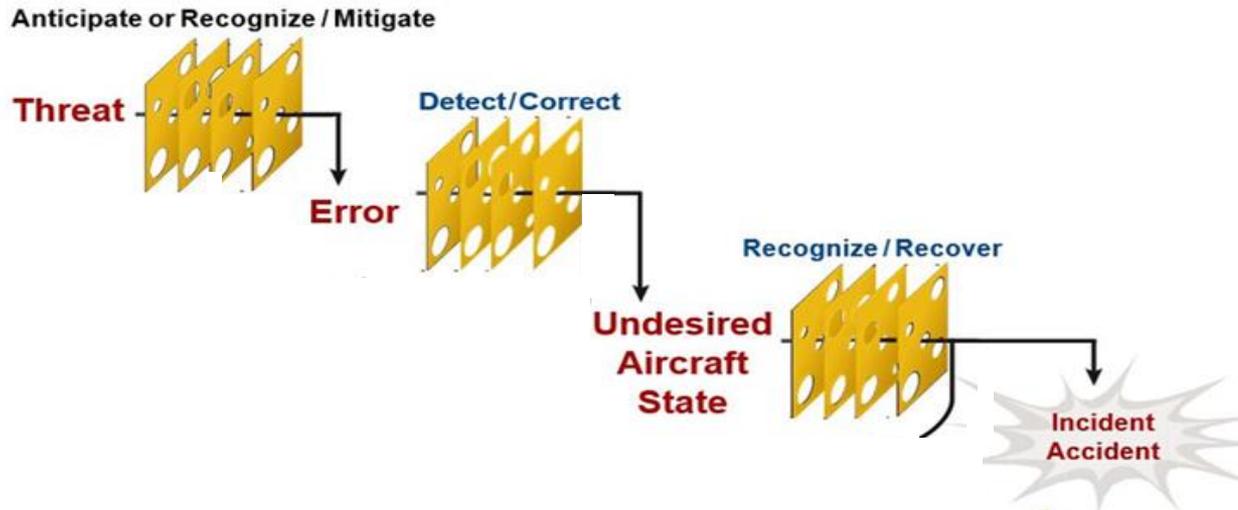


# Enhancing the EBT Data Report

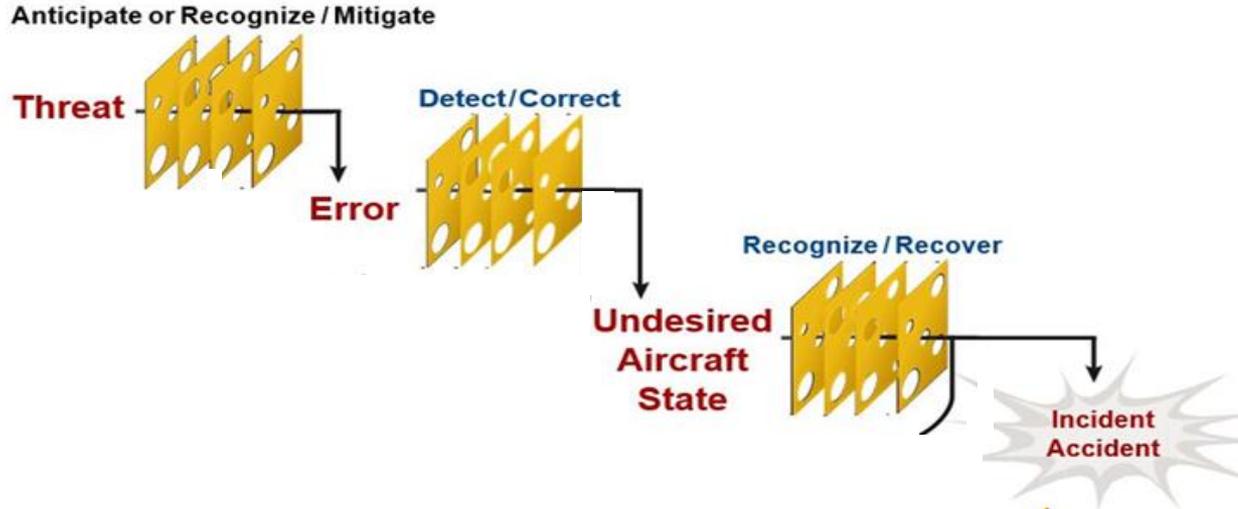
Captain Andy Mitchell, BEng FRAeS  
IATA Consultant



# The Past

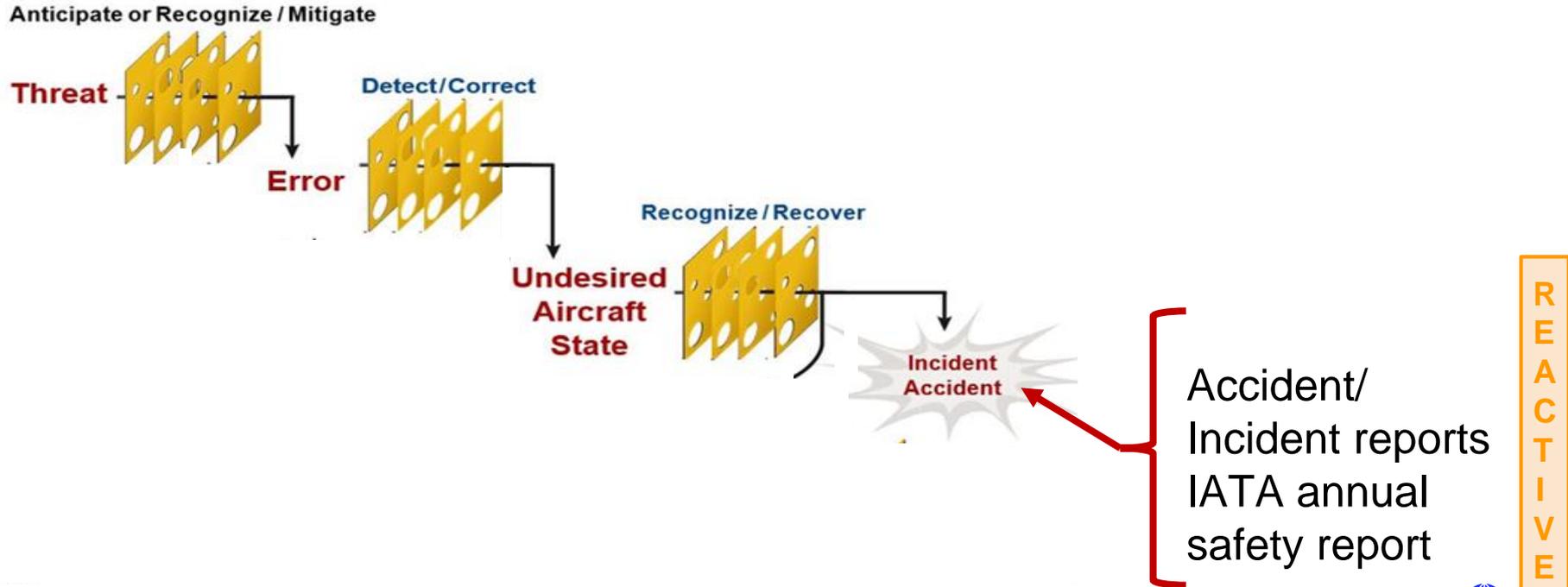


# The Past

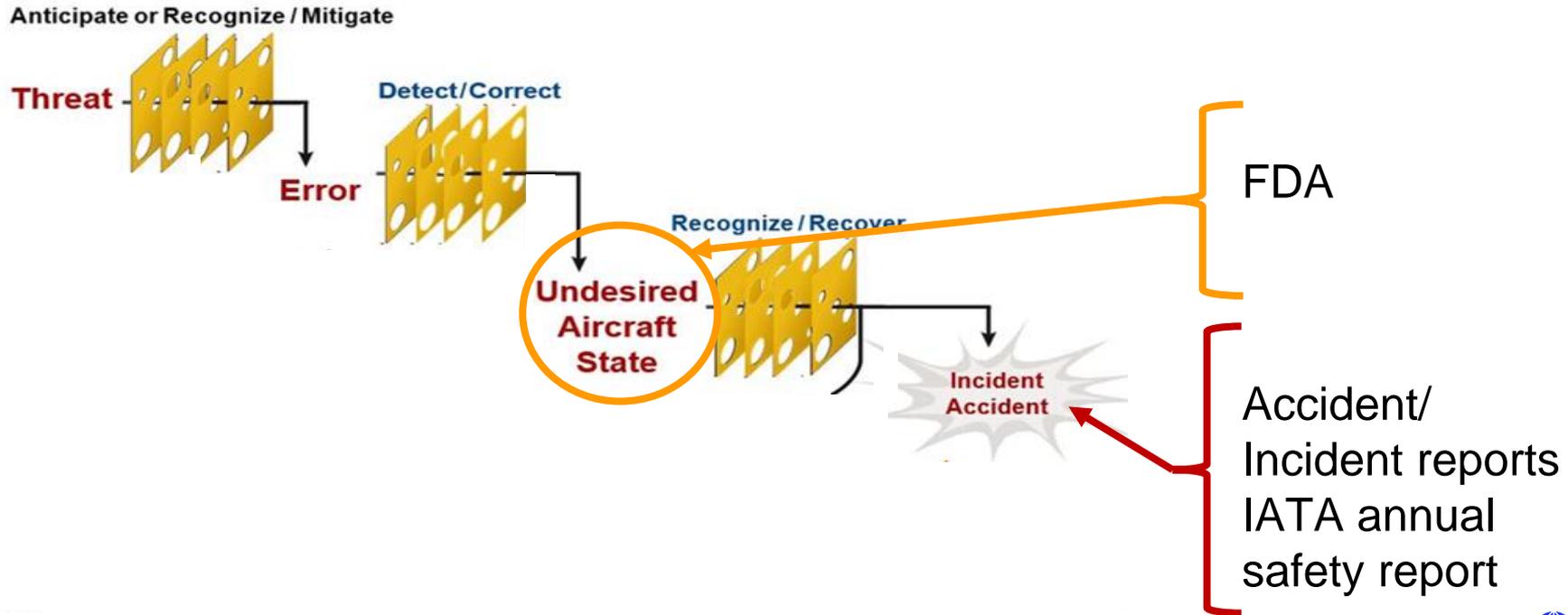


S  
T  
A  
T  
I  
C

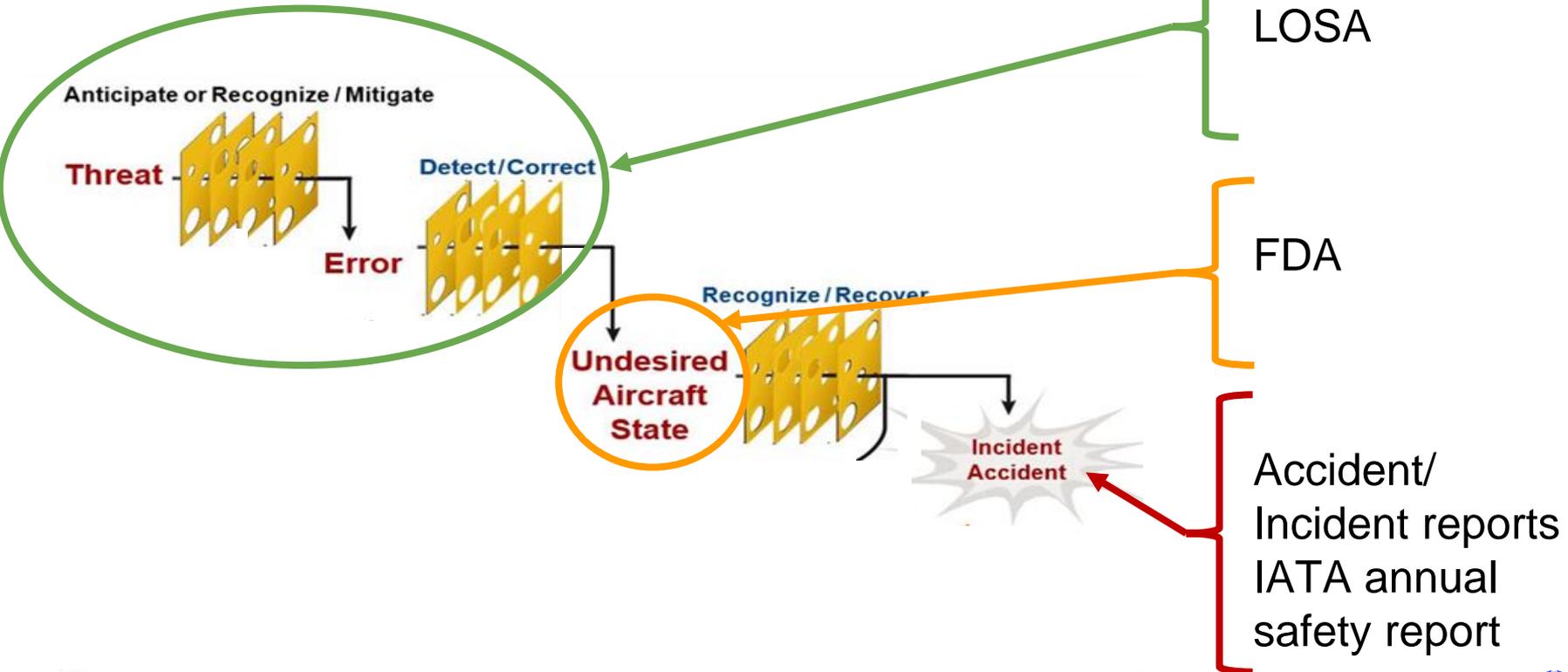
# Present - Outer loop (Safety Data)



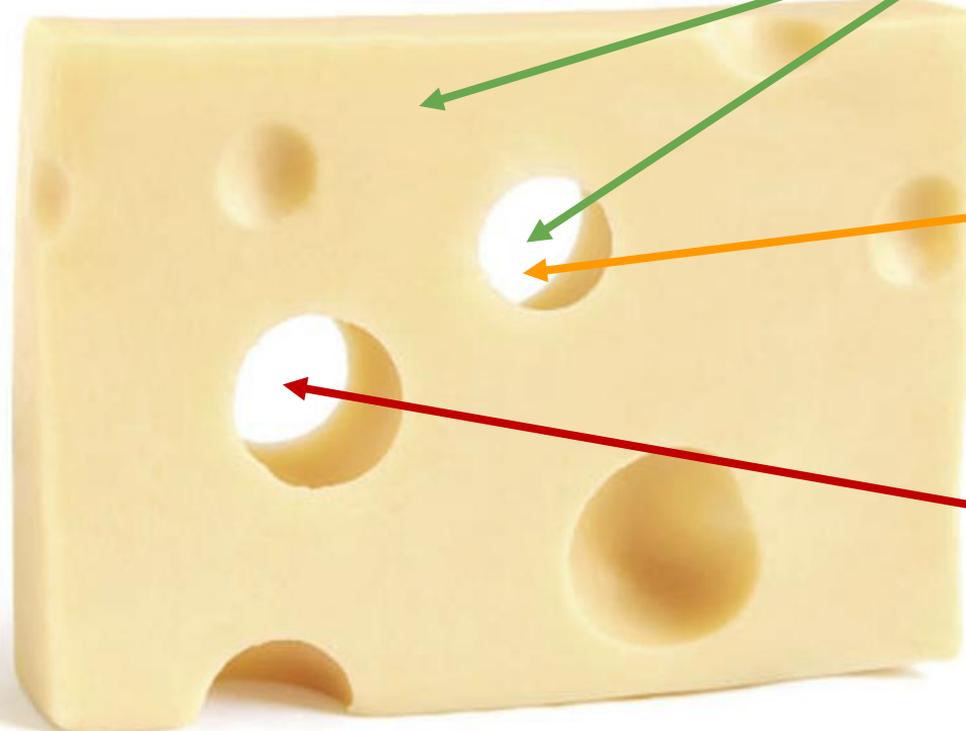
# Present - Outer loop (Safety Data)



# Present - Outer loop (Safety Data)



# Competencies as Countermeasures



LOSA

FDA

Accident/  
Incident reports  
IATA annual  
safety report

P  
R  
O  
A  
C  
T  
I  
V  
E

R  
E  
A  
C  
T  
I  
V  
E



# “Generation 5” aircraft

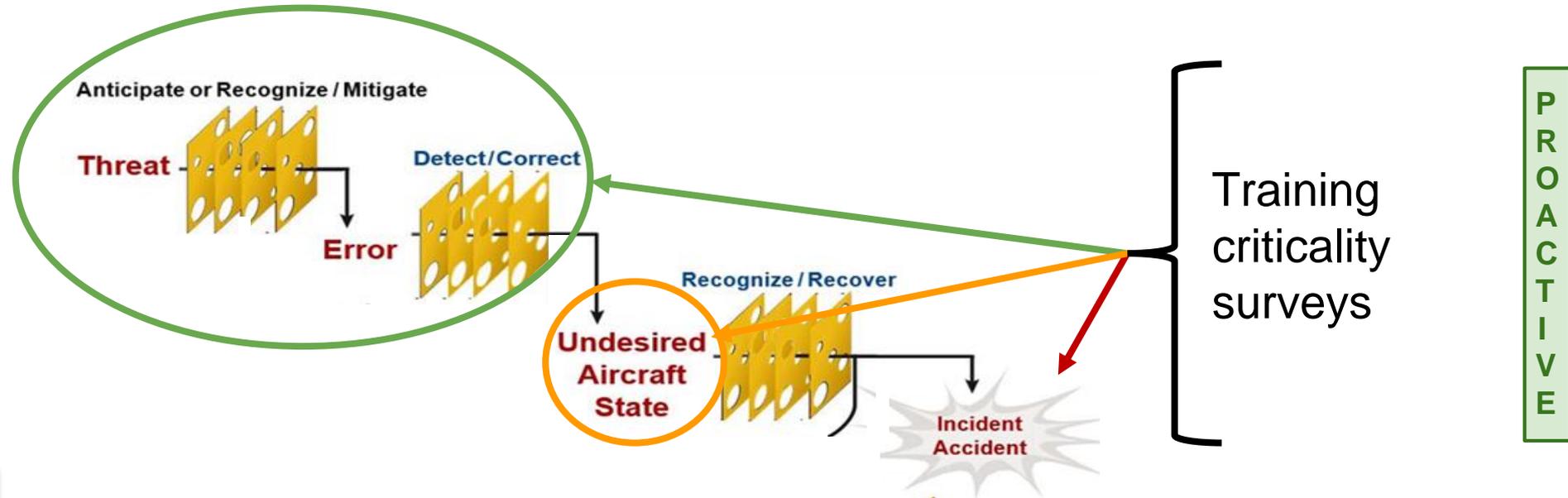


# What is EBT

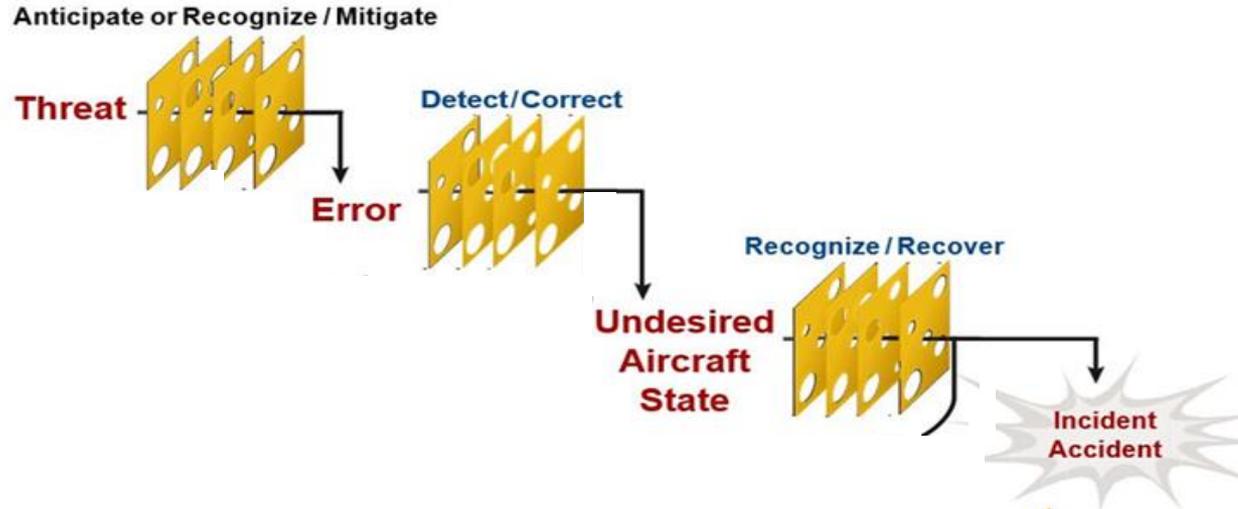
The aim of an EBT program is to identify, develop and evaluate the **competencies** required by pilots to **operate safely**, effectively and efficiently in a commercial air transport environment, by managing the **most relevant threats and errors**, based on evidence collected in operations and training.



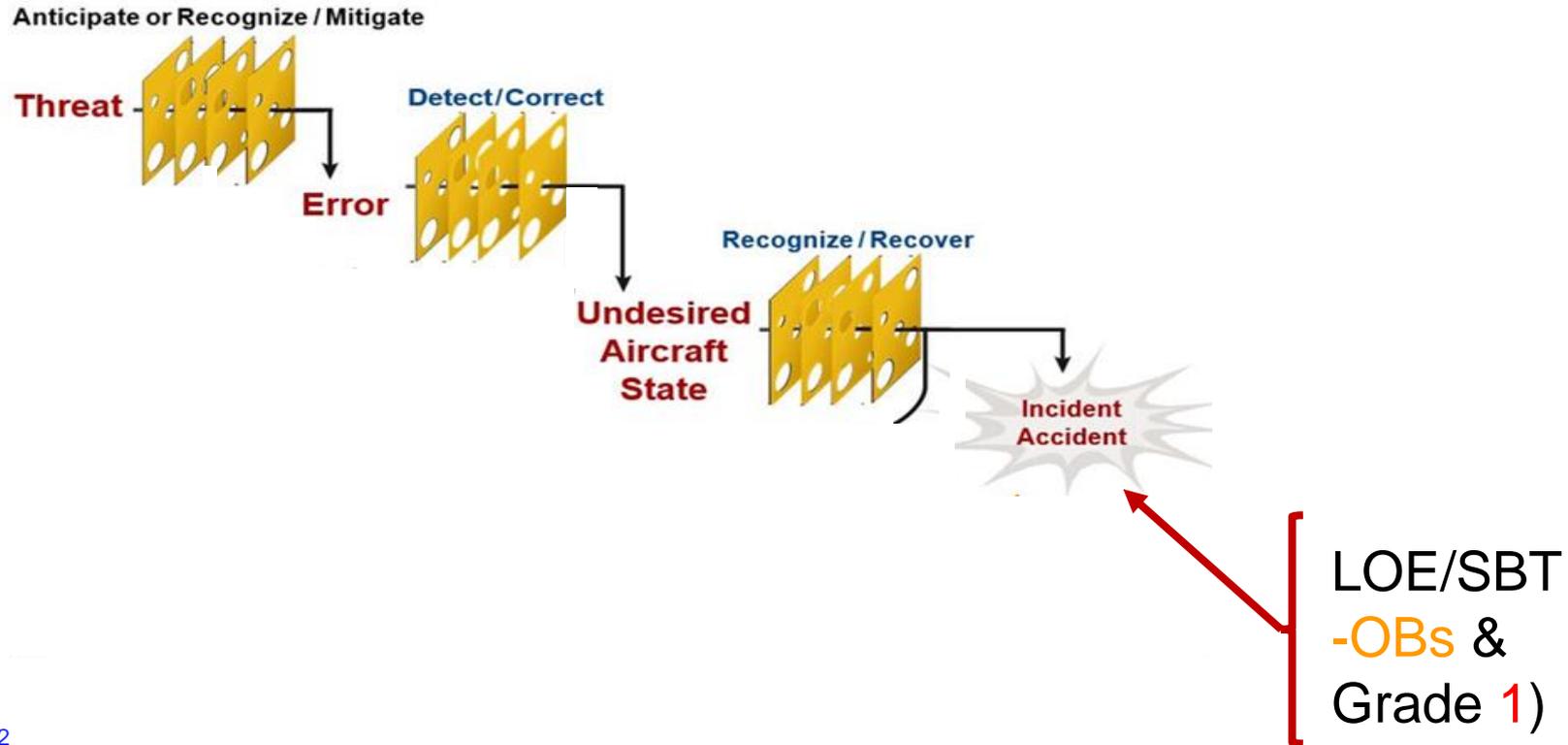
# Present - Outer loop (Training Data)



# Future - Inner loop (Training Data)

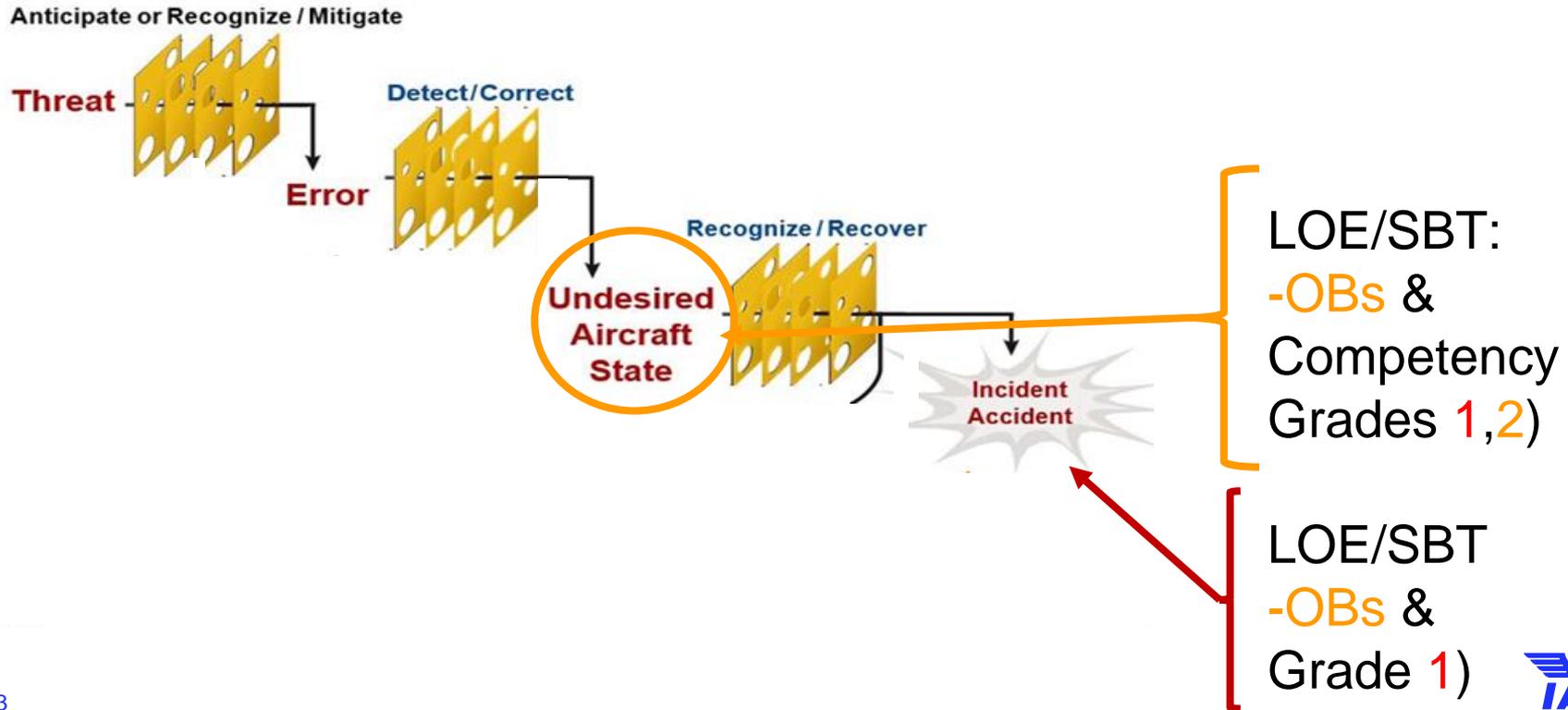


# Future - Inner loop (Training Data)

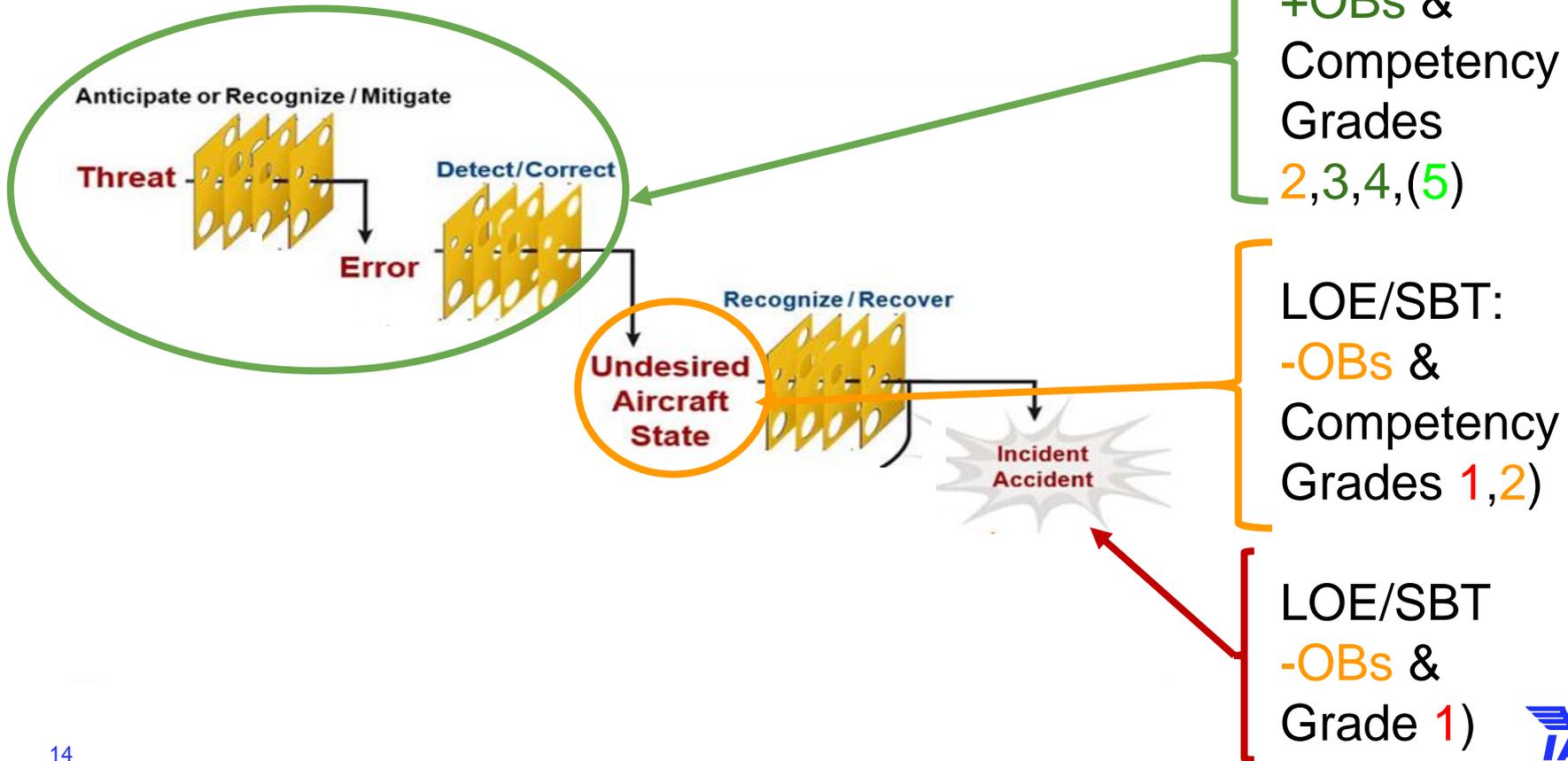


P  
R  
E  
D  
I  
C  
T  
I  
V  
E

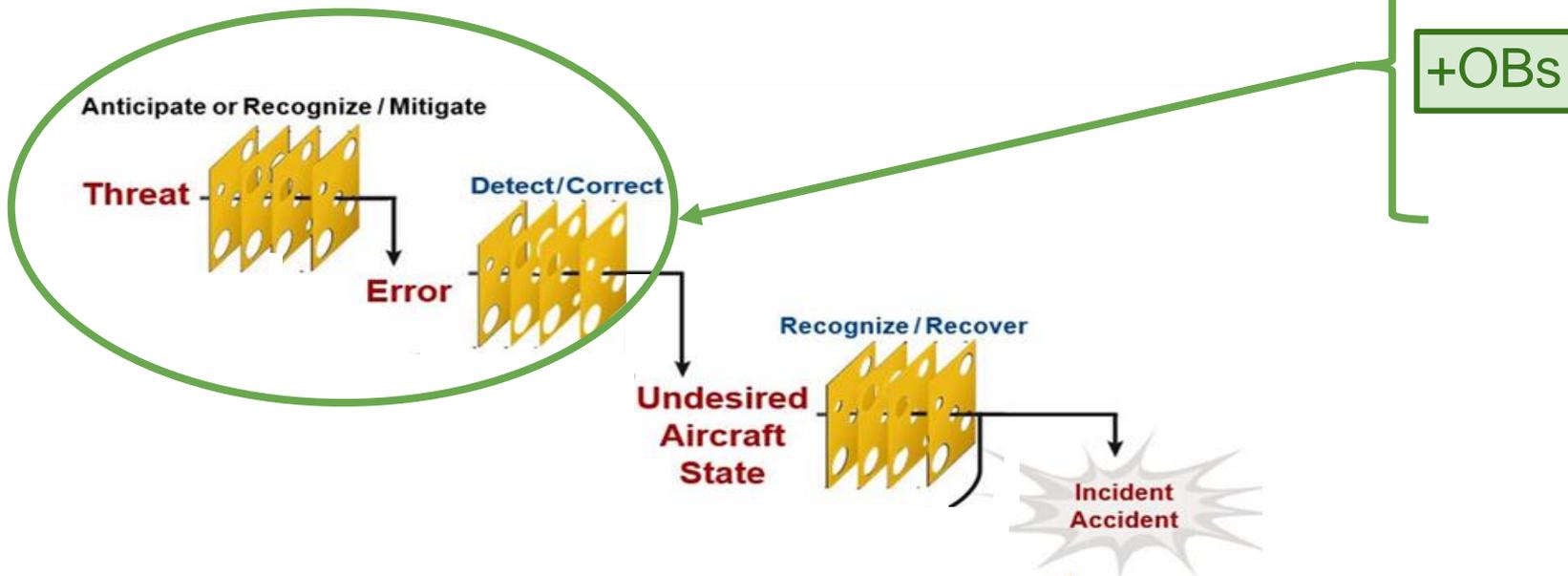
# Future - Inner loop (Training Data)



# Future - Inner loop (Training Data)



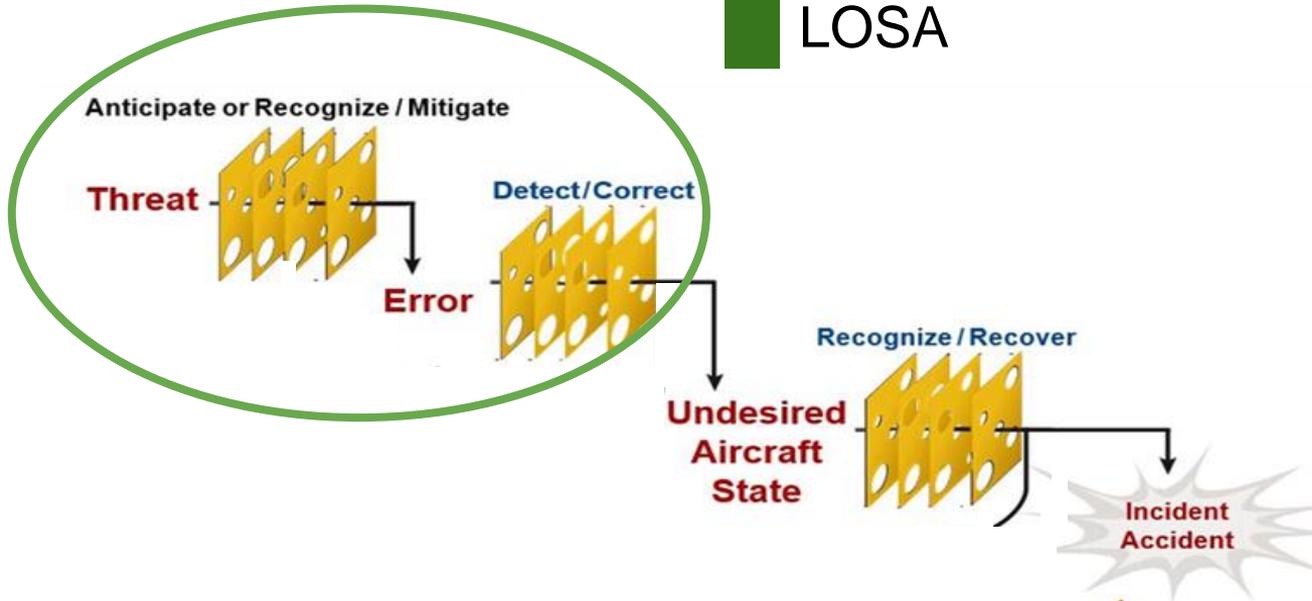
# Future - learning from the positive



P  
R  
E  
D  
I  
C  
T  
I  
V  
E

# Future - learning from the positive

## ■ LOSA



# Future - learning from the positive

LOSA

LOE/SBT

Anticipate or Recognize / Mitigate

Threat

Detect/Correct

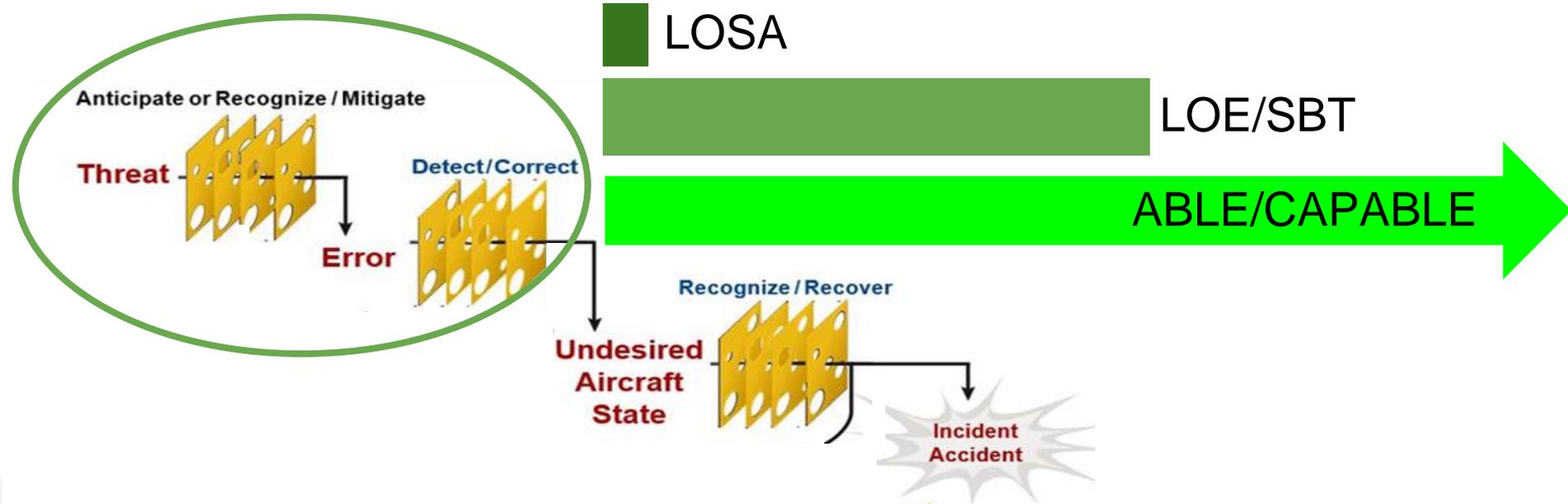
Error

Recognize / Recover

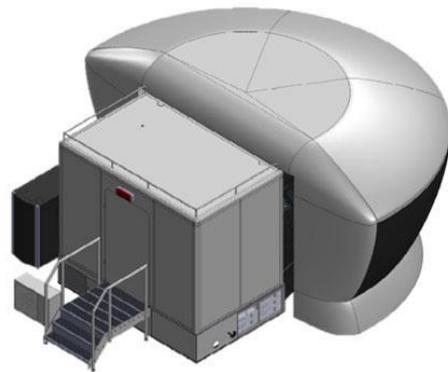
Undesired  
Aircraft  
State

Incident  
Accident

# Future - learning from the positive



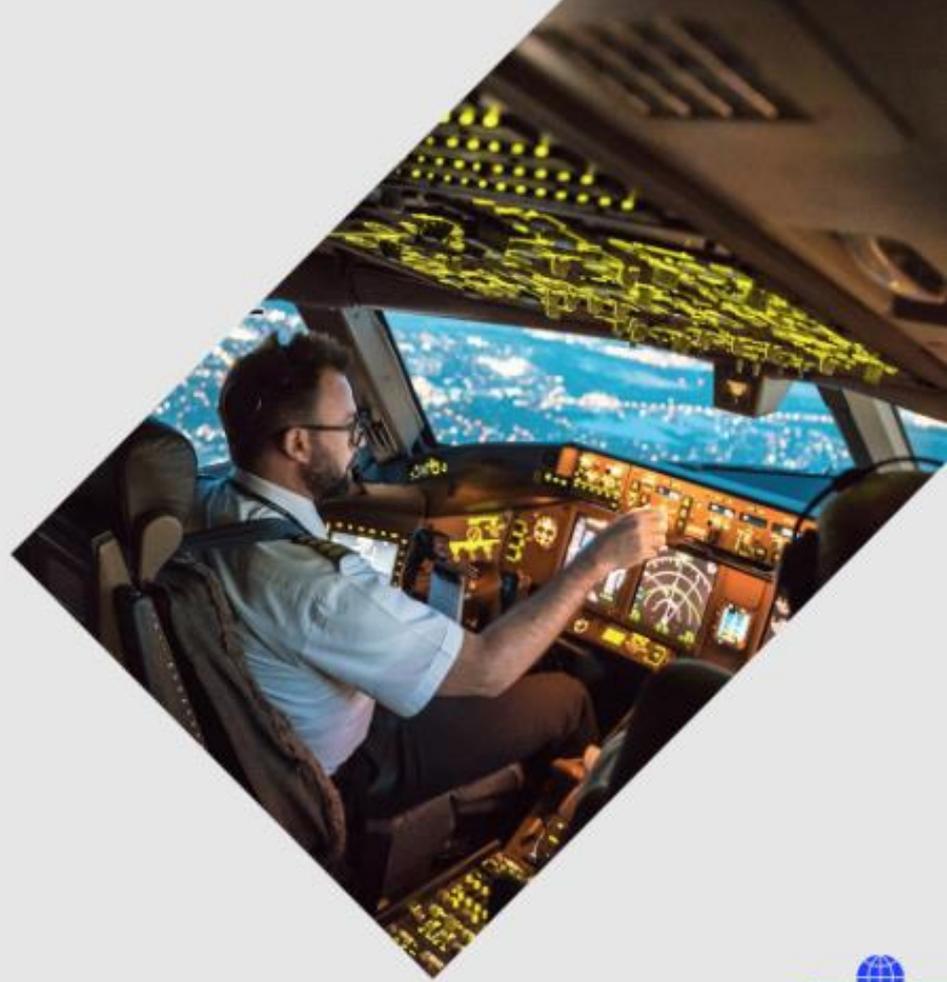
# ABLE/CAPABLE data streams



# Next steps

IATA Training Data Workshop  
*24<sup>th</sup> - 25<sup>th</sup> September 2019*

- Evaluate what data is collected today
- Assess suitability for EBT data report update
- Propose enhancement to training matrix
- Propose best practices in regard of inner-loop training data collection



Thank you

