



tracplus RockAIR Tracking Device User Manual

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RockAIR



**THE SMALLEST, SAFEST DUAL-MODE
AIRCRAFT TRACKING DEVICE
ON THE MARKET**

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RockAIR Tracking Device

RockAIR is designed specifically for aviation and tested in some of the world's harshest environments to provide you with simple, reliable communication and high-frequency tracking for your assets.

TracPlus is the world's trusted provider of global mission-critical tracking and communications services. By pairing your RockAIR with TracPlus Cloud, our new cloud-based common operating platform, you get a single version of the truth for all your assets: personnel, vehicles, aircraft and marine, no matter where in the world they are.



www.tracplus.com/rockair

	Dual Satellite/Cellular Tracking for Greater Situational Awareness RockAIR tracks in cellular, yet automatically switches to satellite tracking when you lose cellular coverage, ensuring your team is always connected. Tracking cadence is customizable 15 seconds in cellular, or at a rate of your choice in satellite
	Reliable Two-Way Messaging for Enhanced Communication Reliable two-way messaging in satellite and cellular networks, compatible with cellphone, email, TracPlus software or other devices.
	Emergency Risk Management for an Agile Response If an emergency notification is signalled via the RockAIR, TracPlus will receive this distress and notify your team via in-app notifications, text messages and/or a phone call, allowing you to quickly handle an emergency responsively and effectively. To assist your team further, TracPlus can share vital information and data with rescue agencies when required.
	Collision Detection and Reporting for Advanced Safety In the event of a collision, RockAIR will detect and report the incident and inform users within TracPlus and via text, email or through a phone call.



"We have noticed considerable savings with RockAIR due to the cellular tracking capability and love the 15-second reporting, which offers a far more accurate flight path."


Daniel Stevenson – South Pacific Helicopters

Specifications

Dimensions	98 mm x 119 mm x 26 mm
Weight	210 g
Connectors	USB, 4-way Molex Micro-Fit (power), 6-way Molex Micro-Fit (input), optional SMA for external antennas
Inputs	USB serial, Bluetooth, five configurable digital inputs, RS232
Outputs	RS232
Buttons	Power/Suspend, Monitor, Mark, Distress/Distress Cancel
Indicators	LED indicators for each button, External Power LED, Bluetooth LED
Sensors	GPS, Accelerometer, Thermometer, Power loss, Impact
Satellite Network	Iridium SBD
Cellular Network	GPRS (Cellular IP)
Power Sources	External DC supply with internal Li-ion polymer battery backup

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Documents / Resources

	tracplus RockAIR Tracking Device [pdf] User Manual RockAIR Tracking Device, RockAIR, Tracking Device, Device
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References

- [GPS Asset Tracking and Satellite Communication Platform | TracPlus | TracPlus](#)
- [RockAIR - Reliable and affordable aircraft tracking device | TracPlus | TracPlus](#)