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SECURITY & FACILITATION

NO COUNTRY LEFT BEHIND

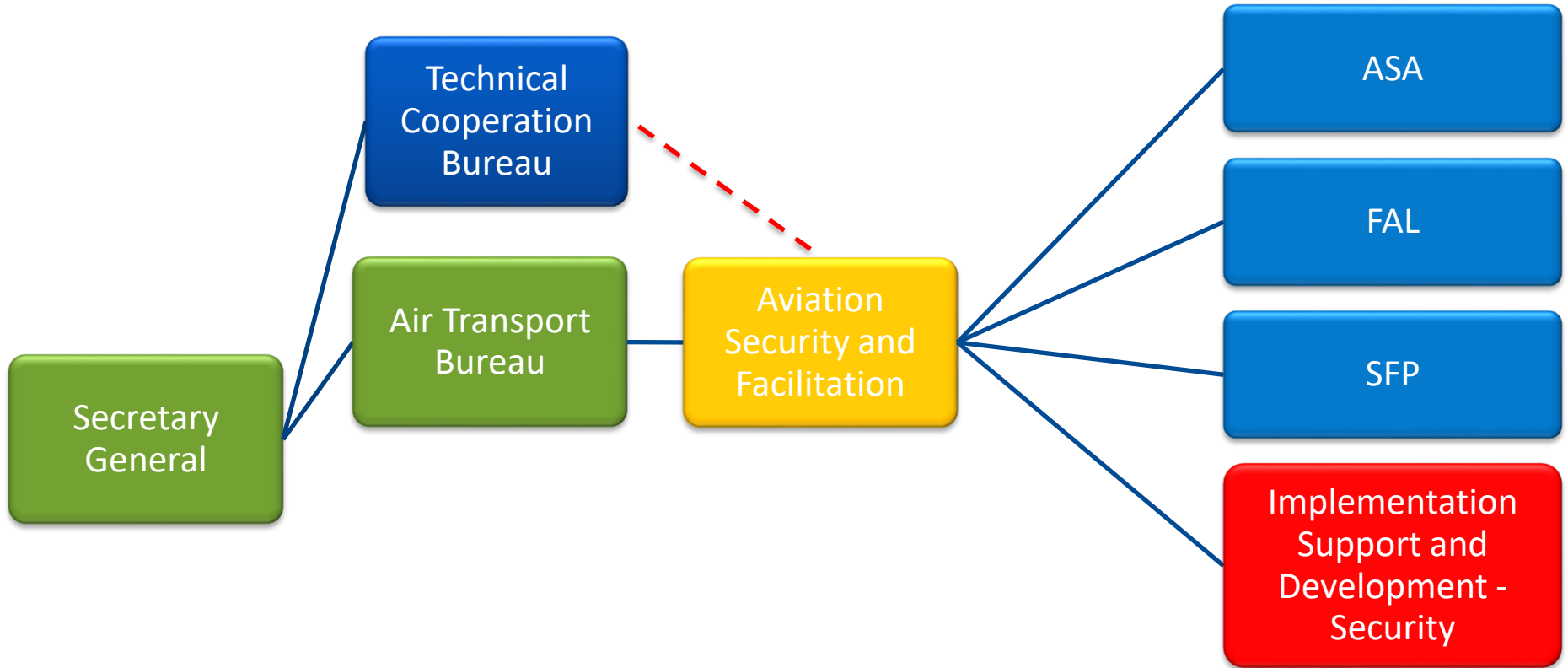


# General overview: Emerging security threats in the aviation industry

## ICAO – Legal Seminar



27 – 28 November 2017, Nairobi – Kenya





# ICAO Strategic Objectives (2014-2016)

- Enhance global civil aviation safety
- Increase the capacity and improve the efficiency of the global civil aviation system
- **Enhance global civil aviation security and facilitation**
- Foster the development of a sound and economically-viable civil aviation system
- Minimize the adverse environmental effects of civil aviation activities



## New Strategic Objective C – Enhance Global Security and Facilitation

- This Strategic Objective reflects the need for ICAO's leadership in aviation security, facilitation and related border security matters





## Civil Aviation Security Threats and Vulnerabilities

- Threats worldwide are continuing, evolving and challenging to predict.
- All facets of civil aviation are at risk – passenger aircraft, air cargo, airports, and related facilities and operations.
- New and emerging threats – suicide bombers, cyber terrorism, insider threats, MANPADs
- Transnational Crime( Drug trafficking, Human trafficking)
- Aircraft as weapon of mass destruction
- **Despite improvements, Aviation Security Audits show many States with serious deficiencies:**
  - **compliance with Standards and Recommended Practices**
  - **adequacy of oversight systems**



# Threats to Civil Aviation





## Manpads Attacks

- Baghdad DHL aircraft (2003)
- Mombasa Israeli Boeing 757 attempted attack (2002)



### **TSA Shows Off Crazy High Heel Guns It Confiscated From LaGuardia Checkpoint**





## West Africa: Air Cocaine



- “Air Cocaine” incident in November 2009, when the burnt-out carcass (shown above) of an elderly Boeing 727 believed to have been transporting up to 11 tons of cocaine was found abandoned in the desert north of Gao, Mali.



- It is believed that the plane, had been flown direct from Venezuela - one of an entire "fleet" of decrepit airliners pressed into service by cartels.





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## Recent Unlawful Acts

- Malaysia Airline still missing
- Russian jetliner over Egypt's Sinai Peninsula-224 dead
- Recent Airport attacks in Belgium and Turkey
- Deadly explosion on Somali jet-Daallo
- Egypt Airline Hijack in Libya



## Civil aviation as a Target

- Ability to inflict mass casualties
- Ability to inflict damage to economy or travel
- Ability to disrupt scheduled air travel
- High profile



# Civil aviation as a Target

- Vulnerable due to high pax traffic
- Limited risk to perpetrators
- Symbolic statement generating media imagery
- Generate public anxiety



# Threat Scenarios

- Airborne threat (conventional Hijack Vs aircraft used as weapons)
- Person IED
- Vehicle-borne IED, Cargo IED
- Chemical, biological and radiological attacks
- Sabotage
- Cyber attacks
- Other weapons( knives, firearms, blunt instruments
- MANPADS (in combat area on not)



# Annex 17: Security (AVSEC)

- Lead and support global efforts to establish sustainable civil aviation security regimes and oversight systems to:
  - prevent unlawful interference with civil aviation;
  - respond effectively to attacks and attempted attacks; and
  - assure the safe and efficient movement of people and goods



## Annex 9: Facilitation (FAL)

*Facilitation is the efficient management of (customs, immigration, health and quarantine) **border control** processes, to expedite clearance (of **aircraft, passengers/crew, baggage and cargo**) and to prevent unnecessary delays*

- Maintain stability of supply chain
- Support economic growth
- Enable sustainable development of air transport
- Maintain security and flight safety

### Annex 9 to the Chicago Convention

- facilitation of landside formalities for clearance of aircraft, passengers, goods and mail
- requirements of customs, immigration, public health and agriculture authorities



## Balancing Security and Facilitation

*Improving security*

*Efficient operations*

### SECURITY

- Policy development
- Audit
- Training/assistance

### FACILITATION

- SARPs
- Guidance
- Assistance



- MRTD
- PKD

Balance



# Current aviation security and facilitation situation in Africa

Situation is below the global average, indicating that many States in Africa are unable to properly oversee aviation security and facilitation.





# Current Aviation Security and Facilitation Situation in Africa

Unsatisfactory implementation of Standards in Annex 17 — Security to the Convention on International Civil Aviation, and the security – related Standards in Annex 9 — Facilitation, and risk mitigation.



# Current Aviation Security and Facilitation Situation in Africa

## Challenges include:

- inadequate enforcement powers allocated to the designated Appropriate Authority for security;
- inadequate or inefficient infrastructure and services; insufficient funds, and;
- lack of coordination, and duplication of capacity-building efforts.



# Considerations:

- Tenuous security environment in Africa: conflict zones, terrorism, transnational organized crime (drug, human being trafficking), proliferation of weapons (Manpads), etc.
- Growing passenger traffic (4.8 per cent in 2015).



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# THANK YOU

