



## The Industry's Only Free, Global Emergency Aircraft Location Service

### What is Aireon ALERT<sup>SM</sup>?

Aireon Aircraft Locating and Emergency Response Tracking (ALERT) is the aviation industry's first and only free, global emergency aircraft location service. Air Navigation Service Providers (ANSPs), commercial aircraft operators/airlines, regulators and search and rescue organizations in need of crucial aircraft location data, can rely on AireonALERT to help provide an ADS-B OUT 1090MHz equipped aircraft's most recently known position. As a free service, Aireon ALERT fills a critical need, ensuring search and rescue personnel have the most accurate aircraft position data available when responding to an incident, regardless of global location.

Aireon ALERT utilizes Aireon's space-based ADS-B data and is operated by the Irish Aviation Authority (IAA). The Aireon ALERT 24/7 communications facility is located at IAA's North Atlantic Communications Centre in Ballygirreen, Ireland. Aireon ALERT users do not have to be customers of Aireon or IAA. All users simply have to register for the free, emergency service.

### Why is Aireon ALERT needed?

Before the Aireon<sup>SM</sup> space-based ADS-B system, real-time aircraft tracking and surveillance was not possible for the entire planet. Remote, oceanic and arctic regions had little-to-no real-time air traffic surveillance. This was not just a tremendous inefficiency, but had safety, financial and environmental consequences. As a result, the ability to know the location of an aircraft while over remote or oceanic airspace is a new, invaluable asset, especially in emergency situations where just a few minutes of time can make a difference.



## How does it work?

Knowing that any request that comes in to Aireon ALERT is time sensitive, we've designed the system to be as efficient as possible, while also ensuring identity verification and security protocols are in place. When an Aireon ALERT request is made, our simple step-by-step process will ensure a swift fulfillment of the data:

- 1 Pre-registration is required to use Aireon ALERT.
- 2 The requestor logs in to their Aireon ALERT dashboard, where they can view their unique identification and "PIN" number and dial-in number enabling them to speak directly with an Aireon ALERT operator. This begins the formal request process.
- 3 The requestor should be ready to provide either the Flight ID or ICAO HEX address.
- 4 The Aireon ALERT operator will then execute a search query, and if the aircraft is found, a 4-dimensional report will be verbally provided – Latitude, Longitude, Altitude and Time.
- 5 A package is also sent to the registered Aireon ALERT email address. It will include a map of the last 15 minutes of flight, with one plot per minute and the 4-dimensional report information.
- 6 At this point, the request is considered fulfilled.

## Who can register for Aireon ALERT?

- ANSPs
- Commercial Aircraft Operators (Airlines)
- Search and Rescue Organizations
- Aviation Regulators

## How do I register?

Organizations can register for Aireon ALERT by visiting [www.aireonALERT.com](http://www.aireonALERT.com). Once on the site, find the "register" button and click it to arrive at a form submission page. After filling in basic information about yourself and your organization, and following acceptance of the "End User Agreement" the Aireon ALERT administrators verify and validate that you qualify for the service. Following verification, you will receive an email confirming that you are an authorized Aireon ALERT user.



## Benefits

- + It's a FREE service.
- + Users do not need to be Aireon or IAA customers to take advantage of this emergency tracking service.
- + 100% global coverage.
- + Available 24 hours a day, 7 days a week.
- + Ability to have the last known position report of aircraft equipped with ADS-B OUT 1090MHz.

for more information visit  
[aireonALERT.com](http://aireonALERT.com)

8484 Westpark Drive, Suite #300  
McLean, VA 22102 USA  
+1.571.401.1500