Track
Communicate
Manage Your Data

GUARDIAN MOBILITY

Track, *Communicate* and *Manage Your Data* with **Guardian Mobility** solutions.

Guardian Mobility's aircraft management solutions with true global coverage provide reliable, real-time and historical information about all aircraft in your fleet. This aids supervisors, schedulers, dispatchers and maintenance staff by increasing speed, improving efficiency and reducing costs.

Guardian's solutions include hardware, flexible airtime plans and easy-to-use web-based software to access your information. Whether you need flight following information for regulatory compliance, safety or scheduling, messaging for crew coordination or, aircraft sensor information for record-keeping, Guardian Mobility has a solution for you.

Guardian has been providing real-time solutions since 2002 and now supports hundreds of operators representing thousands of aircraft around the globe.

Track the location and status of your aircraft

Real-time, Government-Approved* Automated Flight Following (AFF) allows you to track your entire fleet to aid supervisory and scheduling tasks.

All Guardian Mobility solutions include AFF capabilities so that you always know the location and status of your aircraft.

- See all your aircraft at all times on one screen
- View live or historical data from anywhere with web access
- Off and On times can be captured automatically
- Updates as often as once per minute
- Location and status data can be automatically linked to other applications
- Configure or 'ping' your device remotely

*Approved by the USDA and BC Forest Services

Communicate with your crew

With two-way text messaging, worldwide communication is easy, even outside the coverage area of cellular and traditional radio networks.

Add text messaging to your Guardian Mobility solution and you will be able to send and receive messages to and from the aircraft crew.

- Two-way free-form text messages
- Easily-customizable templates make routine messages fast and easy
- Integrated voice solutions available
- Pilots can send position reports at any time to mark important points
- Messages and data from templates can be automatically linked to other applications

Manage your data

Reduce operations and maintenance costs by collecting and organizing aircraft data automatically to produce valuable information.

Guardian Mobility's data add-on allows you to tap into on-board sensors to deliver critical information in real-time.

- Automatically capture and transmit Out/Off/On/In (OOOI) times for more accurate logs
- Event times available to 1/100 hour
- Reduce routine maintenance costs
- Improve crew duty time tracking
- Aircraft sensor exception events can also be forwarded to an email address or compatible cellphone
- Data can be easily integrated with other applications
- Automated reports speed time to invoice by reducing paperwork

Location	Time	Velocity (km/h)	Event
3° 33' 38" N	04/12/2010 09:09:13	0	Power On
3° 33' 40" N	04/12/2010 09:12:41	18	
3° 33' 47" N	04/12/2010 09:15:22	7.2	
3° 33' 50" N	04/12/2010 09:15:47	75.6	Takeoff
3° 56' 42" N	04/12/2010 09:25:48	280.8	
5° 27' 46" N	04/12/2010 09:35:48	381.6	
7° 1' 52" N	04/12/2010 09:45:47	381.6	
9° 36' 18" N	04/12/2010 09:55:48	388.8	
1° 10' 49" N	04/12/2010 10:05:47	392.4	
° 45' 46" N	04/12/2010 10:15:48	392.4	
1° 21' 58" N	04/12/2010 10:25:48	453.6	
1° 54' 14" N	04/12/2010 10:35:48	208.8	
1° 55' 39" N	04/12/2010 10:37:54	39.6	Landing
1° 55' 37" N	04/12/2010 10:38:05	7.2	
1° 55' 38" N	04/12/2010 10:38:20	18	
1° 55' 36" N	04/12/2010 10:39:15	7.2	
1° 55' 36" N	04/12/2010 10:50:48	0	Power On
1° 55' 38" N	04/12/2010 10:52:27	18	
1° 55' 50" N	04/12/2010 10:53:55	7.2	
1° 55' 49" N	04/12/2010 10:54:02	18	
1° 55' 47" N	04/12/2010 10:54:10	82.8	Takeoff
2° 31' 3" N	04/12/2010 11:04:11	316.8	
1° 56' 0" N	04/12/2010 11:14:11	410.4	

Solutions to Fit Your Operational Needs

Hardware Options

Guardian Mobility has a variety of hardware platforms to provide the functionality you need both now and in the future. These platforms include portable and fixed variants for maximum flexibility. The fixed hardware versions use standard aircraft mounting techniques and Guardian Mobility has a number of STCs. The list of supported aircraft keeps growing - ask us about yours.

Software Applications

The user interface is a web-based application that allows an operator to see all their aircraft at once showing location, status and, as applicable, messages and on-board sensor status. Exception reports are highlighted.

Network Services

Behind the user interface is an advanced set of reliable, robust and flexible data management tools to facilitate the integration of the aircraft data into new and existing applications such as MRO software, flight logs, tech logs and billing software.

ABOUT GUARDIAN MOBILITY

Guardian Mobility provides tracking, communication and data solutions for aircraft operators around the globe. Guardian develops reliable solutions for the multiple problems that operators face relating to safety and operational efficiency through two-way messaging and air-to-ground data retrieval. Guardian provides service to its international customers through its dealer network to facilitate installation and service. Guardian Mobility offers its customers a great value proposition as a one-stop-shop for data management and communications solutions for the aircraft community including hardware, software and network services.

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