IDM International Consultancy Ltd

IDM established in 2015 in Nairobi Kenya headed by Major Gen Charles Mwanzia "Ret" a Professional Senior Air Traffic Controller and Pilot who worked at JKIA before joining KAF. It is composed of Aviation Military and Civilian Professionals with long experience in both Kenya Civil Aviation Authority and Kenya Airforce. Successfully provided Board Directorship to KCAA and AMREF for Six and eight years respectively.

Mission Statement To provide world-class Air Traffic Management (ATM) and Air Traffic Control (ATC) consultancy services, ensuring the seamless integration of Performance-Based Navigation (PBN) and Area Navigation (RNAV) standards. We are dedicated to delivering precision-engineered flight procedures, including SIDs and STARs, that strictly adhere to the latest ICAO Standards and Recommended Practices (SARPs), thereby enhancing global airspace safety, efficiency, and environmental sustainability.

Vision Statement To be the global benchmark in aviation consultancy, empowering Air Navigation Service Providers (ANSPs) and airport operators to navigate the complexities of the NextGen environment. We envision a future where airspace design is optimized through advanced digital avionics and satellite-based navigation, fostering a safer, more resilient, and carbon-efficient global aviation network.

Strategic Objectives

- **Regulatory Compliance:** Ensure all airspace design and procedure development projects meet the rigorous requirements of ICAO Annexes and the Procedures for Air Navigation Services (PANS-ATM/PANS-AIM), maintaining full certification alignment.
- **Operational Excellence:** Utilize expert ATC/ATM planners and certified validators to design and verify RNAV/PBN procedures that maximize airspace capacity while minimizing fuel consumption and CO2 emissions.
- **Technical Integration:** Facilitate the transition to digital infrastructure by implementing advanced satellite navigation monitoring (ARAIM) and cyber-resilient data exchange protocols, ensuring compatibility with modern Flight Management Systems (FMS).
- **Professional Development:** Maintain a team of ICAO-certified specialists capable of navigating the dynamic intersection of aircraft capabilities, operational approvals, and international flight planning requirements.

  By focusing on the intersection of operations, regulation, and technology, a consultancy can effectively guide operators through the transition toward NextGen environments, ensuring that flight planning and navigation capabilities are fully aligned with approved operational specifications. We have professional planners and designers with ICAO certifications.

IDM has a pool of Professionals including former KCAA, Senior Managers, Directors, ATC/ANS Professionals, PBN, RNAV, SIDs/STARs, Airspace Masterplan planners and Validators with ICAO Certifications

In keeping up with developing modern Aviation trends

Our Team participated as a Team in ICAO Global Trends and Their Impact on Air Transport held in ICAO Hqs, Montreal Canada, om 26 March 2016.

Participated in ICAO Global Aviation Security Symposium 2017 (AVSEC2017) 12-16 Sept 2017 Montreal, Canada

Participated in 2019 ICAO Environmental Symposium, 14-16 May 2019,Montreal Canada

Participated on [30 May - 2 June 2023] for the ICAO Global Implementation Support Symposium taking place in Seoul, Republic of Korea.

Participated in ICAO Air Navigation World 2023 – Shaping the Skies of Tomorrow28-31 August 2023 Montreal , Canada

Participated in The ICAO Facilitation Conference 2025 held from April 14 to 17, 2025, in Doha, Qatar.