



WFP AVIATION SECURITY NETWORK AND CHALLENGES

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CHANGING LIVES

24 Oct, 2018 - GHAC



AVSEC Network



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Facts – Why AVSEC

Our network is in a continuous state of flux and evolution.

Threats across our region and area of collaboration continue to grow and evolve.

We need be operating within acceptable/tolerable level of risk.

Our focus is to provide complimentary support across the region to mitigate the risk.

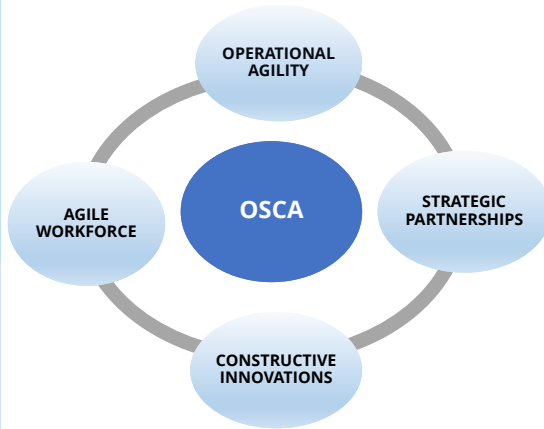
In particular to the remote locations, which are not fully developed.



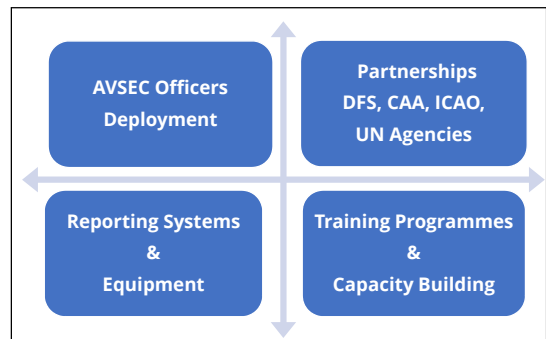
Consider - WFP AVIATION (OSCA) STRATEGIC PILLARS

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The AVSEC programme is fully aligned under these strategic pillars





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Consider the Regional and National Networks



Consider - Facilitation and movement of our Pax

interconnectivity

| In less than 12 hours | | | In 24 hours |
|-----------------------|----------|------------|----------------------|
| Tripoli | Tunis | Dubai | Beijing/Sydney |
| Nyala | Khartoum | Qatar | Moscow/Singapore |
| Timbuktu | Bamako | Paris | New York/Los Angeles |
| Bria | Bangui | Casablanca | Montevideo/Santiago |



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Challenges

Hostile Environments

- Armed Conflict
- Terrorist Activity
- Civil Disturbance Unrest

This can quickly escalate and lead to a domino effect across the region and areas we operate into.

Our AVSEC coordination is focused on keeping airport facilities, runway and people secure at all times from such events.

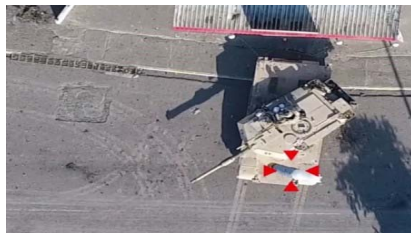
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Challenges

RPAS /Drones Hybrid attacks and modes

ISIS Demo - drone dropping a grenade on a tank



Source - Combating Terrorism Centre WP

Venezuela alleged attack with two drones



Source - New York Times

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Challenges

Cyber Attack - IT Systems and communication

Flight Systems Outage

In June 2015, an attack grounded around 1,400 passengers when the flight plan system of 10 planes went down for around five hours at Warsaw's Chopin airport.

Website Hack

Sept 2018

British Airways data breach;
380,000 Client's credit card details exposed

Ransomware attacks

Sept 2018

Ransomware attack blacks out screens at Bristol Airport



Challenges

Terrorist Groups

ICON Groups in the region

AL QAEDA, ISIS, BOKO HARAM, AL SHABAAB etc..

- Established, pragmatic, adaptable in operating across the region in remote locations
- Proven track record of mounting attacks against aviation assets
- Experts in exploiting social media for their cause
- Consistently developing new methods and tactics
- Extensive surveillance of targets conducted



Challenges Summary

- Conflict zones
- Changing dynamics
- Access restrictions
- Communications - IT
- New Weapons, Tactics & Capability of groups

WAY FORWARD



| | |
|---|--|
| Aviation Threats | Strengthen our data collection, assessment & coordination |
| Standards & Procedures | Develop, share & align best practises In forums & workshops |
| Training Development & Building Capacity | Conduct Joint training & workshops |
| Systems & Technology | Workshop/information sharing of knowledge and lessons learnt |
| Focus on collaboration with CAA, ICAO, DFS, UN Agencies & Aviation Partners | |



THANK YOU