AVSEC Network

WFP AVIATION SECURITY NETWORK AND CHALLENGES

FACTS

CONSIDER

CHALLENGES

WAY FORWARD
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 to operate 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

The AVSEC programme is fully aligned under these strategic pillars:

- AVSEC Officers Deployment
- Partnerships DFS, CAA, ICAO, UN Agencies
- Reporting Systems & Equipment
- Training Programmes & Capacity Building
Consider the Regional and National Networks

Consider - Facilitation and movement of our Pax

**interconnectivity**

<table>
<thead>
<tr>
<th>Destination</th>
<th>In less than 12 hours</th>
<th>In 24 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tripoli</td>
<td>Tunis</td>
<td>Dubai</td>
</tr>
<tr>
<td>Nyala</td>
<td>Khartoum</td>
<td>Qatar</td>
</tr>
<tr>
<td>Timbuktu</td>
<td>Bamako</td>
<td>Paris</td>
</tr>
<tr>
<td>Bria</td>
<td>Bangui</td>
<td>Casablanca</td>
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</table>
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.

Challenges

RPAS /Drones Hybrid attacks and modes

ISIS Demo - drone dropping a grenade on a tank

Venezuela alleged attack with two drones

Source - Combating Terrorism Centre WP

Source - New York Times
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 practices 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