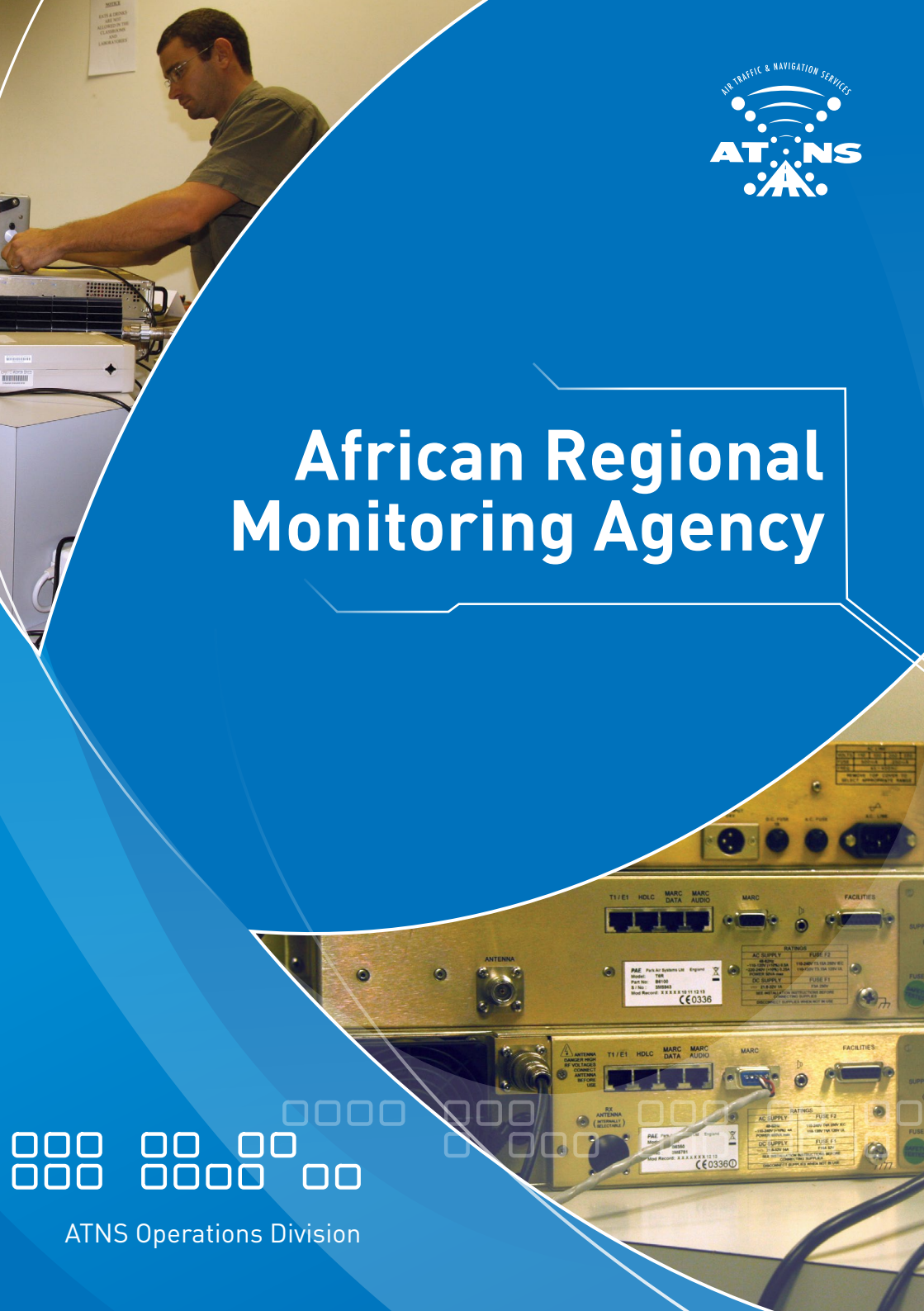


African Regional Monitoring Agency



ATNS Operations Division





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ABOUT ATNS

Air Traffic and Navigation Services SOC Limited (ATNS) provides air traffic, navigation, training and associated services within South Africa. ATNS is responsible for Air Traffic Control throughout **South Africa** and a large part of the **Southern Indian** and **Atlantic Ocean**, comprising approximately **10% of the world's airspace**. ATNS operates from 9 ACSA and 12 other aerodromes. As a **globally competitive employer of choice**, ATNS is committed to diversity and has achieved ranking within the **top ten companies** in South Africa with regards to female representation at executive levels.

Our vision

To be the **preferred supplier** of Air Traffic Management solutions and associated services to the African Continent and selected international markets.

Our mission

To provide **safe, expeditious** and **efficient** Air Traffic Management solutions and associated services.

Our services extend beyond Air Traffic Control services into the provision of **vitaly important aeronautical information** used for all flight planning purposes as well as search and rescue coordination activities, and the maintenance of a reliable navigation infrastructure.



WHAT IS THE AFRICAN REGIONAL MONITORING AGENCY (ARMA)?

The ARMA **monitors, supports** and **maintains** the African Indian Ocean Region (AFI) Reduced Vertical Separation Minimum (RVSM) system in accordance with the ICAO Standards and Recommended Practices, with the aim of **enhancing safety** within the RVSM stratum. In the context of RVSM, 'safety' has a **quantitative** meaning which is **assessed** at annual intervals to determine if the agreed to Target Level of Safety (TLS) is achieved. If the TLS is not achieved, ARMA propose **relevant remedial actions**.





ATNS'S ROLE IN ARMA

ATNS provides the **resources, facilities** and **financial support** in hosting the ARMA for the AFI region on behalf of ICAO, in order to achieve the **Key Performance Areas** mentioned below. These are overseen by the ICAO African Planning and Implementation Regional Group structures.

Key Performance Areas:

- Maintaining databases of AFI RVSM approvals and height monitoring records
- Monitoring aircraft height-keeping performance and the occurrence of Large Height Deviations, and appropriately reporting the results
- Conducting safety assessments and reporting the results appropriately
- Monitoring operator compliance with State approval requirements
- Initiating remedial actions where RVSM requirements are not met

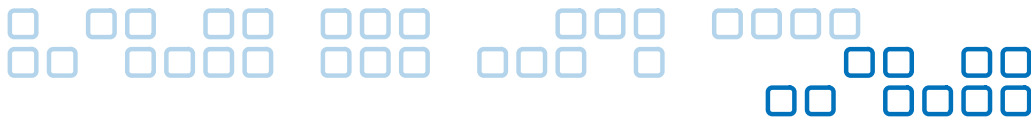
ARMA'S ROLE IN AFI RVSM SAFETY

ARMA is responsible for AFI RVSM system **safety monitoring**, with safety being **intrinsically embedded** into the agency's character. ARMA must at all times possess an **in-depth working knowledge** and **understanding** of the monitored AFI RVSM airspace, the aircraft operating in that airspace, and the capabilities of the ANSPs providing the Air Traffic Management services. Together with this, the staff at ARMA should have a **specialised knowledge** of the RVSM system. ARMA is **constantly kept abreast** of RVSM developments through exposure to the regional and global environment.

OTHER SERVICES OFFERED BY ATNS

- Aeronautical Information Services
- Airspace Design
- Billing and Collections Management
- Central Airspace Management Services
- Education and Training
- Engineering and Technical Services
- File2Fly
- Flight Procedure Design and Cartography
- Maintenance Management System
- NAFISAT and SADC VSAT
- Safety and Regulation Assurance
- Upper Airspace Service Provision
- Risk, Security and Quality Compliance Services
- WGS-84 Surveying and Obstacle Evaluation





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