

# AVSEC & Emergency training



## The insider threat

# The insider threat

## Definition

An „**Insider**“ is a person who exploits, or has intention to exploit, their role for unauthorized purposes.

# The Insider Threat

Risks arising from:

- ✈ employees working in or for the aviation sector
- ✈ whose roles provide them with privileged access to secured location or sensitive information
- ✈ who therefore have potential tactical advantage in perpetrating acts of unlawful interference.

# Insider activities

- ✈ Espionage
- ✈ Terrorism
- ✈ Security compromise
- ✈ Theft properties
- ✈ Sabotage
- ✈ Information theft

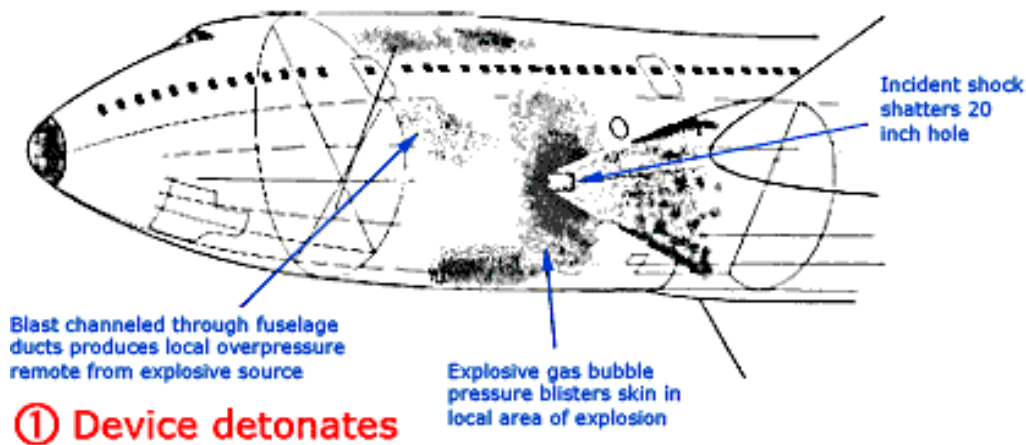
# Methods of attack

- ✈ Sabotage or damage to assets or infrastructures
- ✈ Facilitation of unauthorized third-party access
- ✈ Unauthorized disclosure of data or information
- ✈ Theft or even financial corruption

# Vulnerability to Insiders

## Lockerbie

- ✈ PanAm flight 103
- ✈ 21<sup>th</sup> December 1988
- ✈ 270 victims



# Vulnerability to insiders

## Metrojet

- ✈ September 2015
- ✈ Sharm el Sheikh
- ✈ radical islamists
- ✈ 224 victims



# Vulnerability to insiders

## Daallo Airlines

- ✈ Februar 2016
- ✈ Mogadishu, Somalia





# Vulnerability to insiders

## Rajib Karim

- ✈ 2010
- ✈ Newcastle (UK) based BA employee was in contact with now-deceased AQ leader Anwar al Awlaki.
- ✈ Offered to use his expertise as a software engineer to attack systems.

### THE EMAIL EXCHANGE

#### JANUARY 2010, KARIM TO ANWAR AL-AWLAKI:

'It has been three years that I have been living here away from the company of good brothers and spending a good part of my day working with the kuffar (disbelievers or infidels). I was also keeping a low profile by hiding my real religious viewpoints, trimming my beard and not getting too involved in the local Muslim community or any Islamic

activities. But leading a life like that was really killing me inside. That's why I desperately want to make hijrah (fight Jihad). I personally know two brothers, one who works in baggage handling at Heathrow and another who works in airport security. Both are good practising brothers and sympathise.'

#### FEBRUARY 2010, AL-AWLAKI TO KARIM:

'Our highest priority is the U.S. Anything there, even on a smaller scale compared to what we may do in the UK would be our choice. So the question is with the people you have is it possible to get a package or a person with a package on board a flight heading to the U.S.?''

#### FEBRUARY 15, 2010, KARIM TO AL-AWLAKI:

'I have started working on the bros (brothers) I mentioned on the last letter without mentioning you directly. The bros responded better than I expected. Like you I also

agree that U.S. is a better target than UK, but I do not know much about U.S. I can work with the bros to find out the possibilities of shipping a package to a U.S.-bound plane.'

# Risk mitigation

- ✈ Recruitment and detection
- ✈ Background check
- ✈ Physical measures
- ✈ Personnel security measures

# AVSEC & Emergency training



Thank you for your attention!