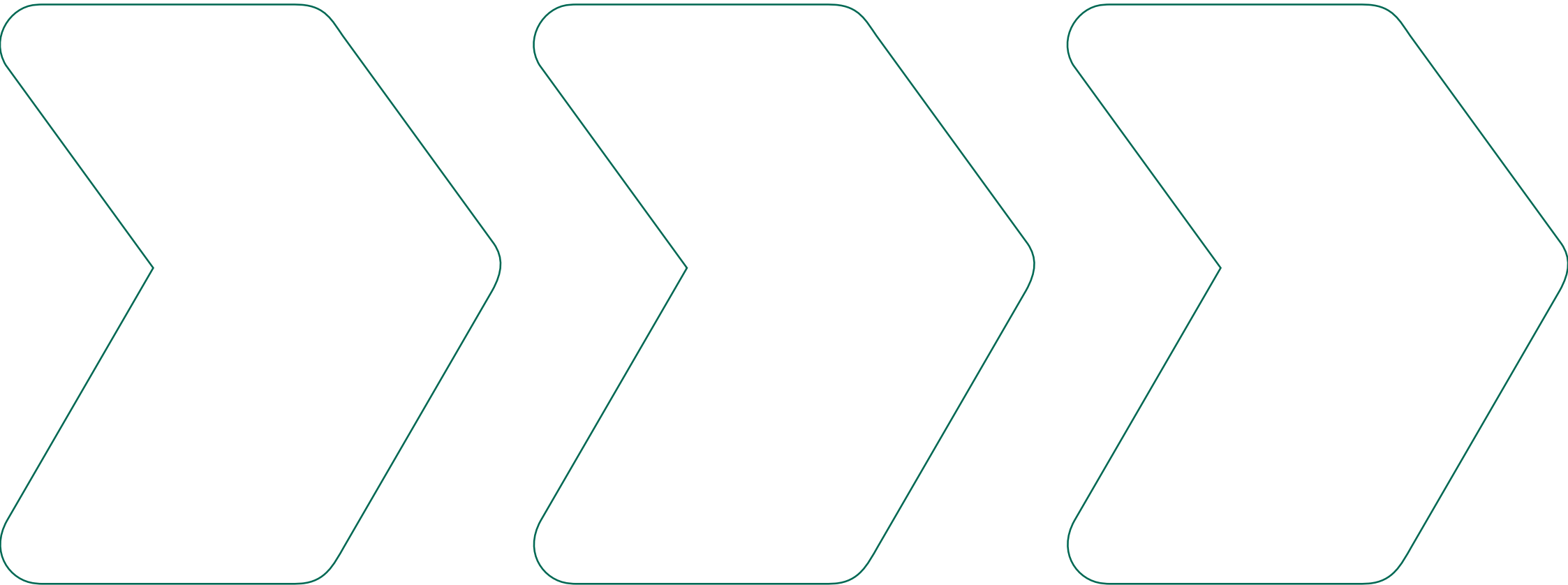




Department  
for Transport

# The Evolving Threat to Civil Aviation

Kashif Chaudry,  
Head of Aviation Security International Operations





# The Evolving Threat to Civil Aviation

- ▶ Context- Why does it matter?
- ▶ Evolving threat picture.
- ▶ UK approach to threats.
- ▶ Our response- government and industry perspectives, opportunities and challenges.





# The Evolving Threat





# The Evolving Threat





# The Evolving Threat





# An Effective Security Regime

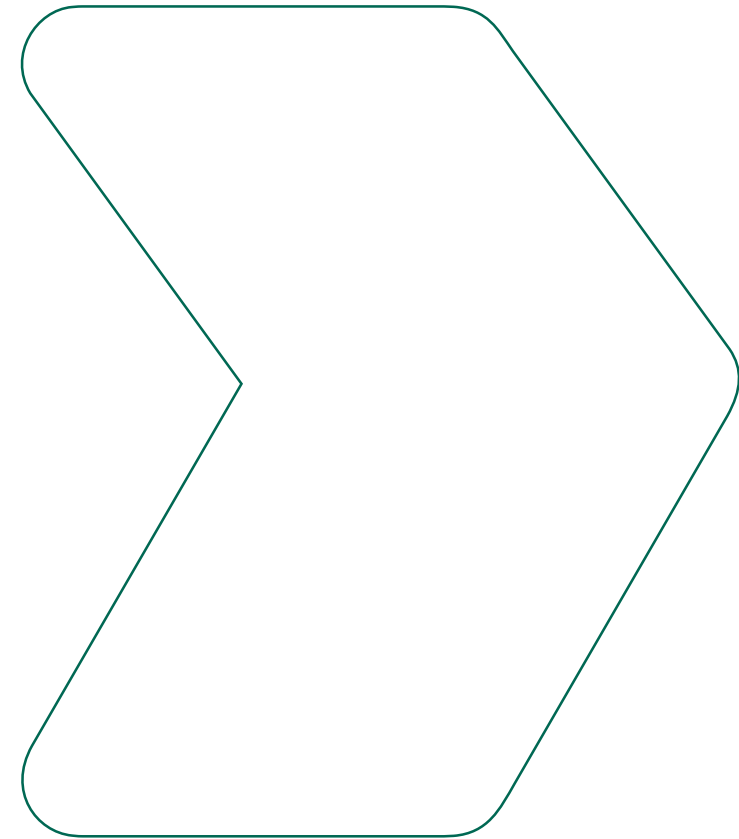
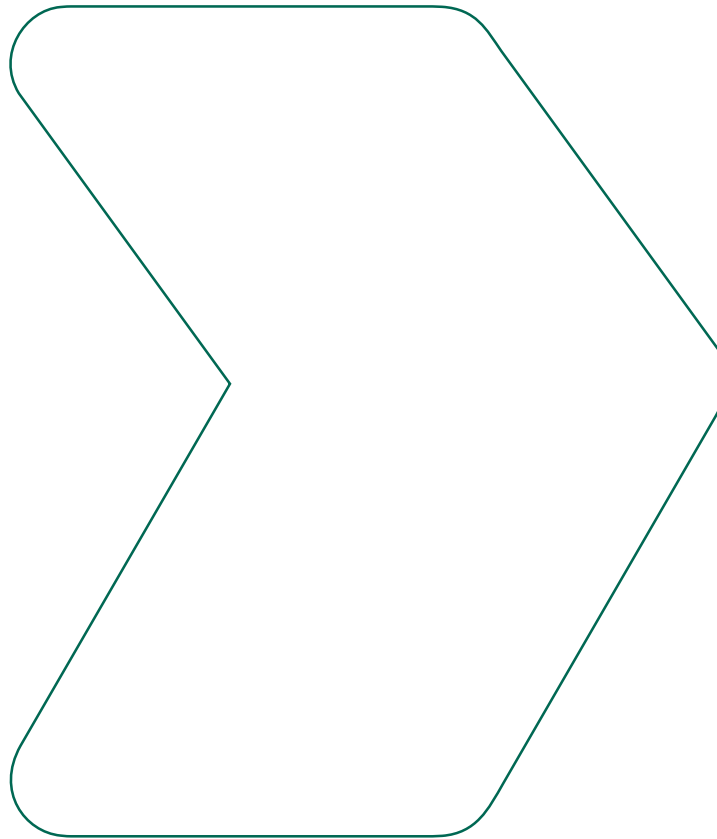
- ▶ People- motivated and trained
- ▶ Processes- to resolve alarms and respond
- ▶ Equipment- to support detection
- ▶ Quality Assurance Programme- to provide ongoing assurance



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Jon Lovesey

Aviation Security Liaison Officer (ASLO), UAE and Saudi Arabia





# ICAO Global Risk Assessment 2016

**PERSON BORNE IED** (on person and in bag)

**MANPADS** (in conflict or proliferation zones)

**IED IN CARGO**

**LANDSIDE THREATS**

**PERSON BORNE IED** (in hold baggage)

**VEHICLE BORNE IED**

**MANPADS** (non conflict or proliferation zone)

**AIRBORNE THREATS** (aircraft as a weapon)

**IED IN SERVICES** (catering, In flight supplies etc)

**AIRBORNE THREATS** (RPAS)

**AIRBORNE THREATS** (conventional hijack)

**CYBER ATTACKS**

**CBRN ATTACKS**

HIGH

MEDIUM HIGH

MEDIUM HIGH

MEDIUM HIGH

MEDIUM

MEDIUM

MEDIUM LOW

MEDIUM LOW

MEDIUM LOW

MEDIUM LOW

LOW

LOW

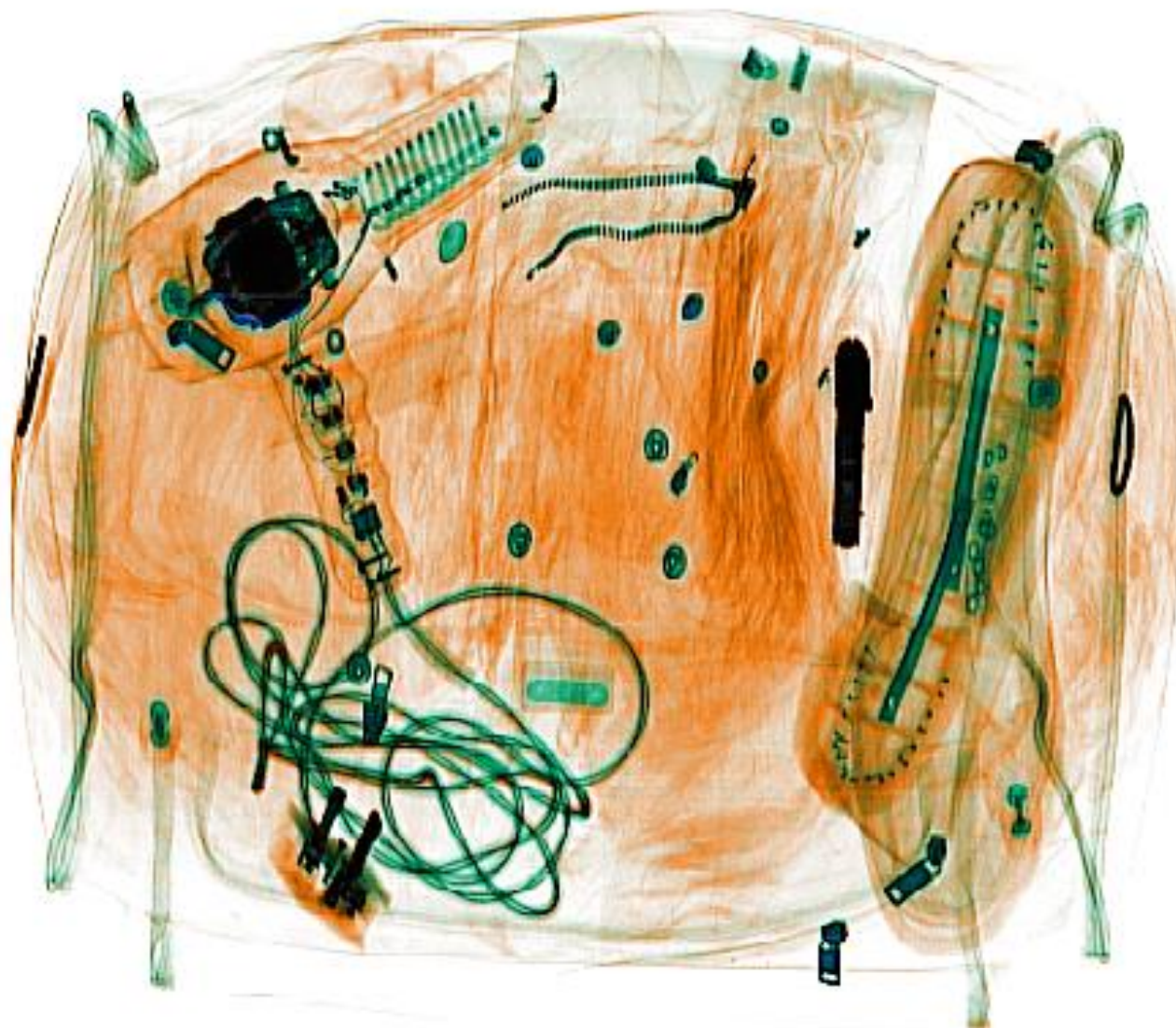
LOW

(Source: ICAO Risk Context Statement)



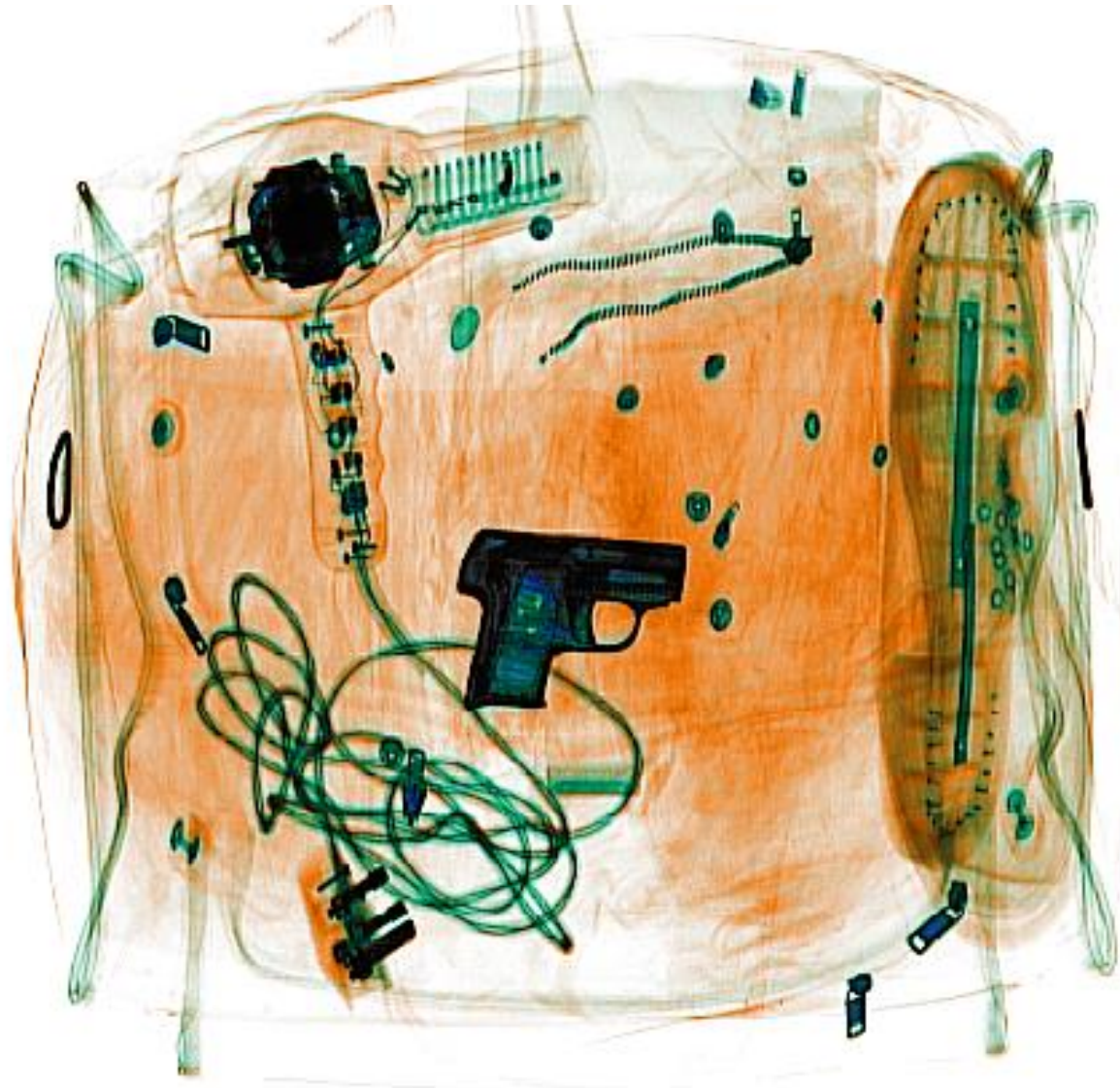


# X-ray 1



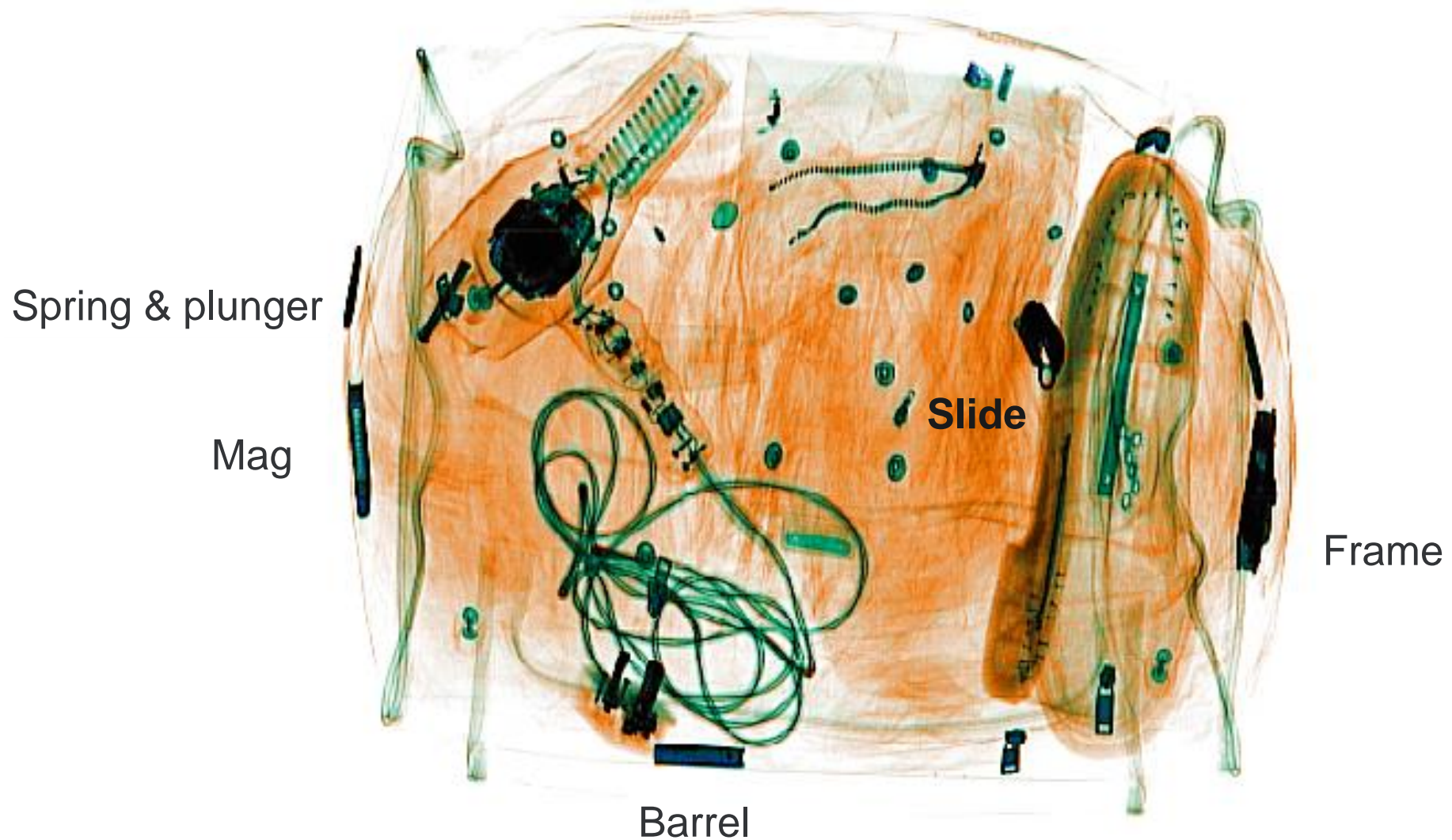


## X-ray 2



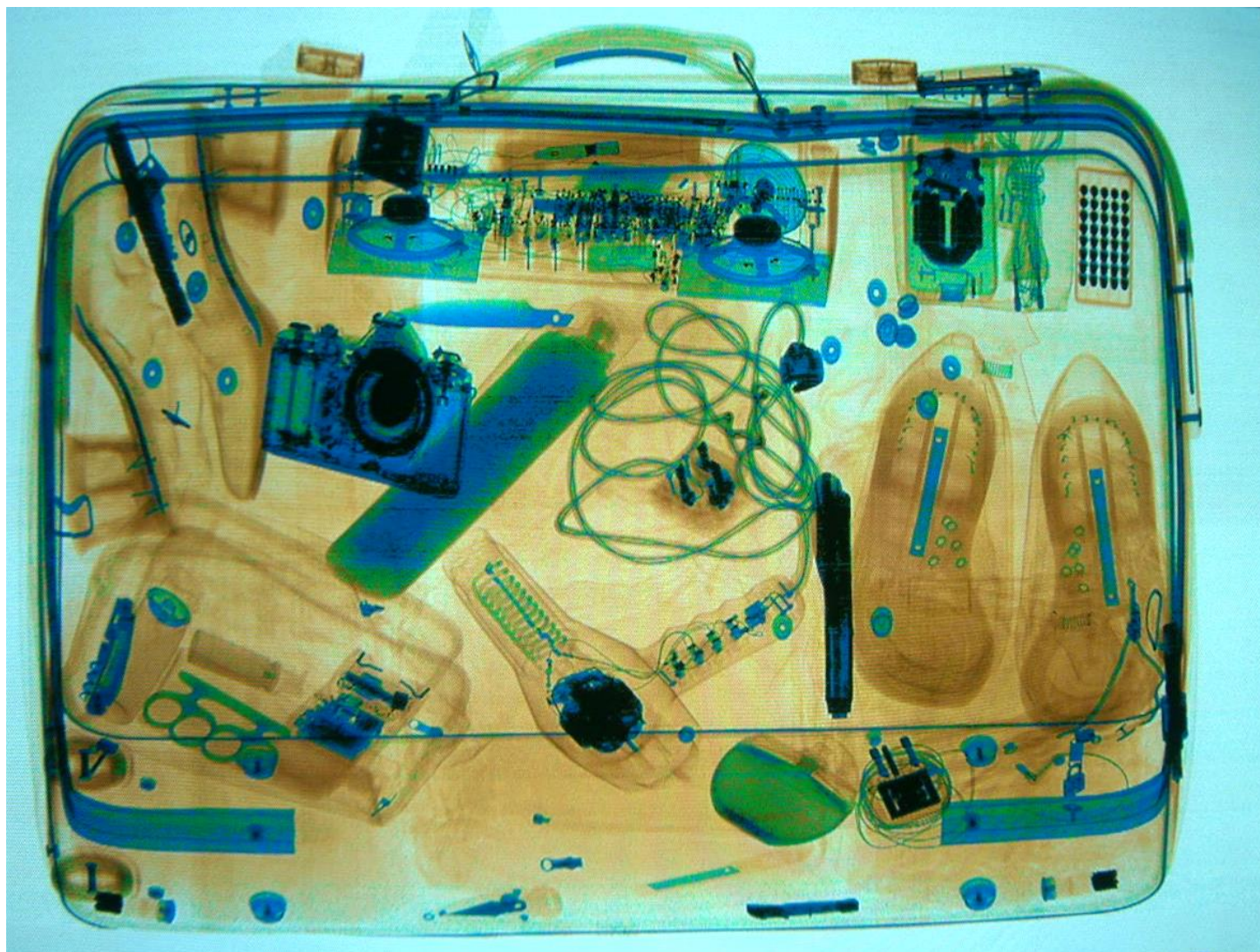


# What can you see?





Department for Transport **Threat images**





- ▶ Nature of the threat has changed significantly.
- ▶ Maximise the use of new and existing technologies.
- ▶ We need to ensure that global aviation standards meet basic requirements and are applied consistently and competently.
- ▶ We need to be agile in our response.