

**This service is available
to both:**



Airport operators



Developers
(Construction Companies)



Airlines



Air Navigations
Service Providers



Other
institutions



Regulators



**Building the future
of aviation together**



Our Vision:

To be the air navigation service provider
of choice.

Our Mission:

To provide safe, efficient and cost effective air
navigation and consultancy services.

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**AIRSPACE AND FLIGHT
PROCEDURE DESIGN**

Global Air Navigation Services

Global Air Navigation Services (GANS) is a limited liability company based in Abu Dhabi, UAE. Since its establishment in 2007, it has specialized in providing a wide range of technical services related to the field of air navigation. GANS is active in both the civil and government sectors and is the only private sector air navigation services provider in the region certified by the UAE's General Civil Aviation Authority.



GANS is responsible for over 740,000 annual air traffic movements!

Therefore, we recognise it is of utmost importance that air traffic management systems are adequate and effective. We offer a full array of services in relation to air traffic management that will ensure airport operators run their day to day operations in a smooth and expeditious manner.


Airspace and flight procedure design



GANS provides Airspace Design, Instrument Flight Procedure Design and Cartography services for clients. This service is in accordance with ICAO Standards and Recommended Practices(SARPs) and National Civil Aviation Regulations (CARs).

Airspace and instrument flight procedure design









-  Instrument Approaches (Conventional & RNP)
-  Standard Instrument Departure (SID)
-  Standard Terminal Arrival (STAR)
-  ATS Routes (Enroute network)
-  Airspace Design and Sectorization

The goal of these services is to deliver optimum airspace utilization that meets the increased traffic demands. These services enhance safety, improve efficiency, whilst providing flexible routing using the latest technologies to satisfy the intended airspace concept.

Aeronautical Cartography



-  Procedural Charts
-  Non-Procedural Charts
-  Minimum Vectoring Altitude Charts
-  Area Grid Maps
-  ATS Route Charts
-  Various other Charts

The purpose of this service is to contribute to the safety, efficiency, and conformity of air navigation. The service provision includes regulated and custom-made aeronautical charts to support airspace design, flight procedure design, and airspace management.

Aerodrome & NAVAID Safeguarding



-  Aeronautical Studies
-  Safeguarding
-  Aircraft Warning Light Design
-  Critical Area Analysis for Navigational Aids
-  Obstacle Limitation Surfaces Analysis
-  eTOD - WGS-84 Survey
-  Reflectivity and Land-use compatibility study

This service ensures the safety of aircrafts in the vicinity of an aerodrome, thus protecting the airspace around the aerodrome to ensure the safety of air navigation.

