

IGHC 2019

IATA GROUND HANDLING CONFERENCE

MADRID, SPAIN | 26-29 MAY



Catch the TRAM

Threat and Risk Audit Matrix

Mike Woodall:

Assistant Director/Principal

Security Consulting and Capacity Development

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One Day of Traffic in Europe



Security Priorities

- ICAO SARPs
 - GAsEP
 - SeMS
-
- ✓ Threat and Risk Management
 - ✓ Reporting
 - ✓ Capacity Development



ICAO GLOBAL AVIATION SECURITY PLAN (GASeP)

The GASeP seeks to guide security enhancement efforts.

There are currently **5** key priority outcomes, **94** tasks and **32** accompanying actions:

- 1) enhance **risk awareness** and response;
- 2) develop **security culture** and human capability;
- 3) improve technological resources and **innovation**;
- 4) improve **oversight** and **quality assurance**; and,
- 5) increase cooperation and support.

Many of these directly link to SeMS...



Tasks and Actions include...

Some examples from each of the 5 priority areas include:

- 1.2 - Improve training on **risk assessment**
- 2.1 - Build and promote **security culture**
- 3.1 - Enhance **technical advice** to States
- 4.3 - Develop and implement **rectification plans** at national and local levels to address gaps and vulnerabilities identified
- 5.3 - Commitment to enhance **effective implementation** by recipient States

Many of these can directly link to SeMS...



Realistically before we can start to effectively '*manage risk*' we need to assess what, and how big, it might be...



Sadly many organizations are struggling to even start, let alone integrate, risk assessments into their security risk management?



The ICAO Security Manual (doc 8973) references the term “Risk Assessment” 120 times... and variously states:

- 2.5.1 ...**based on** a risk assessment...
- 8.1.5.6 ...taking the risk assessment **concept**...
- 9.1.1.2 ...**commensurate with** the risk assessment...
- 9.2.6.2 ...**will trigger** a risk assessment...
- 11.2.5.1 ...security risk assessment **process**...
- 11.2.6.23 ...**results** of risk assessments...
- 11.3.7.3 ...**supported by** a risk assessment...
- 11.4.1 ...**in accordance with** a risk assessment...
- 11.5.5 ...**national** and **local** risk assessments...
- 11.9.4.1 ...**determined by** a risk assessment...

- 12.2.1.6... The relevant authorities **should conduct** risk assessments...

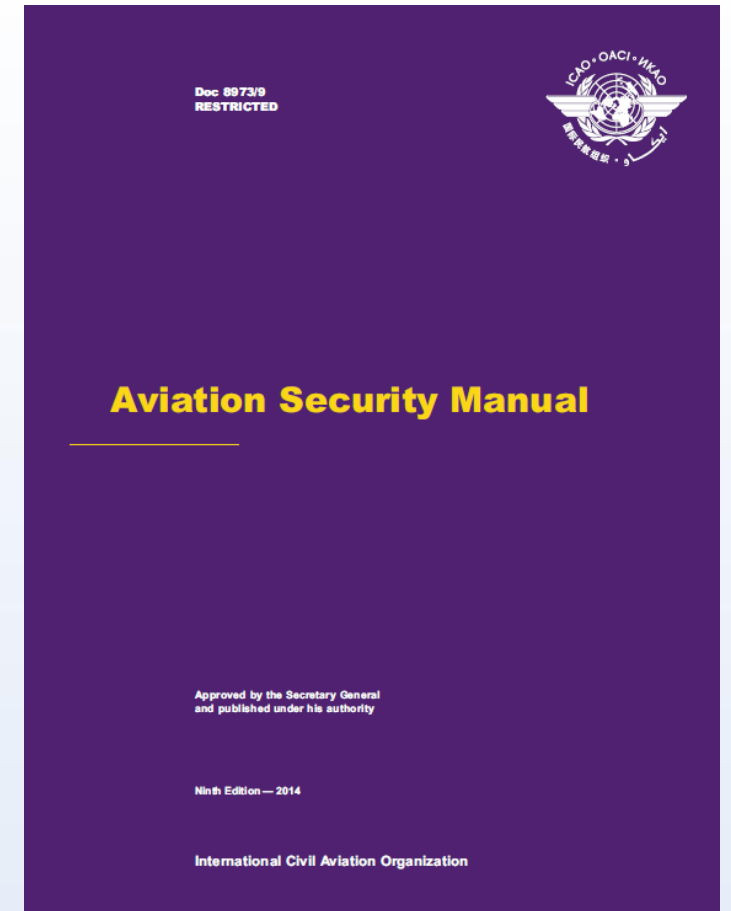


And at Appendix 37 – on page 679 –

it eventually provides additional details regarding:

- ✓ Methodology
- ✓ Process Maps
- ✓ Risk Assessment components
- ✓ Scoring mechanisms

And a degree of supporting commentary...



So is it any wonder that for many it's just all too difficult...



An IATA Risk Assessment survey found...

- **95%** of respondents believe a Risk Register **should** be fully **evidenced, documented, auditable** and **regularly updated**
 - But over 44% **don't** currently have a threat / risk register
 - Nearly 25% had **never** received Risk Assessment training
 - And over a 1/3rd **didn't know** how much Residual Risk was being carried by their organizations...
-
- **Not surprisingly over 79% said they would like some support...**



Post event the critical questions will probably not be:

- what terminology did you use?
- whose system did you adopt?
- who did you integrate with?

So we should not let these questions get in the way of starting the process...



The key questions will probably be...

- ✓ What did you know?
- ✓ When did you know it?
- ✓ What did you do about it?
- ✓ **Can you prove it!**



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Collectively we need to work harder to stop people and organisations from feeling like this...

Especially when they think about Security Risk Management or Risk Assessments...



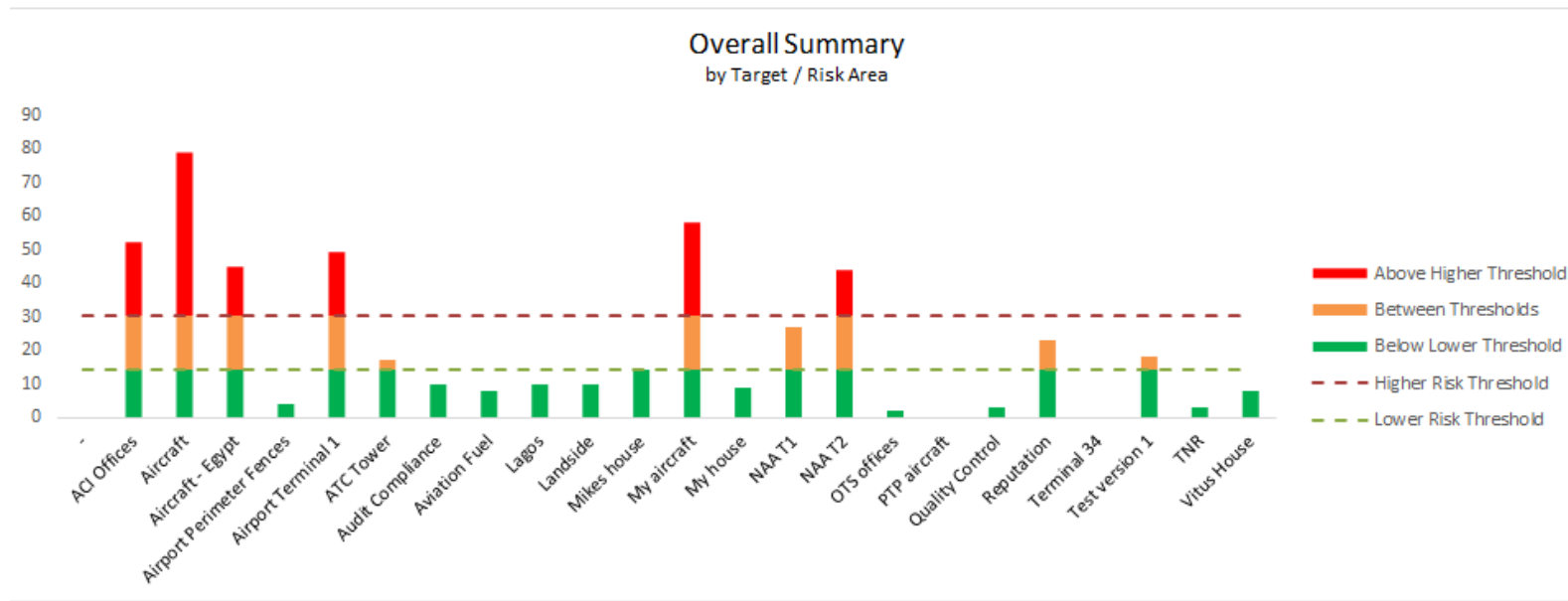
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And give them the tools and confidence to start doing this...



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TRAM:

Threat and Risk Audit Matrix



A Working Demonstration

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