

***“ISOLATION DOES
NOT MEAN
AUTONOMY”***

***The Asia Pacific Cabin
Safety Working Group***

Susan Rice

Chair

ANZSASI 6-7 June 2015





Sub Group of the:
Australian Society of Air
Safety Investigators -
ASASI



DEVELOPMENT OF GROUP:

***Year* – 1993**

***Membership* - Diverse**

Achievements



APCSWG - Founding Members:

- *2 Flight Attendants*
- *1 Pilot*
- *1 Flight Service Officer*
- *1 Air Accident Investigator*
- *1 Cabin Safety Manager*

APCSWG “Statement of Purpose”

“Members may attend as individuals and/or as agents or representatives of any organisation with which they may be associated.

We are here to promote safety:

To advance the state of the art and not competitive advantage.”



About Us

The APCSWG is a multi disciplinary, voluntary body comprising:

- ▶ *air accident investigators, aircrew, defence*
- ▶ *airline safety representatives, aviation regulators*
- ▶ *psychologists, training providers, legal specialists*

All individuals come together to promote the exchange of cabin safety and survival factors information

Stable leadership for 22 years:

Inaugural Chair – Peter Budd, Pilot – Air Nugini

Subsequent : *Graham Braithwaite, Lecturer - UNSW*

Grant Howard, Cabin Crew – Air NZ

David Lattimore, Cabin Crew – Air NZ

Current – Susan Rice – Former Cabin Crew

Former Cabin Safety Inspector, CASA

Executive Team Support :

Behind the scenes -

From the Group's inception - without the continued dedication, commitment and passion of subsequent Executive members who have supported the Chair position - there is little doubt the Group could NOT have maintained it's profile within industry.

“Thank you” to the past, present and future Secretary's, Treasurer's and Co Chair's.

AND *to all who volunteer their time in the pursuit of improving Cabin Safety philosophies, principles and practices!*

Achievements:

1994 CASA commenced its initial Regulatory Review Program. The APCSWG was invited to participate and remained involved until the documentation of the Cabin Safety contribution to Part 121 and Part 91 was completed.

These parts have yet to be ratified – however, we have had recent input to the latest collaborative effort.

Achievements cont:

-In consultation with Airbus interiors engineers we contributed to Airbus A380 cabin interior design – in particular:

**development of upper deck slide/raft stowage*

**‘canting’ of slide/rafts once deployed*



**Upper Deck Door LHS
- No door bustle for slide/raft**



**Main Deck Door LHS –
Door bustle containing slide/raft**





Achievements cont:

- Cabin Safety Investigator at ATSB

*(Thanks to the enlightened foresight and perspective of
Dr Rob Lee)*

*- Petitioned Australian Government and CASA to
employ Cabin Safety Inspectors*

Achievements cont:

Cairns Airport Fire and Rescue Service sponsored the Group for a day of “training” –

- ✓ Inside a bunker and crawling on our bellies to escape*
- ✓ Using the hoses to extinguish a fire out on the field*
- ✓ Valuable learnings to take back to operators*

Training Exercise at Cairns Airport



Achievements cont:

-Practical air accident scenario in City of Cairns involving all emergency services – (with subsequent surprising & positive feedback from those services)

Participants at Cairns Township Exercise

- ▶ *Location* – *Trinity Inlet*
- ▶ *Scenario* – *Ditching of aircraft at sea*

- ▶ *Queensland - Police Service*
- ▶ *Cairns -Base Hospital*
- ▶ *Queensland - Ambulance Service*
- ▶ *Cairns Airport - Fire and Rescue*
- ▶ *Navy air wing – rotary*
- ▶ *Sponsorship of slide/raft - Qantas*



Auckland Airport Fire and Rescue Service

Within a year of the Cairns exercise we were fortunate to be guests of Auckland Airport emergency services which also involved fire fighting & survival training scenarios.

There was also a ditching exercise which involved an Orion and dropping of supplies to a life raft.....



Achievements:

*Longevity of the Group's
existence*



Growing Our Network and Sharing Factual Information!

- ❖ *We will not allow our geographical location to cause us to become insular nor isolated from the rest of the aviation industry and the world.*
- ❖ *We are actively reaching out and expanding our horizons in order to provide contemporary information for our membership and any cabin crew with an active interest.*

Geographical Considerations for Face to Face Meetings

- ▶ *Expanse of Australia: coast to coast to coast.....*
- ▶ *Location to New Zealand: across the pond.....*
- ▶ *Pacific Islands: Solomon's, Fiji*
- ▶ *Asian Neighbours: Singapore, Indonesia, Hong Kong*
- ▶ *Access to Northern Hemisphere.....*

Communications Considerations

- ▶ *Electronic access to the world.....*
- ▶ *Our website is a repository for factual cabin safety documentation and information*
- ▶ *Social media: Facebook
LinkedIn*



Affiliations

ISASI

UNSW

FSF

HKG – AAPA

PACDEFF

Indonesian CSWG

CASA

ICAO

ATSB

DDAFS



UNIVERSITY OF NEW SOUTH WALES

THE SCHOOL OF AVIATION

<http://www.aviation.nsw.edu.au/>



*Our relationship with the university commenced within a few years of our development – this close liaison has proven to be an integral component to the Group’s longevity over the ensuing years – we greatly appreciate the continued support **“Thank You”***



Published works by Brett Molesworth:

- ✓ 8 Journal papers on cabin safety (Highlights below)
- ✓ Molesworth, B. R. C., & Burgess, M. (2013). Improving intelligibility at a safety critical point: In flight cabin safety. *Safety Science*, 51, 11-16.
- ✓ Molesworth, B. R. C., Burgess, M., & Kwon, D. (2013). The use of noise cancelling headphones to improve concurrent task performance in a noisy environment. *Applied Acoustics*, 74, 110-115.
- ✓ Molesworth, B. R. C. (2104). Examining the Effectiveness of Pre-Flight Cabin Safety Announcements in Commercial Aviation. *International Journal of Aviation Psychology*, 24(4), 300-314.
- ✓ Seneviratne, D., & Molesworth, B. R. C. (2015). Employing Humour and Celebrities to Manipulate Passengers' Attention to Pre-Flight Safety Briefing Videos in Commercial Aviation. *Safety Science*, 75, 130-135.
- ✓ Molesworth, B. R. C., Burgess, M., & Gunnell, B. (2013). Using the effect of alcohol as a comparison to illustrate the detrimental effects of noise on performance. *Noise and Health*, 15(66), 367-373.

Current issue under discussion:

“Commands” issued by Cabin Crew - ie

“Brace Commands” – what, when & duration

“Evacuation Commands” – what & when

This is a topic which has generated significant input and also has the collective attention of ICAO and IATA.

“CONGRATULATIONS”

*Happy 75th Anniversary
Air New Zealand*



Thank You

APCSWG Website – www.apcswg.org

FACEBOOK –

LINKEDIN –

