



SAFETY ALERT 2020-03
Issue 01
Date of Issue: 4th March 2020

SUBJECT:

RUNWAY VISUAL RANGE (RVR) MEASUREMENT

REFERENCE PUBLICATIONS:

CAR PART VIII, SUB-PART 7, 7.11 EQUIPMENT REQUIREMENTS - RVR

BACKGROUND:

During recent incident, the GCAA has identified inaccurate understanding of the rules with regards to the measurement of RVR on runways intended for categories II and III instrument approach.

This safety alert is issued to remind service providers about the current requirements with respect to RVR measurement based on human observer or automated RVR measurement system.

RECOMMENDATIONS:

- (a) Meteorological service providers certified in accordance with CAR VIII subpart 7 should review their system to ensure compliance with paragraph 7.11 of CAR VIII subpart 7 mandating that:
- 1) at aerodromes with runways intended for Category II and III ILS operations, the RVR can only be measured by an automated equipment (i.e the use of human observer as a backup is not permitted);
 - 2) at aerodromes with runways intended for Category I ILS operations, the RVR can be measured using an automated equipment or human observers. When human observer measurement method is used, ICAO document 9328 should be used as guidance.
- (b) Air Traffic Services providers certified in accordance with CAR VIII subpart 4 should:
- 1) Take note of requirements contained in paragraph 7.11 of CAR VIII subpart 7. As reminded in paragraph (a) above, RVR measurement is the responsibility of MET service providers;
 - 2) Review their system to ensure that, when the automated RVR system becomes unserviceable, Category II and III ILS operations are downgraded and arriving traffic is notified, accordingly.

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