**Exercices**

Generate a RCR for the following cases. Specify the means of communication of the RCR. Explain how the ATC should communicate the RCR to pilots from each threshold.

**Case 1**

* Diass Blaise Diagne International Airport (GOBD), Dakar, Senegal, Runway 01/19
* 23 July 2018 at 11:33 AM UTC
* A thunderstorm is passing and significant rain is falling on the airport and surrounding region
* The runway is completely covered with a layer of water that is approximately I cm in depth
* The outside air temperature is 26°C

**Case 2**

* Runway 04/22 at Roberts International Airport (GLRB), Monrovia, Liberia
* 17 June 2019 at 04:15 PM UTC
* A significant rain has fallen on the airport and surrounding region
* The first runway third of the runway has 33% coverage of water up to 3 mm
* The second runway third has of the runway has 20% of water up to 3 mm
* The last third has of the runway has 50% of water up to 3 mm

**Case 3**

* Runway 03/21 at Leon-Mba International Airport (FOOL), Libreville, Gabon
* 04 October 2018 at 10:20 AM UTC
* The runway is covered by rubber deposits
* It has rained recently. The runway is still covered with visible dampness 3 mm deep
* Out of experience the runway inspector knows that the places where landing aircraft touch ground are slippery in such conditions

**Case 4**

* Runway 06/24 at Ndjili International Airport (FZAA), Kinshasa, D. R. of Congo
* 18 April 2019 at 09:20 PM UTC
* A rain has fallen on the airport and surrounding region
* The first runway third of the runway has 9% coverage of water up to 3 mm
* The second runway third has of the runway has 27% of water up to 3 mm
* The last third has of the runway has 15% of water up to 3 mm

**Case 5**

* Runway 03/21 at Kotoka International Airport (DGAA), Accra, Ghana
* A rain is falling on the airport and surrounding region
* The runway surface is covered by water up to 3 mm depth
* Declared distances



* Define the length of each runway third from the two thresholds and generate the RCR

**Case 6**

* Runway 03/21 at Kotoka International Airport (DGAA), Accra, Ghana
* A rain is still falling on the airport and surrounding region
* A pilot report to the ATC a runway braking action of MEDIUM TO POOR
* Which actions should be taken?
* A new assessment revealed that the first and last runway thirds are covered by 3 mm of water and the second runway third by 5mm of water
* Which action will be taken?