



# Global Reporting Format A new Concept

to report Runway Surface Condition

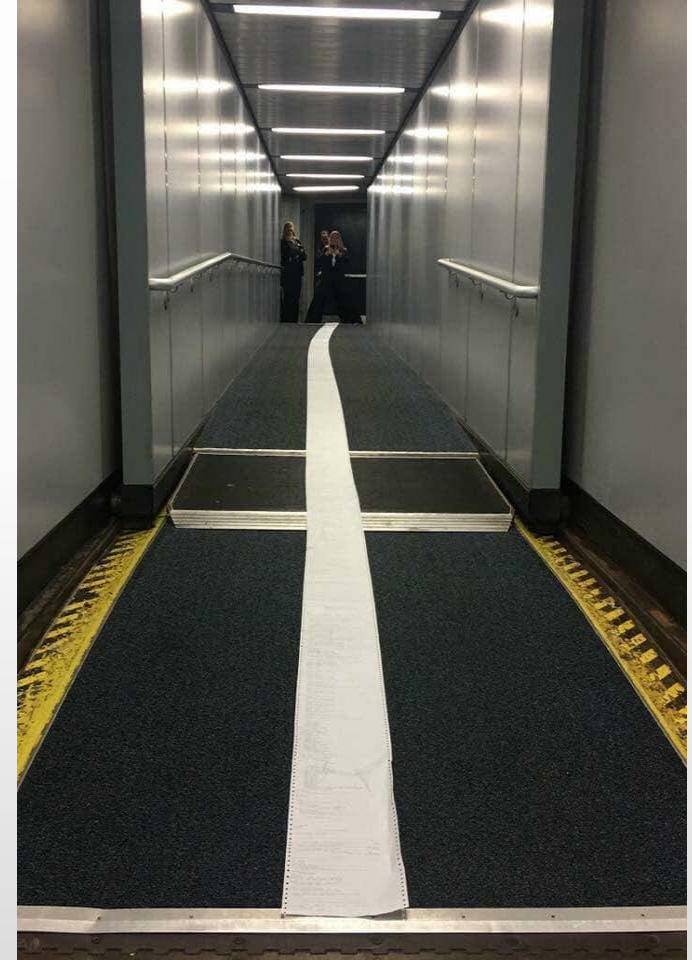
# Runway Excursions

- High safety risk category.
- Multiple causes.
- Weather is a factor in almost 50% of Runway Excursions.



# Challenges

- Inadequate aircraft performance data.
- Huge NOTAM files.
- Reporting standards.
- Increasing information flow and workload.





# Benefits for pilots - the end users

RCR 0393 EFHK 03260455

04R 5/5/3 100/100/100 02/03/05

**WET/ SLUSH/WET SNOW OVER COMPACTED SNOW**

LOOSE SAND. TWY Z POOR. APRON POOR



# Benefits for pilots - the end users

DEPTH

RCR 0393 EFHK 03260455 04R

5/5/3 100/100/100 02/03/05

WET/ SLUSH/WET SNOW OVER COMPACTED SNOW

TWY Z POOR. APRON POOR

# Benefits for pilots - the end users

RCR 0394 CYUL 03261155

06R **5/5/3** 100/100/100 02/03/05

WET/ SLUSH/WET SNOW OVER COMPACTED SNOW

CHEMICAL TREATMENT ON THE RUNWAY



# Benefits for pilots - the end users

- Situational Awareness
  - Drifting snow.
  - Loose sand.
  - Chemical treatment.
  - Snowbanks.
  - Taxiway conditions.
  - Apron conditions.



# Timeliness Reporting

- Accurate information is made available in a timely manner.
- RCR/RWYCC dissemination should apply for all AIS-stakeholders.



# Roles and Responsibilities

- Policies, methods and parameters.
- Differences may lead to confusions.
- Speak the same “language”.
- Training is imperative.

**Leaflet is not enough  
Training required**

# Roles and Responsibilities

- Important key players in the safety chain are:
  - The person on the ground.
  - The pilot.
  - Aeronautical Information Services and Air Traffic Control.



# GRF Concept

## Common Rules

- ✈ For all Airports
- ✈ For all Manufacturers
- ✈ For all Operators

## Performance to match Reported Conditions

- ✈ Std RWY condition assessment
- ✈ Allow Performance determination

## Shared Operational Landing Perf. Computation

- ✈ Realistic Air Distance
- ✈ Representative Friction
- ✈ All Physical effects considered

# Harmonized Implementation Benefits

- Safer aerodromes.
- Minimises risks.



**IFALPA wishes...**



V1...Rotate

**Willingness for a global GRF change**

GRF RULES OK