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CHANGE IN MAGNETIC VARIATION AT LUDERITZ AIRPORT (FYLZ), INCREASED MINIMUM OBSTACLE CLEARANCE ALTITUDE (MOCA) AND THEIR IMPACT ON THE RNP APPROACHES

1. This AIC comes in force on 29 August 2025 and shall remain in force until it is cancelled or replaced, the expected date of cancellation will be in March 2026 once the information contained is incorporated into the AIP.
2. This AIC details some explanatory information on the changes in magnetic variation at Luderitz airport as well as the revised MOCA and their effect on the RNP Approaches at FYLZ.

Magnetic Variation

3. The current magnetic variation (2025) at FYLZ stand at 17.34°W, which, if added to the True North bearing of the runway 04 (016.88°), it will result into 034.22°, hence RWY 03. The opposite RWY will also change to 214.22° (RWY 21).
4. The above resultant change affects the RNP approach procedures, which were designed for RWY 04/22, however, since changing the RWY designation involves various stakeholders and amendment to all the charts associated with the airport, it is important that the aviation community is aware of these changes so that they can do necessary adjustments when flying into and out of FYLZ.
5. The RWY designator change project team will be established to ensure that the change is implemented with the new approach procedures, expected to be finalised by December 2025 and to be published in January 2026 for incorporation into the AIP by March 2026 amendment.

Change in Minimum Obstacle Clearance Altitude

6. A Wind farm project was approved to be established in the vicinity of the FYLZ airport, and an aeronautical study was conducted on the Wind Turbine Generator's (WTG) impact on the RNP approach procedures. The study concluded that although there is no operational impact on the RNP, one of the WTG affected the MOCA of the intermediate segment between Intermediate Fix (LZ04I) and the Final Approach Fix (LZ04F).
7. It is therefore required that the MOCA on FYLZ AD 2-9 between LZ04I and LZ04F be amended to read "not below 1800ft", this situation will be addressed by the review of these procedures, which is currently underway and expected to be finalised by December 2025 and to be incorporated into the AIP with March 2026 amendment.
8. A hand amendment NOTAM will also be issued regarding the change of MOCA and will remain in force until the review of the procedure is completed and information incorporated into the AIP.