

1. General

Background

- FAA TALPA ARC Recommendations
- ICAO, ICAO Friction Task Force (FTF)
- SARPs (Annex 14, 15), PANS-Aerodromes (Doc 9981), ICAO Circular 355

'History of Friction'

- Accidents

EU regulatory framework

- Reg. (EU) 2020/2148 (amdt to Reg. (EU) 139/2014)
- Relevant EASA AMC/GM (EASA ED Decision 2021/003/R)

2. New reporting format - GRF Concept / RWYCC (Runway Condition Code), RCAM (Runway Condition Assessment Matrix)

GRF Methodology

- RWYCC concept
- Assessment methodology
- Assessment by runway thirds
- Contamination definitions
- RCAM concept and layout

3. Runway Condition Assessment

Assessment by eye and experience

Reliability of assessment

- Consistency
- Accuracy

Runway length and width to be considered

Downgrade and upgrade criteria

- Use of Pilot reports (AIREP) for RWYCC assessment purposes

Hazardous conditions related to runway surface condition assessment

- Types of errors, consequences and safety margin

4. Runway Condition Reporting

Type of runway contaminants for reporting purposes;

Completion of/initiation procedures for RCR;

- Aeroplane performance section
- Situational awareness section

Timeliness of information

- Significant changes requiring new RCR

Landing and take-off considerations

'Rules' applicable to Reporting

Hazardous conditions related to runway surface condition reporting

- Types of errors, consequences and safety margin

5. Reporting to ATS / AIS

Reporting through ATS (voice, ATIS)

Reporting through AIS (SNOWTAM)

Coordination with ATC for:

- runway entry;
- time of assessment;
- dissemination of results.

6. Maintenance of 'slippery wet runway'

Trend monitoring

- Issuance of 'slippery wet runway' NOTAM
- Issuance of RCR

7. Documents and Records

As per Aerodrome Manual relevant procedures

8. Additional items

Additional content of GRF training syllabus for aerodrome operator's personnel:

- operation of 'runway condition assessment equipment' in use at the aerodrome
- use of runway friction measurement devices
 - assessment of runway surface friction characteristics
 - calibration and maintenance of runway friction measuring device
 - awareness of uncertainties related to friction measurements