



Altitude Angel: Pioneering Safety, Compliance & Standardisation in Drone Operations

Altitude Angel stands at the forefront of aviation technology, specialising in Unified Traffic Management (UTM) solutions for airfields, airports and landowners.

GuardianUTM: A Comprehensive Approach

Our cutting-edge GuardianUTM platform is the foundation upon which our comprehensive suite of solutions is built, offering a 360° service to the UAS sector that includes drone operators, access managers and national ANSPs to ensure safe, compliant UAS operations in controlled and uncontrolled airspace.

The GuardianUTM platform consolidates real-time data to provide a holistic view of low-level airspace. This foundational layer facilitates the permissioning, management and situational awareness necessary for the secure integration of drones and eVTOL aircraft and is used by those managing airspace and land access, as well as national airspace authorities.

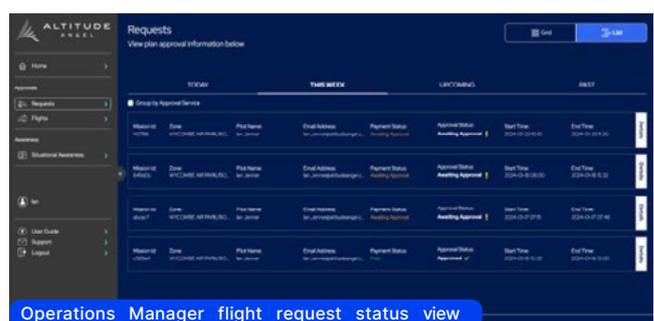
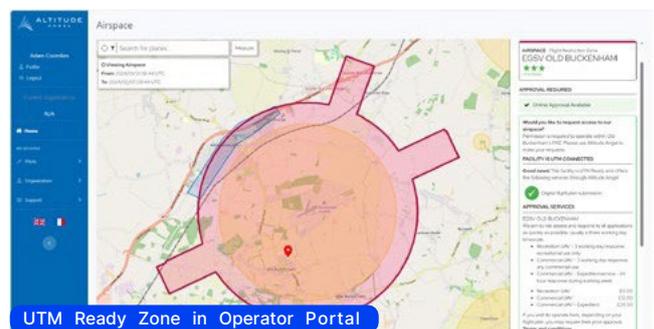
GuardianUTM Approval Services: Streamlining Permissions

For airspace and land access managers, our GuardianUTM Approval Service offers a seamless, digital solution for drone flight permissions. By designating your 'zone' as 'UTM Ready,' the zone manager provides clarity to drone operators on necessary requirements and a straightforward process for requesting permission to fly.

"Getting the Approval Service on GuardianUTM changed the game completely. Straightforward applications take significantly less time. Even ones with issues are much easier and faster. It has shaved off so much time."

Matthew Rice, Heliport Manager at London Heliport.

Zone Managers have the flexibility to set up specific requirements for their zones, including the ability to charge for the recovery of administrative costs associated with approvals. Moreover, necessary documentation such as Flyer ID and insurance can be efficiently processed and uploaded within the platform. This level of standardisation not only ensures safety and compliance but also offers clear guidelines for drone operators, fostering a secure and efficient operational environment.



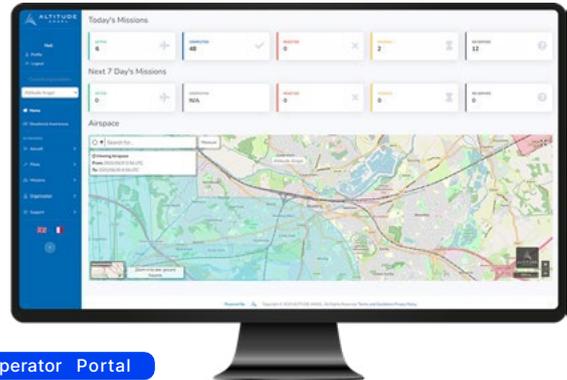
Tools for Drone Operators: Empowering Safe and Compliant Flights

Altitude Angel's commitment to safety extends to drone operators who rely on our suite of advanced flight planning solutions. Among these tools are Drone Assist, the UK's most widely used flight planning tool, dronesafetymap.com, and the Operator Portal. These allow drone operators to plan flights with safety and compliance in mind, even allowing for digital approval requests in 'UTM Ready' zones (those registered on the Altitude Angel platform).

Whether within a UTM Ready zone or not, all submitted flight plans are visible within the Altitude Angel product suite. This transparency benefits airspace and land access managers who gain insight into flights near their managed areas, while drone operators can identify ongoing operations, fostering a safer airspace for all.



Drone Safety Map & Drone Assist



Operator Portal

In 2023 alone, Altitude Angel oversaw over 500,000 airspace checks within our platform

"I've been using Altitude Angel's planning tools since I started operating commercially. They feature very heavily in my planning and are a good way for me to quickly risk-assess the airspace before I start a flight. I like the fact that they give me the ability to quickly see air and ground hazards. I find it a nice robust system. Easy to use, and I swear by it."

Quinton Quayle, Director at Quayle Industries Ltd

Benefits of GuardianUTM Approval Services

- Public-facing easily accessible airspace access policy
- A digital system for receiving and managing drone flight requests
- An easy way to Approve or Reject flight requests with an auditable trail
- Increased situational awareness
- Multi-party approval or visibility access
- Maintain contact with the drone operator within the platform and reduce communication requirements
- Recover the cost of administration associated with flight plan approvals
- Retain control of access at all time

Ensuring Success: The support you need to get started

Altitude Angel is dedicated to ensuring the seamless setup and operation of your designated zone through our committed customer success team. Our collaborative approach involves working closely with customers to facilitate effective communication to drone operators. We provide a range of options to enhance the communication of new permissioning services and drone policies, including the integration of dronesafetymap.com into customer websites. This valuable tool serves as a clear and accessible resource outlining regulations, limitations, and access terms.

Read more about what our customers are saying about us:

THE LONDON HELIPORT CASE STUDY

BIGGIN HILL AIRPORT DEPLOYS GUARDIANUTM

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