

# RockAIR

## About the Internal Battery

The RockAIR features a backup internal battery that allows emergency use away from an aircraft as well as delivery of any queued tracking events after shutdown.



### About

- ✓ A 3.7v 1850mAh Li-Ion Polymer Battery
- ✓ Fully charged, the battery will transmit for up to 8 hours at one minute intervals via satellite with a good sky view



### Shipping

- ✓ As a “battery contained in equipment” device, the RockAIR can be shipped by air when a UN3481 label is affixed. Available from [www.tracplus.com/un3481](http://www.tracplus.com/un3481)
- ✓ A Lithium Battery Safety Document may be requested when shipping via air. Available from [www.tracplus.com/lbsd](http://www.tracplus.com/lbsd)



## Testing

- ✓ Each battery has passed the following manufacturing tests without damage, deformation, leakage, smoke or fire
- ✓ Temperature shock: the cell is exposed to 130°C (266°F) for ten minutes
- ✓ Short circuit: the cell is short-circuited for one hour at 100m
- ✓ Overcharge: the cell is overcharged at 4.6v for 8 hours
- ✓ Humidity and heat: the cell is exposed to temperatures of 40°C (104°F) and relative humidity of 90%-95% for 48 hours
- ✓ Vibration: the cell is subjected to variable vibration cycling between 10Hz and 55Hz, with vibration excursion of 0.38mm for 30 minutes in all three axis
- ✓ Drop: the battery is dropped twice from 1m onto a solid surface
- ✓ As part of DO160G testing, a representative RockAIR was subject to additional heat, impact, electrical and vibration tests. DO160G test documentation is available from TracPlus

Full information on the manufacturers tests are available on the Material Safety Data Sheet at [www.tracplus.com/rock7battery](http://www.tracplus.com/rock7battery)