

# **Flight Data Monitoring Conference Monitoring Operational Safety Issues**

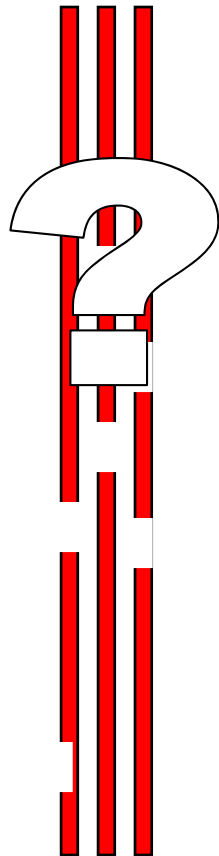
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***European FDM Conference – Cologne 12 January 2012  
Capt. Bertrand de Courville  
ECAST Co-Chair***

## Accident and Defenses

**Operations**

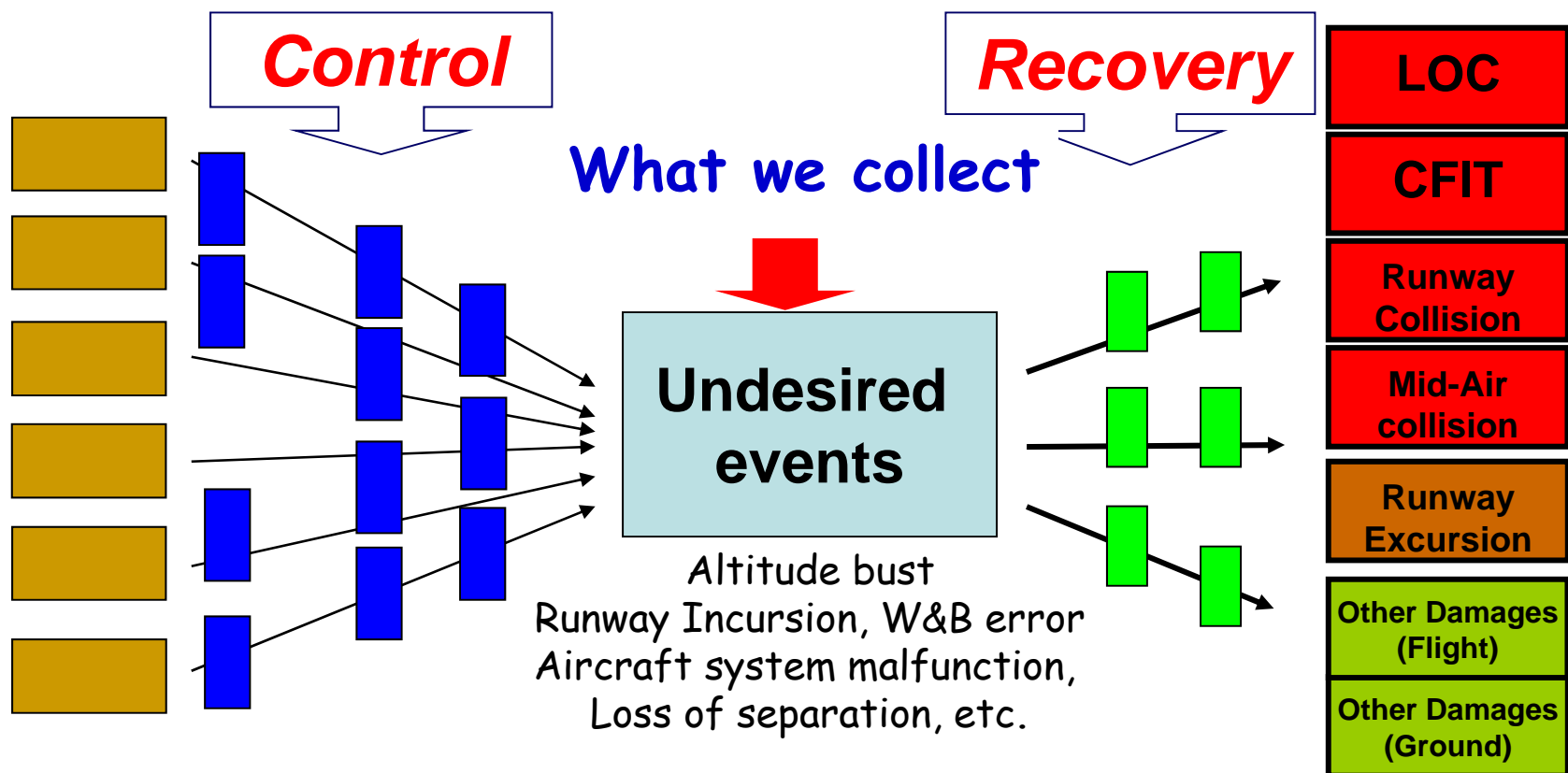


## Accidents

- Loss of control
- CFIT
- Mid air collision
- Runway collision
- Runway excursion
- Other damages/injuries (Flight)
- Other damages/injuries (Ground)

**What we manage**

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## Airline Safety Management

Importance of having a shared “safety model”

### ❑ Safety Model

*Accident = “loss of control”*

### ❑ Undesirable events (UE)

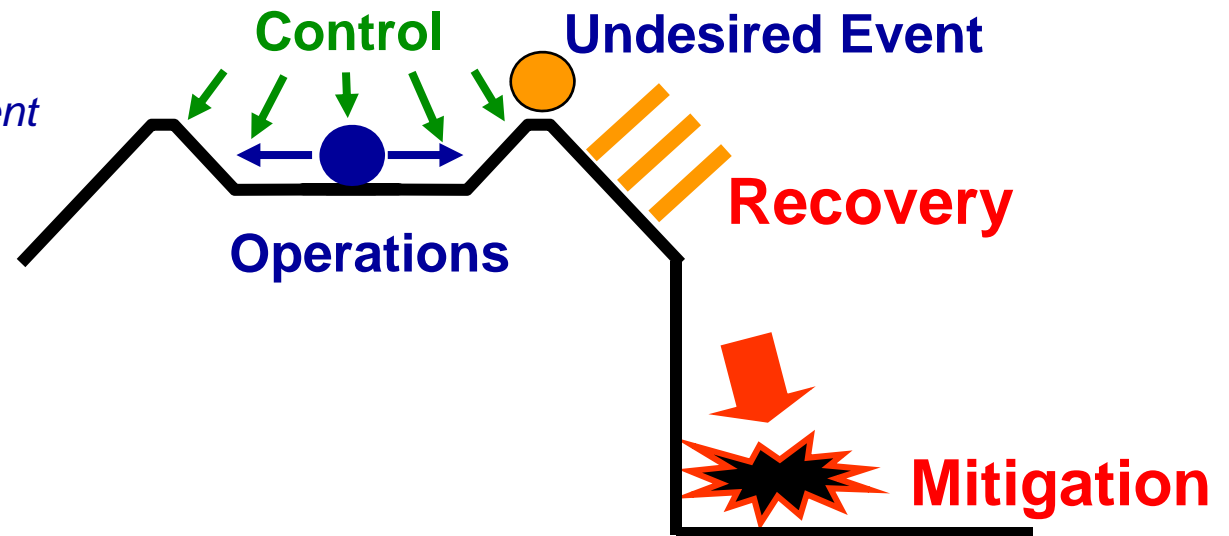
*Points where the “control of the situation is lost”*

### ❑ Safety Principles

*Any action contributing to prevent or recover a “loss of control” or minimizing damage*

### ❑ Three key safety functions

- ✓ Control
- ✓ Recovery
- ✓ Mitigation



## Canaux de retour complémentaires

