



NIGERIA CIVIL AVIATION AUTHORITY

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ALL OPERATORS LETTER (DGCA/024/24)

CIRCULAR REF NO: NCAA/DAAS/ARD/TECH/107/1/24/13

Date: 24th APRIL, 2024

To: ALL AERODROME OPERATORS (FAAN /OTHER OPERATORS)

From: NIGERIA CIVIL AVIATION AUTHORITY

Subject: IMPLEMENTATION OF ICAO REQUIREMENT FOR REPORTING AERODROME PAVEMENT STRENGTH USING AIRCRAFT CLASSIFICATION RATING - PAVEMENT CLASSIFICATION RATING (ACR – PCR) METHOD

BACKGROUND: Following the adoption of Amendment 15 to Annex 14 volume 1 on new ICAO provisions for reporting the strength of Aerodrome pavement intended to serve aircraft mass greater than 5700kg using ACR – PCR method effective as July, 2020. States were requested to start the implementation and training of technical staff in preparation for full implementation as of 28th November, 2024.

The objective of this new era in airport pavement asset management was to align the ACN-PCN methods with modern methods of pavement design which importance cannot be overemphasized in that it overcomes the identified limitations of the current ACN-PCN system and allows a full consideration of the latest evolutions in the field, provides several benefits to airport owners, optimizes usage of aerodrome pavements as well as improved pavement life predictability.

APPLICABILITY: This AOL is applicable to all Aerodrome Operators with aircraft ramp mass greater than 5,700kg to be in full compliance with the deadline of this ICAO provisions by November 28, 2024 applicability date.

ACTION REQUIRED: In readiness for the full implementation of the new ICAO requirement, all aerodrome operators are to ensure as follows:

1. Identify an airport focal point to coordinate local implementation activities

2. *Initiate the training process for airport staff*
3. *Conduct an airport-wide impact assessment of the change and identify actions to address the gaps*
4. *Develop procedures and means of compliance*
5. *Procedures are developed for ACR-PCR analysis to be performed*
6. *Carry out ACR-PCR analysis of all pavements in the movement area within the airport*
7. *Publish or coordinate the publication of the associated PCR values in the AIP*
8. *Continuous Improvement Initiatives Share and exchange best practices with other airports*
9. *Examine PCR values after any changes in pavement structure or significant changes in traffic composition*

Attached herewith, is the ICAO recommended steps for effective implementation of the ACR-PCR method with proposed timelines for Aerodrome Operators adoption and necessary action in compliance with the new ICAO requirements.

Please, ensure strict compliance to this directive.

Capt. Chris Najomo
Ag. Director General of Civil Aviation