tracplus

RockAIR

A Reliable and Affordable Tracking Device for Aircraft

RockAIR is a portable glare shield mounted device providing global communication for aircraft. Fully tested to DO160G standards, RockAIR offers high-resolution tracking, two-way messaging and emergency monitoring and alerting in satellite and cellular networks.

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.

SOUTH PACIFIC
HELICOPTERS NZ

"We have noticed considerable savings with RockAIR due to the cellular tracking capabilty and love the 15-second reporting, which offers a far more accurate flight path."
Daniel Stevenson – South Pacific Helicopters

Specifications

Dimensions	98mm × 119mm × 26mm (3.9" × 4.7" × 1.0")
Weight	210gm (8oz)
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 via 9603 short burst data (SBD) transceiver
Cellular Network	GPRS (Cellular IP)
Power Sources	External DC supply with internal Li-Ion polymer battery backup