



Jim Termini

Commercial Director
Redline Aviation Security

**ICAO Symposium on Innovation in
Aviation Security**



We all agree that change (innovation) is needed in avsec, but why?

- To adapt to emerging and novel threats
- To counter 'threat fatigue' in security officers
- So that aviation security can become more unpredictable



What is Innovation?

Innovation

Noun:

change, alteration, revolution, upheaval, transformation, metamorphosis, breakthrough; new measures, new methods, modernization, novelty, newness; creativity, originality, ingenuity, inspiration, inventiveness; informal a shake up.



Are there any models for change/alteration that avsec could perhaps learn from?

We would need to examine a model that is;

- Relevant
- Highlights areas for improvement
- Is reliable, robust and repeatable
- Easily transferable across States
- Cost effective



Comparison of F1 Pit Stops 1950 - 2013



1950	2013	What was right in the modern pit stop?	The Lesson
Not enough mechanics	Many mechanics working as one	Enough people to do the job properly	The avsec operation must be correctly resourced
No coordination	Exceptional coordination	Well supervised	Good supervision is the key to good avsec
Poor tools for the job	The correct, advanced tools for the job	The correct level of technology was in use	The correct use of technology is vital
No regard for safety	Safety of everyone is paramount	The correct levels of protection for the mechanics was in place	Protection for avsec officers means investing in training
Little regard for the drivers well-being	The driver is looked after	Human Factors are taken into consideration	HF must become routine in avsec
Mechanics appear to be unsure of what to do	Mechanics know exactly what to do and when	The mechanics are well trained in the use of their technology, in HF and in achieving the desired outcome	Training is the foundation of a successful avsec operation regardless of the level of technology

So where is the Innovation?

The *innovation* is the 'Back to Basics' mentality;

- Relevant, high quality and focused training will produce;
 - Better use of the technology already in place
 - Better supervision of the avsec officers in place
 - Better management of the current avsec operations
 - More meaningful Quality Assurance of avsec
- This, in turn, will produce;
 - Better threat detection capability
 - More efficient avsec operations
 - A safer and more secure travelling environment



And the reality?

My experience around the world, regardless of region or national authority is, in general;

- Poor quality, stop gap, bare minimum required training
- No HF training to any part of the system
- Poor supervision and management training
- KPI driven, not outcomes focused
- A mistaken view that technology is the panacea



And the answer?

The inquisitive mind, the hands, eyes and ears of the security officers/screeners are, by a long way, the most powerful tool in our armoury.

Why wouldn't we make the best use of these vital assets, invest in them through high quality training and develop this existing capacity?



Thank you.

Any questions?