malcolm  
Air Traffic Controller

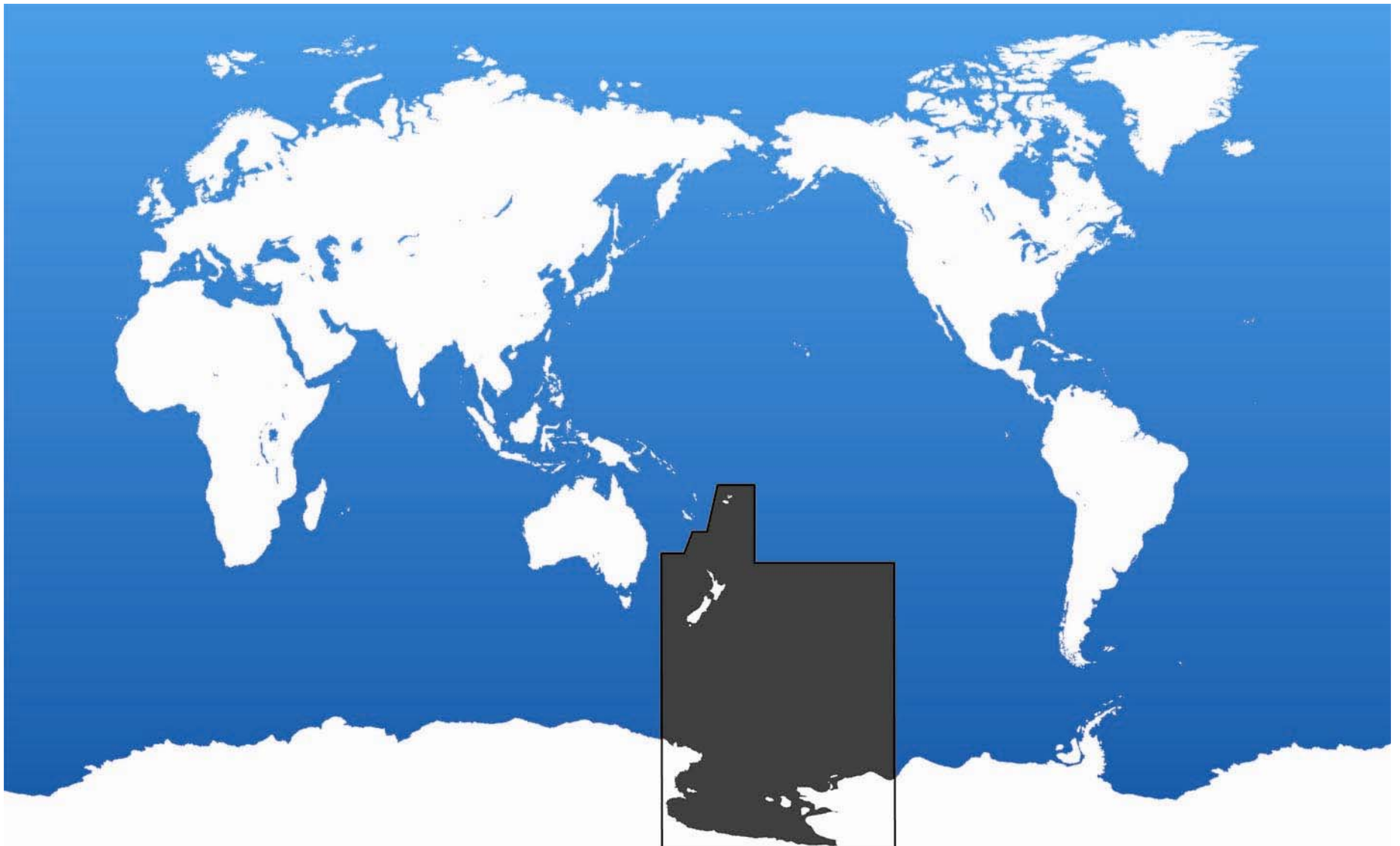
## Introducing Airways New Zealand

- We are New Zealand's air navigation service provider (ANSP).
- Our 750 staff manage New Zealand's 30 million sq km of airspace; providing air traffic control, surveillance, communication, flight inspection, mapping and airspace design services.
- Airways is a State-owned Enterprise (SOE), a fully-owned subsidiary of the NZ Government operating as a commercial business.
- We work with government, regulatory authorities, airlines, airports and the general aviation community to ensure pilots, passengers and goods reach their destination - safely.



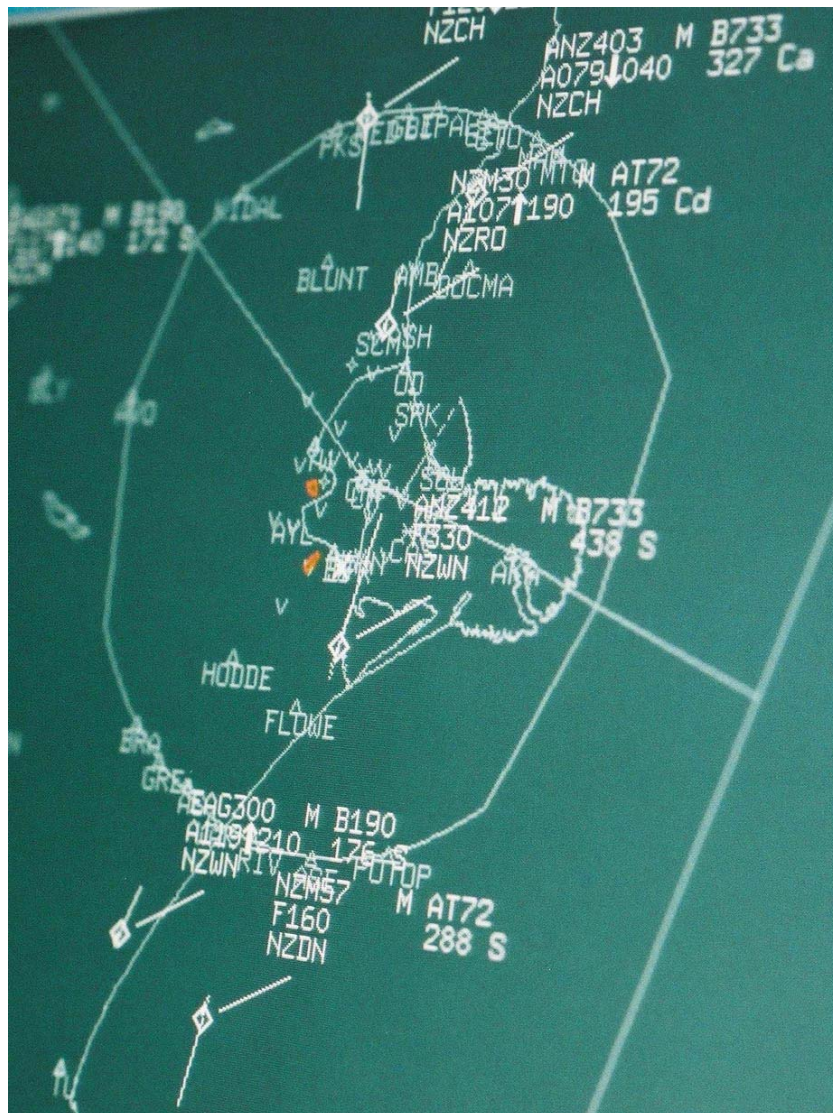
# NZ airspace

**AIRWAYS**  
NEW ZEALAND



AIRWAYS  
NEW ZEALAND



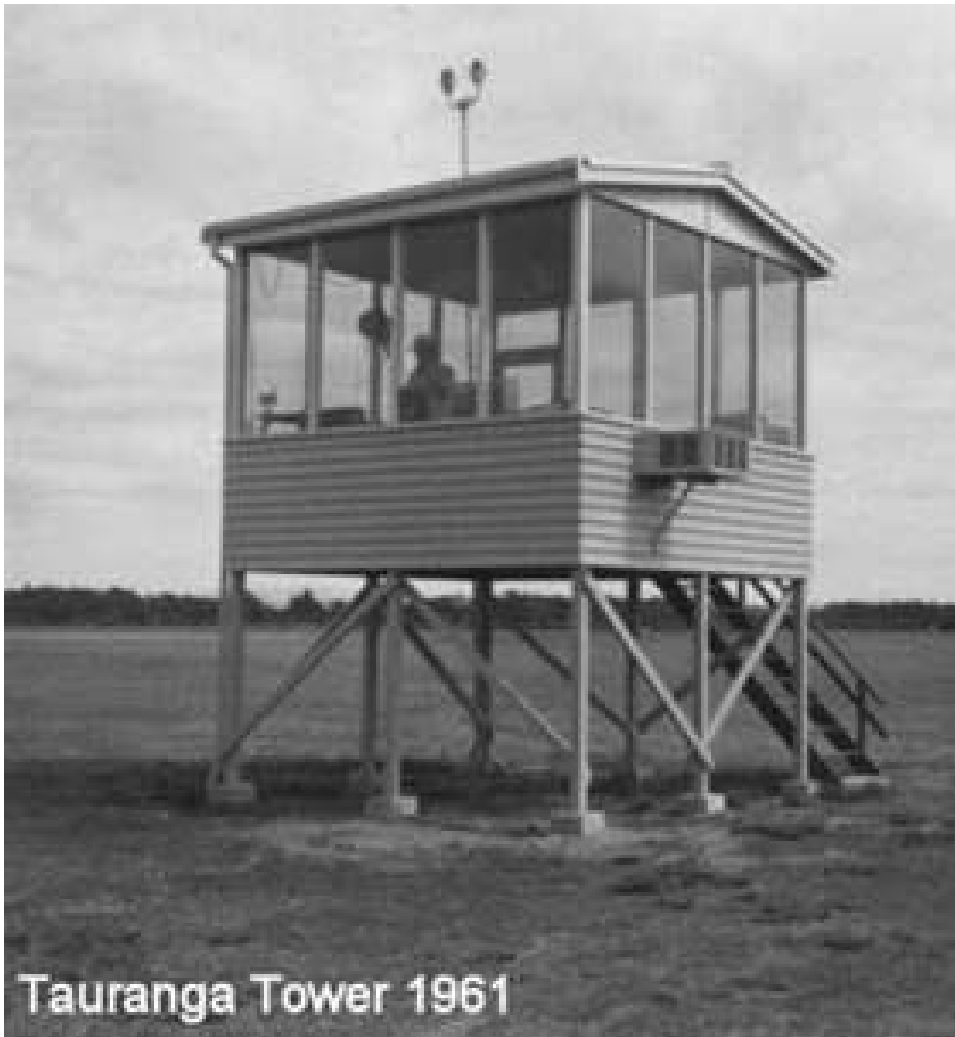


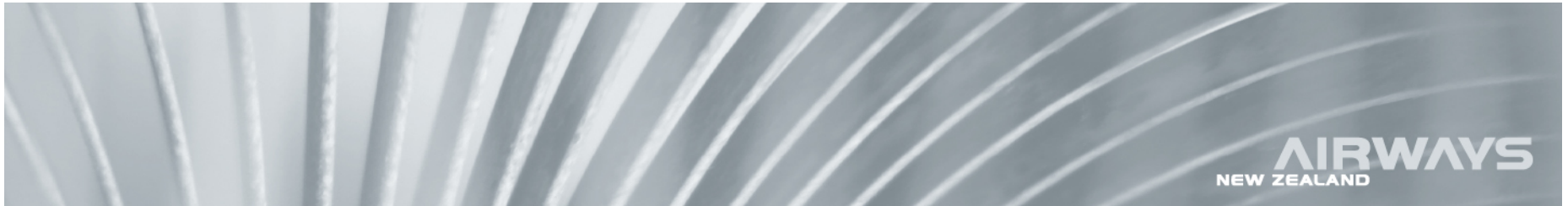
## Snapshot profile

- 1.1 million aircraft movements annually
- 2 Radar Control Centres (Auckland & Christchurch)
- 18 Control Towers (at 7 International airports; 9 Regional Airports & 3 Military Bases)
- We also provide international training and consultancy in South East Asia, the Pacific, Australia, the US and Middle East

We've come a long way, ...

**AIRWAYS**  
NEW ZEALAND

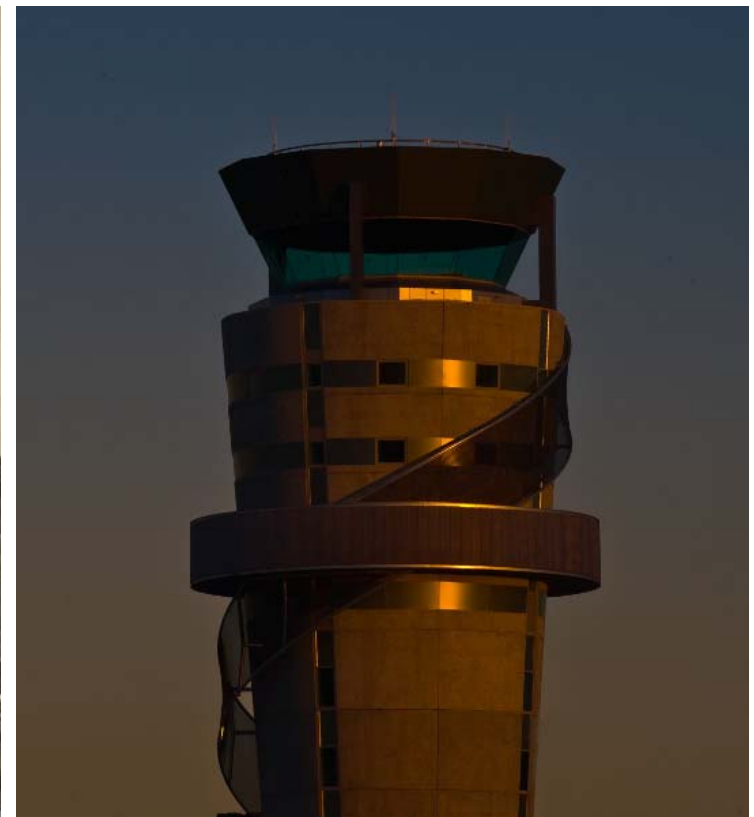


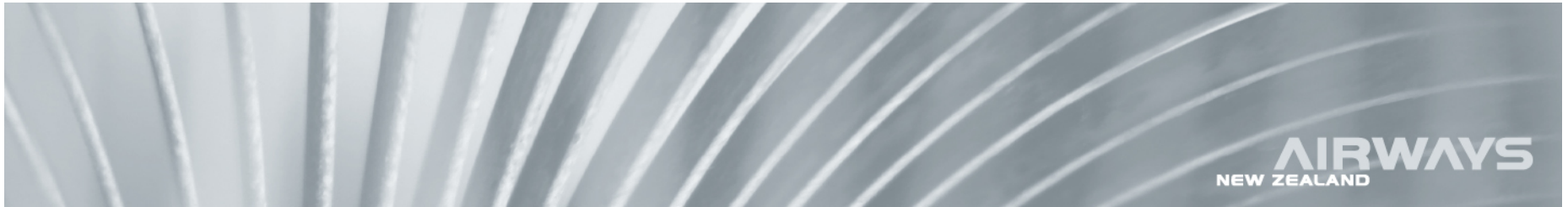


The two towers: Christchurch circa 1966...



Our new tower opened September 2009





Training: it used to involve planes tied to coat hangers!

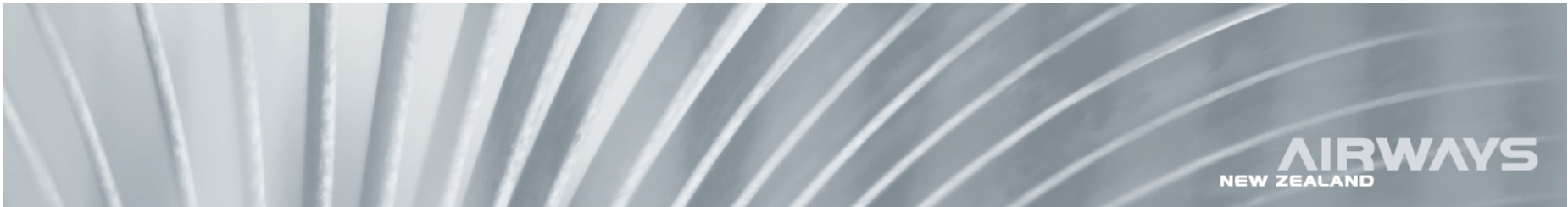


**And the biggest change...**

**AIRWAYS**  
NEW ZEALAND

Smoking isn't 'cool' anymore...





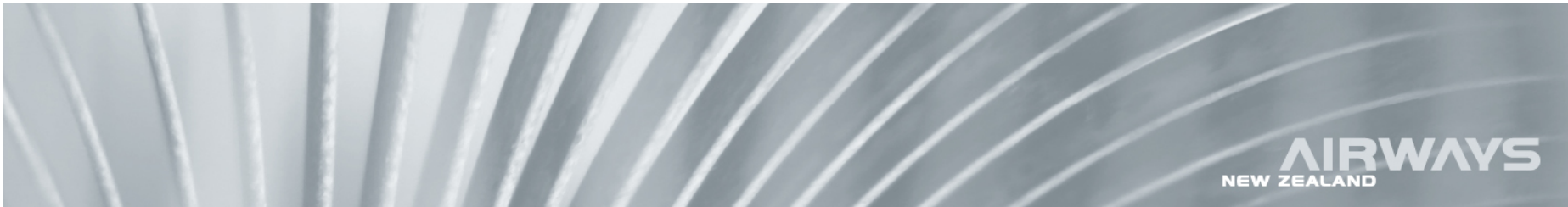
And the women no longer make the cups of tea!

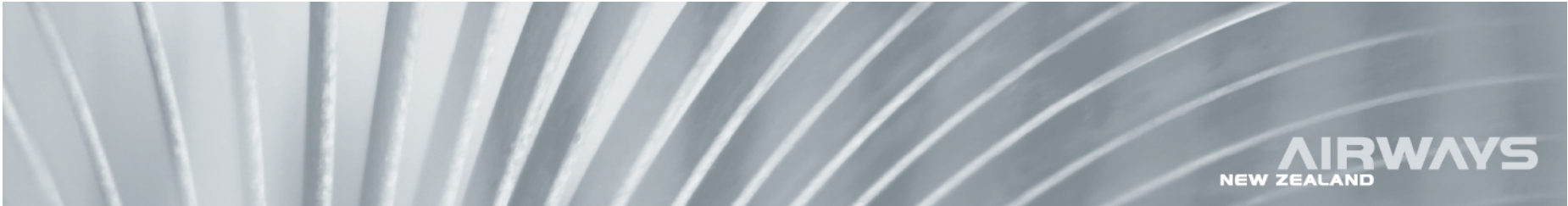


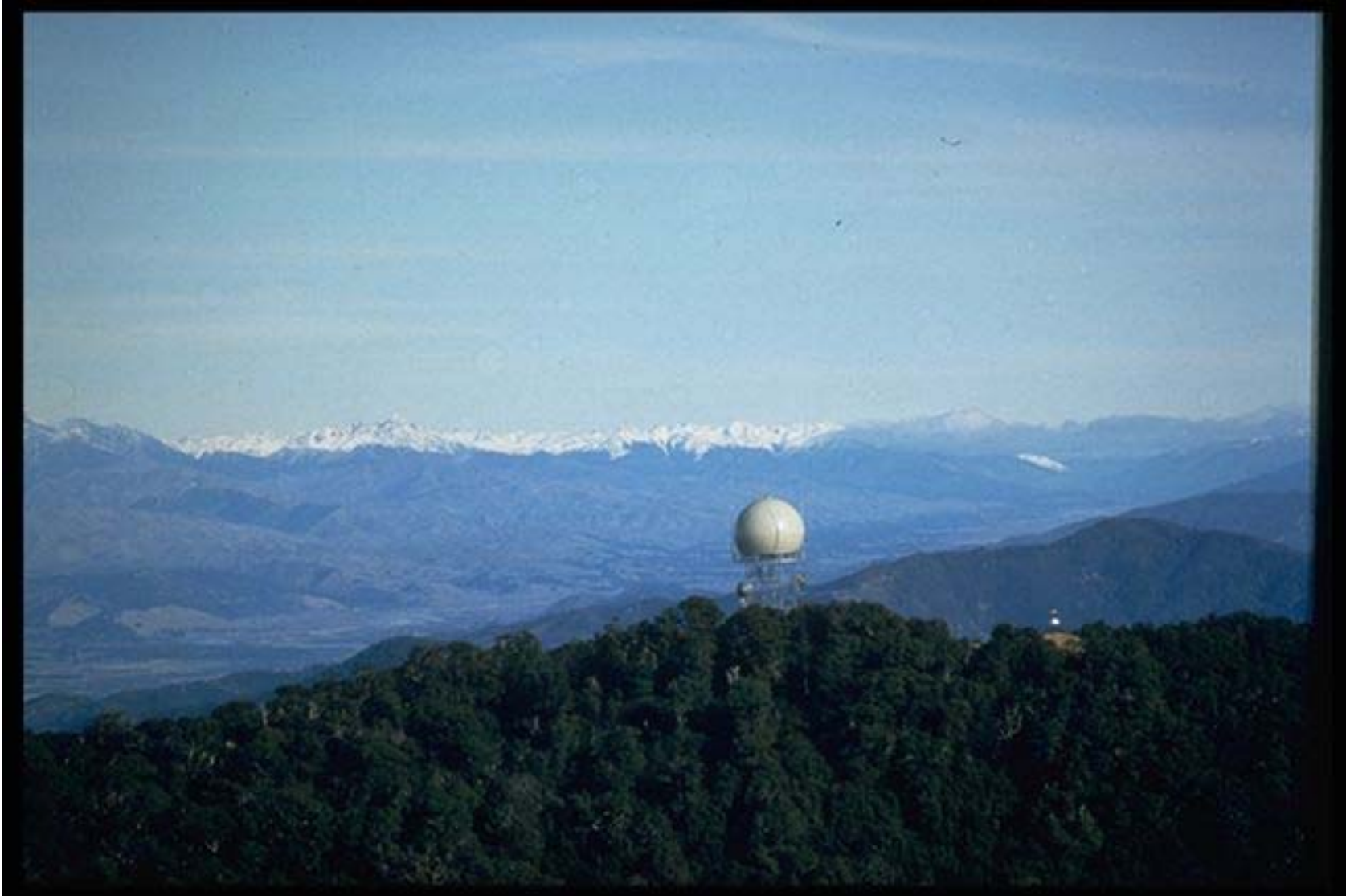
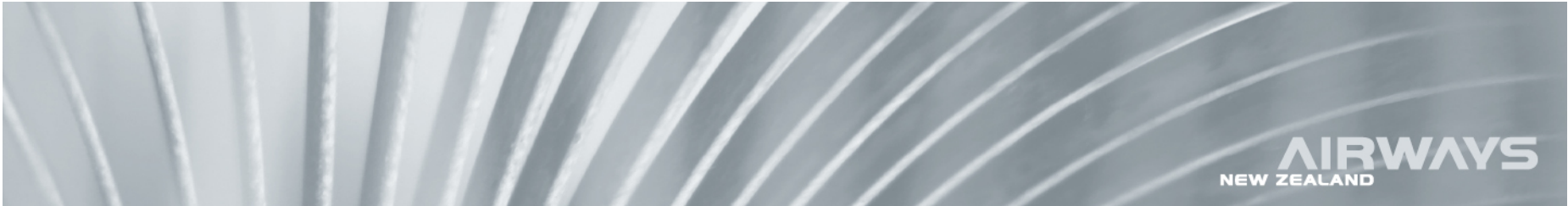
## Airways role

In absolute simple terms, it is the job of Airways New Zealand to stop aircraft collisions in the air and on the ground. The company does this through the provision of Air Navigation Services (ANS) and associated services in New Zealand and internationally.







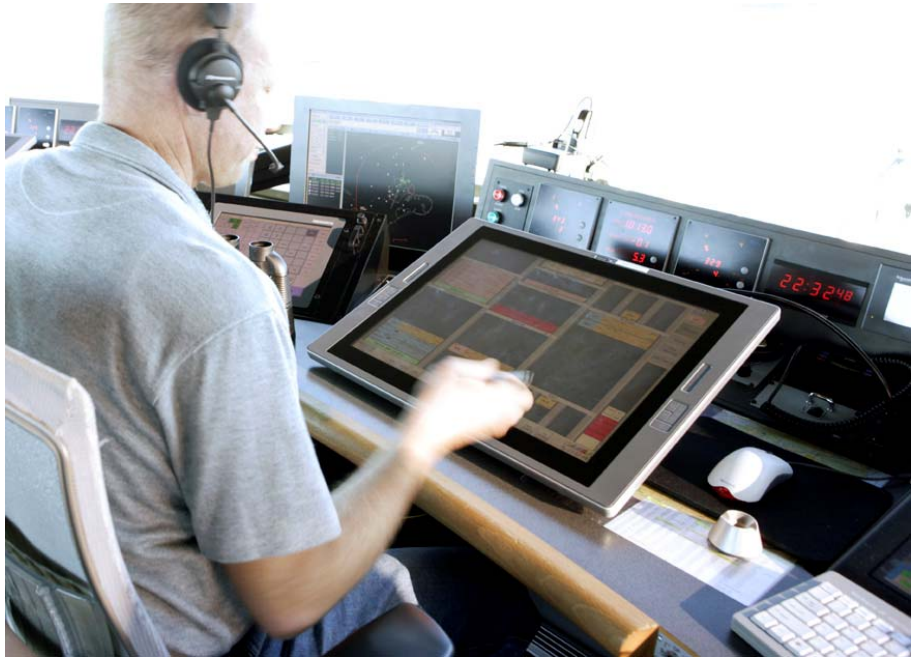
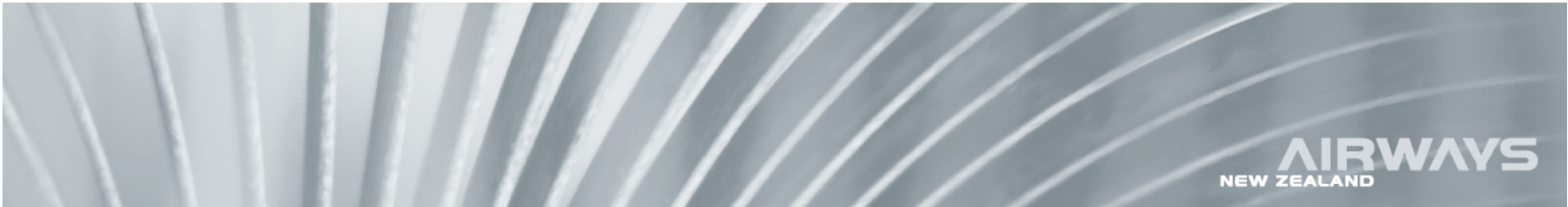


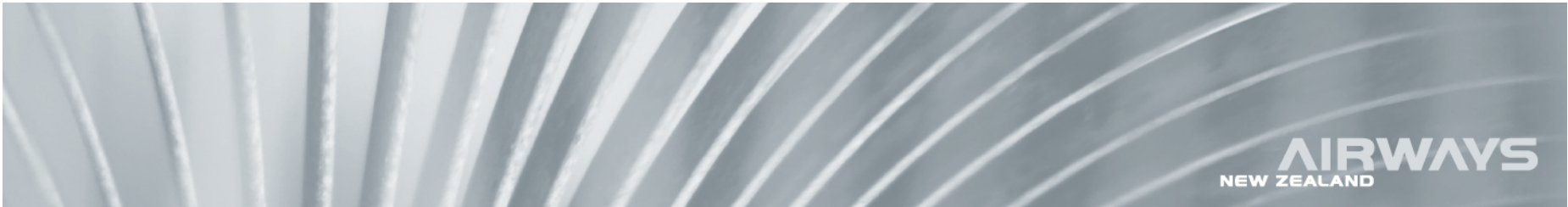
## Airways role (continued)

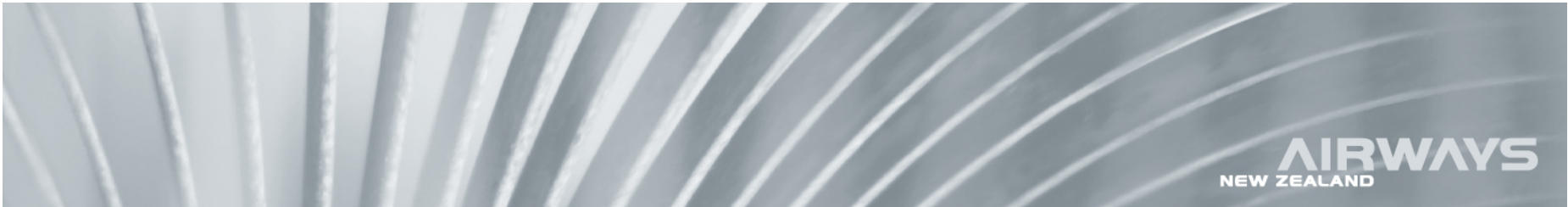
### ANS comprises:

- **air traffic management** - through air traffic control, aircraft flow management and flight information and alerting services for commercial airlines and the General Aviation community
- **navigation services** – we operate a network of radar and navigation aids spread across New Zealand
- **communications** - we operate a sophisticated communications system, which includes everything from satellite coverage to cell phones







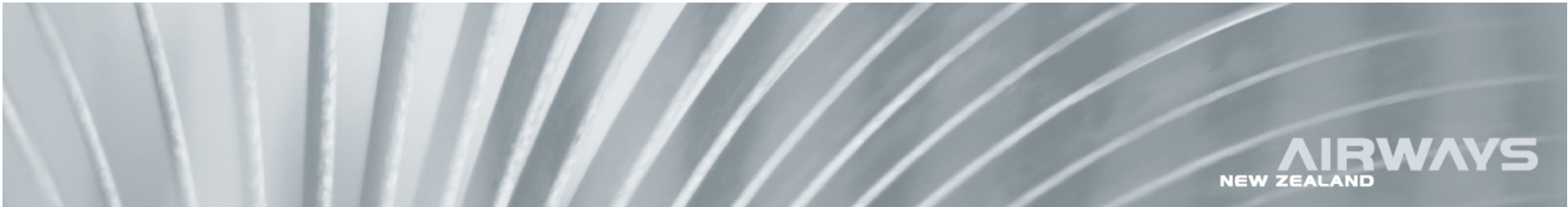


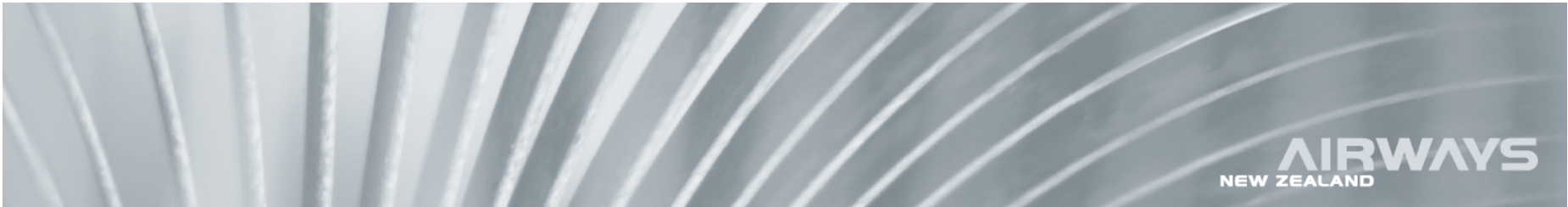
## Our people

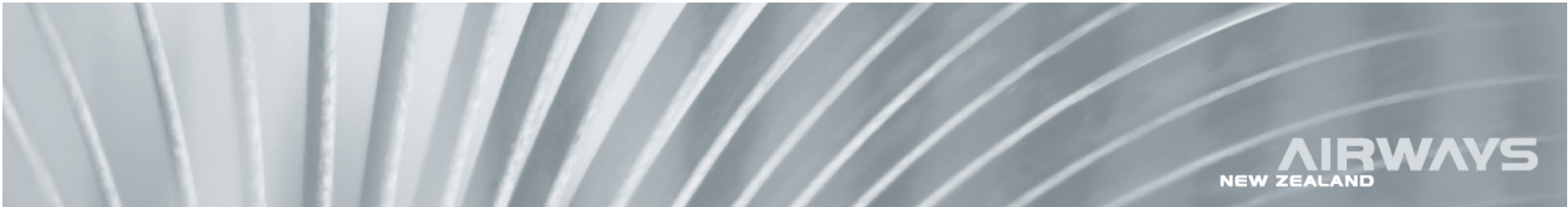
There are 750 people working at Airways, helping to make your world possible.

They range from air traffic controllers (350 staff throughout NZ); software developers, engineers, technicians, flight inspectors, chart and mapping specialists, air space designers and of course, business support services like IT, training, communications, administration and HR.

Here are some of them at work (and some of the views from Airways 'offices'!)







AIRWAYS  
NEW ZEALAND



Thank you

