

CASE STUDY

**CAUC students
thrive in a new environment**
Civil Aviation University of China

Challenge

- Assisting CAUC to meet increased demand for ATCs in China by providing an effective simulation based training environment.

Results

- Increased practical knowledge and skills in the field of Air Traffic Control.
- Significant improvement in English.
- Employment ready graduates.

Feedback



"Because we were in an all English speaking environment, we were able to speed up our English level. Students can improve their IELTS score by 1-2 points within 2 months." Harry

The customer

The Civil Aviation University of China (CAUC), located in Tianjin, China, was established in 1951 to provide civil aviation tertiary education and training for new pilots in China. Students wishing to become an air traffic controller (ATC) in China are able to attend CAUC and complete a four year degree.

The situation

With air traffic growing at an unprecedented rate in China, air navigation training providers are coming under increasing pressure to train enough ATCs to meet the increased demand. The training "production line" can be a lengthy, expensive and risky process. The total training time can exceed six years, from beginning aviation studies at university, through to gaining an ATC licence once on-the-job training is completed. Additional challenges include limited access to simulation technologies, staff student ratios of up to 1:90 and the requirement for trainees to achieve English language competency to ICAO level 4 before gaining final certification.

Airways solution

Students from CAUC were chosen to spend six months in New Zealand studying at the Airways Training Centre and at Massey University in Palmerston North. The first three months of training was spent completing Aviation English for Controllers, ATC Induction and Aerodrome Control courses.

Once they have completed their ATC studies, they attended Massey University to complete courses on aerodynamics, flight observation, simulator practice and airspace planning design.

Tom, a trainee from CAUC, says that he thoroughly enjoyed staying in New Zealand and studying with Airways. "The most important thing was that the staff members were kind and friendly. The instructors were very patient with us, they have a great sense of humour and were also highly responsible in their teaching jobs," says Tom.

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The inherent value

The benefits of the student exchange for both Airways and CAUC are evident. Not only have the students grown their knowledge in the field of air traffic control, but they made incredible progress in their English language and were able to experience an entirely different culture at the same time.

The supportive learning environment at Airways was extremely beneficial to the students, due to the low 1:5 instructor to student ratio, the 4D Total Control aerodrome simulator and the opportunity to experience a live operational environment such as Palmerston North Tower.



The customer relationship between Airways and CAUC has grown, as groups of students continue to travel to New Zealand. This relationship has been further enhanced with the addition of an instructor exchange programme enabling CAUC Professors to visit New Zealand for professional development at Airways' Christchurch and Palmerston North Training Academies.

Quick facts



Programme Details (25 weeks)	ICAO 291 Aviation English	(3 weeks)
	ICAO 051 Aviation Induction	(6 weeks)
	ICAO 052 Aerodrome Control	(8 weeks)
	Aviation Studies	(8 weeks)
Campus	Christchurch and Palmerston North	
Past Cohorts	5 students (2012) 12 students (2014) 10 students (2015)	7 students (2016) 5 students (2017)
Success Rates	Aviation English – ICAO Level 4 ATC Training – 051/052	93% 100%
Delivery Metrics	Instructor / Student ratio Total Simulator Hours Total Learning Hours	1:5 40 1160

Airways has been a trusted training provider for organisations throughout the world for more than 50 years. With customers in Asia, the Middle East, Africa, the Pacific and North America, Airways is constantly improving training delivery and tools.

