

# Two Training Initiatives “Down Under”



## Specialty Training Rotation and Competency- Based DME Training

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# Disclosures

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- No interests to disclose
- No off label use
- IATA paid my air fare here
  
- Australasian Society of Aerospace Medicine
- Australasian College of Aerospace Medicine

# The World

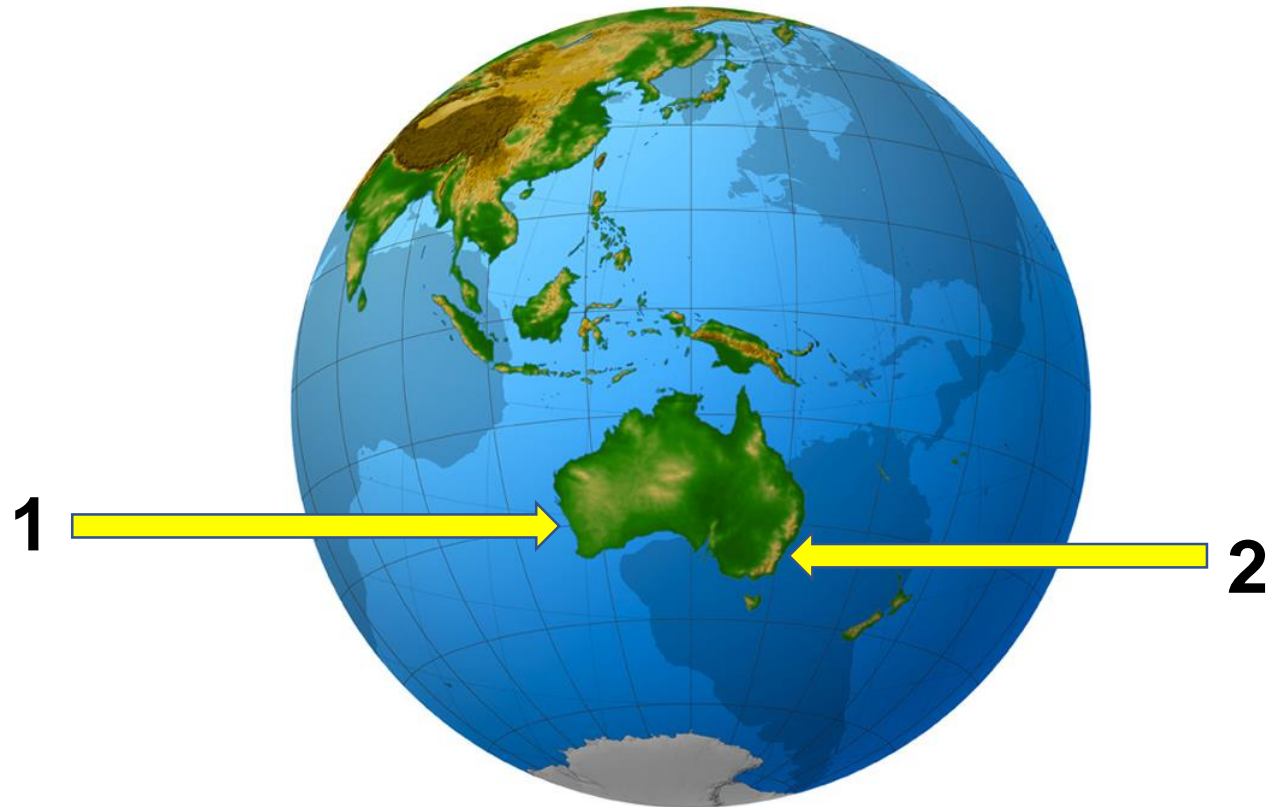
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# Two separate initiatives starting recently

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1. Competency-based DME training course in Perth Australia
2. Professional training rotation in Sydney Australia



# 1. DME Training

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- ICAO Competency-Based Framework for DME Training - developed and published in ICAO Manual of Aviation Medicine (Part V)
- First course – UAE (Emirates and then GCAA) – Annually from 2011
- Second course – Singapore (5 so far)
- Third – Perth, Western Australia 2018  
Offered by the Australasian Society  
of Aerospace Medicine



# ICAO Competency Framework

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## **1. Facilitate Communication**

## **2. Gather and process relevant information on applicant's health status**

## **3. Use the available medical information to facilitate a complete medical assessment**

### **2.2 Perform Examination**

2.2.5 Focus colour vision examination on high risk areas pertaining to functional capacity, specifically

*2.2.5.1 List the licensing authority's requirements for testing colour vision*

2.2.5.2 Demonstrate or describe the process for colour vision screening using pseudoisochromatic plates

2.2.5.3 Identify potential errors in the process and how to avoid them

*2.2.5.4 Describe the actions to be taken following an abnormal result*



# Content

10 participants enrolled – 9 attended/completed



**Australian Government**

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**Civil Aviation Safety Authority**

# Content

- Syllabus - ICAO Competency Framework
- 9 days – shortened to 8 in this case
- Worksite Visits – Hypoxia, Simulator, ATC, Corporate Jet
- Assessment – written + oral (again competency framework)





# Feedback

- Excellent overall....
- Good quality course; Excellent preparation for the job as a DAME; Very approachable instructors; Will recommend course to colleagues
- Excellent course with great presenters.
- An outstanding course in every way. The best post grad course that I have attended.

**AUSTRALASIAN SOCIETY  
OF AEROSPACE MEDICINE**  
DESIGNATED AVIATION  
MEDICAL EXAMINER  
TRAINING PROGRAM

Saturday 16 – Sunday 24 June, 2018  
Jandakot, WA

**CERTIFICATE OF  
COMPETENCY**



**Dr David Powell**  
24 June 2018



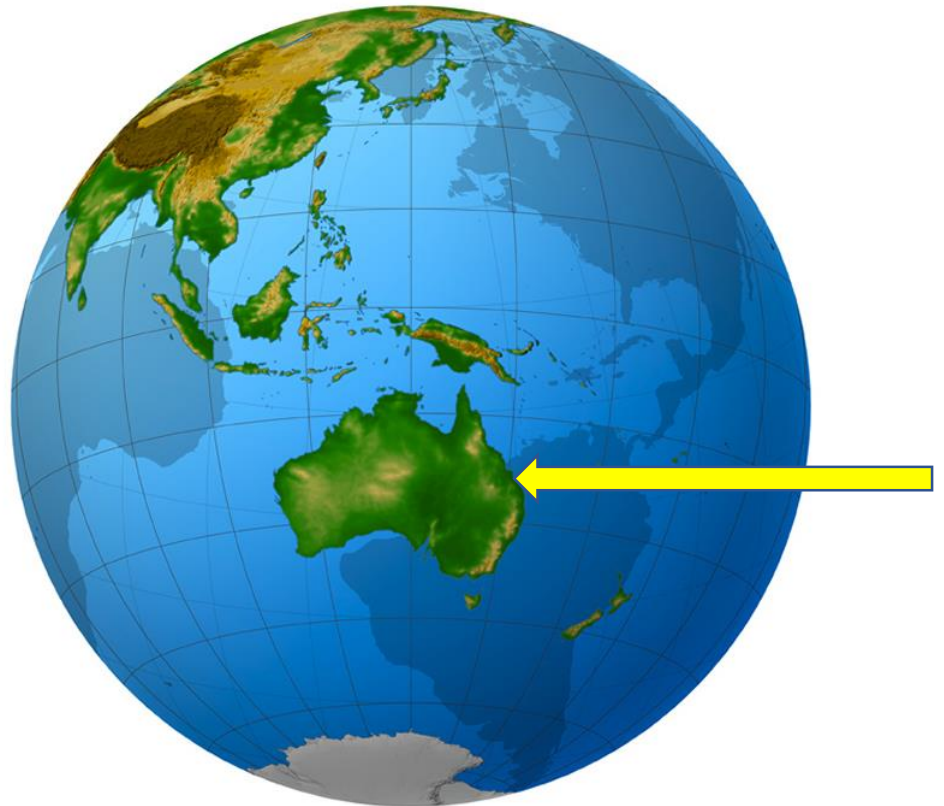
*"Promoting the science of aerospace medicine"*

[www.asam.org.au](http://www.asam.org.au)

Next time....

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Further course planned in Townsville June 2019



## 2. Aerospace Medicine Training Rotation



Australasian College of  
Aerospace Medicine



***AEROSPACE MEDICINE  
TRAINING PROGRAM***



# A World First

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Background - ACAAsM

The vision

How it works

The first recruiting round



# Aerospace Medicine Training Rotation



Australian Government  
Civil Aviation Safety Authority



Michael  
Drane



Ian Hosegood



# Australasian College of Aerospace Medicine

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Recruiting  
Career pathway  
Retention  
Recognition





# Vision

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Sought-after pipeline to  
attractive specialty

Exposure to relevant  
on-the-job experience

Continuity of employment



# Details

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MOU and Board Charter

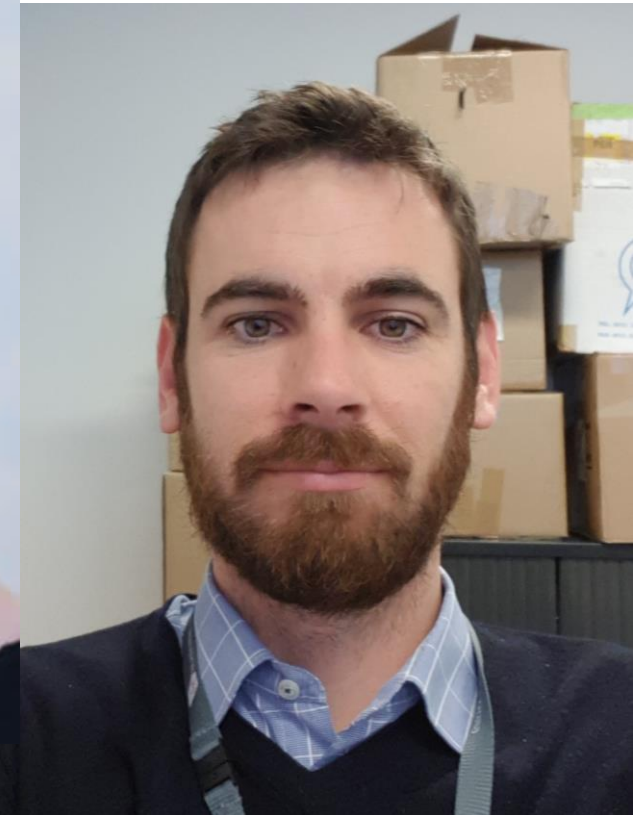
Joint recruiting process

Three rotations each approx 8 months\*

Individual employment agreements

Training competencies

# The first round



3 from 17

# The joy of training

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“.....to give a share of precepts and oral instruction and all the other learning to my sons and to the sons of him who has instructed me....”

- Hippocrates

“He aha te mea nui o te ao. **He tangata, he tangata, he tangata.**” What is the most important thing in the world? It is the people, it is the people, it is the people

- NZ Maori proverb