



AUTOMATED FLIGHT FOLLOWING (AFF) SOLUTIONS FOR THE AVIATION INDUSTRY

# GUARDIAN | 3

 **GUARDIAN MOBILITY**

# Do you have access to near real-time information about your aircraft? If you don't, you should.

Guardian Mobility's satellite communications and flight following solutions are essential for total visibility into your fleet of aircraft. Guardian solutions provide operators with the data they need to enhance the accuracy of records and reduce costs, and are essential for increasing operational efficiencies.

We have a full range of turnkey solutions for aircraft that include hardware, flexible airtime plans and an easy-to-use web-based application to access your information. Whether you need flight following information for safety purposes, or aircraft sensor information automatically collected and transmitted to the ground, we provide the information that you need in a way you can easily access and understand.

## Guardian 3 Flight Following

**Ideal for** operators who require near real-time flight following for their fleet of aircraft.

The Guardian 3 solution offers the industry's best value in a reliable and proven flight following solution that is easy to use and requires little to no installation. These flight following products and services are used by aircraft operators worldwide to obtain reliable information in near real-time.

- Unlike other tracking products, Guardian 3 devices transmit on takeoff, landing and at fixed intervals, giving accurate trip summaries.
- Position updates at custom time intervals as fast as 1 minute.
- Use the GPS position mark button to identify important points while flying.

- Have your data forwarded into any third-party database such as utility companies.
- Be alerted automatically by e-mail when your aircraft enters or exits a specific zone.
- Automatically generate custom reports based on the historical flight data of your fleet.
- Approved for AFF use by the USDA and the BC Forest Service.



## Guardian 3 Flexible Systems

**Ideal for** operators who have space constraints inside their aircraft.



The Guardian 3 product line is the most flexible flight following product in the market, giving operators the option to customize devices to meet specific business needs. With your choice of enclosure, satellite modem, antennas, device configuration and mapping options, there is no other product like it. Your choice of:

- Standard or slim enclosure.
- Internal antenna, portable antennas or externally mounted antennas.
- Iridium or Globalstar LEO satellite network.

- Flexible power requirements with operation from multiple power sources from a 9V to a 28V on-board source.
- Portable or permanently mounted devices.

## Guardian 3 Business Solutions

**Ideal for** operators who need accurate historical flight information for records.



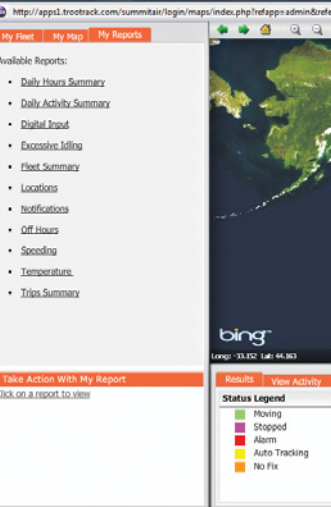
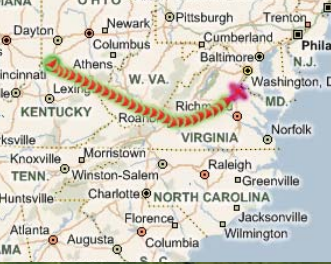
Guardian products and services are used to solve multiple business problems by operators around the world. Use Guardian 3 flight following to:

- Optimize costs for any given situation with flexible solutions and affordable hardware.
- Find the location of your aircraft using flight following as a more efficient alternative to using voice solutions.
- Generate useful reports using fleet summary reporting, including hours and distance flown, for maintenance and billing.
- Access historical information for all aircraft in a fleet in one central location, including power on, takeoff and landing times.

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*“Our high-profile clientele appreciate that we take their safety and security seriously... Whether we’re flying remote film work or picking up a business executive at a remote lakefront property, it is a huge benefit to be able to say — and to show — where the aircraft is, at that instant.”*  
*Anna Rucchetto, CEO,*  
*Four Seasons Aviation*

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# Guardian Mapping

Ideal for any operator who needs an easy-to-use web-based mapping application.

Built for Guardian by mapping experts, Guardian Mapping is one of the most effective ways to get location and status information of your aircraft from anywhere with an internet connection, and is a perfect way to complete any Guardian Mobility solution.

- Map "trips" with takeoff and landing points automatically recognized.
- Use event based trip processing and select desired trip start and end tags.
- Set geofences to be alerted when an aircraft strays into or out of a set zone.
- Generate useful reports, including total time and distance flown for any given period, and for any and all aircraft in a fleet.
- Receive customized e-mail alerts and notifications sent to your Smartphone automatically.
- Import custom map layers and create custom landmarks to suit your operational needs.
- Standard map views include: hybrid map/satellite view, a detailed topography layer with elevations and Aeronautical charts.
- Worldwide TAFs, METARs and base radar.



## ABOUT GUARDIAN MOBILITY

Guardian Mobility is a world leader in providing end-to-end satellite communications and GPS flight following solutions for aircraft, with pricing specifically geared to the needs of aircraft operators. Guardian has developed a full range of products aimed at helping aircraft operators increase efficiencies, reduce costs and improve reporting. Guardian introduced the first portable GPS flight following device in 2004, delivering location and status information to aircraft operators, and has since developed a device to facilitate 2-way text messaging and automatic data communications between the aircraft and the ground. Guardian's products are approved for Automatic Flight Following (AFF) and are used by fleet operators worldwide.



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