Flight Data Management
Aviation main objectives

1st Safety
2nd Safety
3rd Safety
4th ... Efficiency

Means

On ground
  · Accident investigation
  · SMS

Cockpit management
Safety Management System

Performance Indicators (DATA)

- FDM (Flight Data Monitoring)
- Reports
- Audits

Picture of the situation

Definition of

- Improvement objectives
- Means for improvement
- Measuring tools

Continuous monitoring

What can’t be measured, can’t be managed
Cockpit / Data management

Data management

· Map / EAD
· Met / Data records
· Notam / Data filter

Qualities

· Access
  Easy
  Intuitive
  Friendly
· Shared information between modules
· Improves safety and efficiency
MAMI Tropical Cyclone Advisory Center

MATTHEW

06 oct 09:00 UTC

Position  N2412 W07706
Max wind  110KT
Mov       NW at 10KT
Pressure  0944 mbar

FORECAST +6 HR +12 HR +18 HR +24 HR
Position  N2504 W07758 N2555 W07846 N2646 W07931 N2739 W08006
Max wind

RMK
THE FORECAST POSITION INFORMATION IS INTERPOLATED FROM
OFFICIAL FORECAST DATA VALID AT 0000...
0600...1200...AND 1800Z.

Next info  06 oct 15:00 UTC
EEUU - NTSB

Accident investigation (Aviation + Railway + Marine + Highways + Pipelines)
  · Cross Learning

I hope I’ve shown the utility of data management to aviation

I hope you’ve liked the initiative for cockpit management

Thanks to UIC for giving me the opportunity to explain aspects of aviation that I hope are useful to railway