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# Overview on an Amendment Proposal to PANS Aerodromes Doc 9981

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# Aerodrome Operational Procedures PANS- Aerodromes - Doc.9981

- The First Edition of the Procedures for Air Navigation Services-Aerodromes (PANS-Aerodromes) was issued in 2014.
- It contains material that provides for the suitable and harmonized application of aerodrome Standards and Recommended Practices (SARPs) and operational procedures found in Annex 14 - Aerodromes, Volume I - Aerodrome Design and Operations.
- An Amendment 1 to PANS –Aerodrome was incorporated in the Second Edition-2016 issued with applicability date of 10 November 2016





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# Main feature of proposed Amendment

## ➤ Taxiway Shoulder

- The widths of taxiway shoulders, protecting aeroplanes against jet blast erosion and foreign object damage (FOD) ingestion, are currently based on the location of outer engines, for 4-engined aeroplanes.
- The Aerodrome Reference Code Task Force (ARCTF) considers that they should be related to inner engines, which are closer to the ground.
- An analysis of the outer engines of 4-engined aeroplanes reveals that their height is such that the jet blast at engine idle or breakaway power touching the ground, has an acceptable velocity, thus the outer engine can extend beyond the shoulder edge, due to the outer engine height



## Proposed Amendment to PANS-Aerodromes

- [NLCB-ADC- PPT19- Att. A-Proposal for Amendment to PANS-Aerodromes Doc 9981.pdf](#)
- Detailed information on the proposed Amendment are contained at:

State Letter AN 4/1.1.57-17/44 dated 19 April 2017  
[NLCB-ADC- PPT16- Att. C-SL17-044e.pdf](#)





## Applicability Dates

- The proposed Amendment to PANS – Aerodromes 2<sup>st</sup> Edition is envisaged for applicability on 8 November 2018



# ICAO Seminar/Workshop on Aerodrome Operational Procedures PANS-Aerodromes

- MID States are invited to participate actively in the ICAO Seminar/Workshop on Aerodrome Operational Procedures PANS-Aerodromes to be held at the MID Regional Office (Cairo, Egypt, 8-9 November 2017).
- The objective of the Seminar/Workshop is to promote the operational procedures to be
- applied by aerodrome operators to ensure aerodrome operational safety particularly where full
- compliance with the SARPs in Annex 14, Volume I cannot be achieved.





# ICAO Seminar/Workshop on Aerodrome Operational Procedures PANS-Aerodromes Cont.

- The following subjects will be addressed:
  - general principles and procedures to be followed through all of the suggested stages of certifying an aerodrome operator;
  - methodologies and procedures to be followed when undertaking a safety assessment; and
  - methodology and procedures to assess the compatibility between aeroplane operations and aerodrome infrastructure.







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