



Aviation Safety

Innovative and Resilient Aviation Solutions

Today, Orolia is shaping the future of aviation by offering a wide selection of search and rescue solutions compliant to latest standards for a variety of military and commercial aviation missions.



Kannad Integra-AF
Automatic ELT

Kannad Integra AP-HER
Helicopter Portable ELT



SARBE G2R ELT Evo
Locator Device



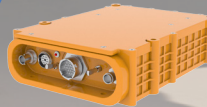
GSG-8
Advanced GNSS Simulator



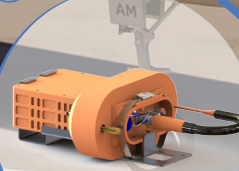
Kannad ADT Antenna



Kannad Ultima-DT
Distress Tracking ELT



Kannad Ultima-S
Survival ELT



Orolia's ELTs solutions for any aircraft types and applications

- | Commercial Aviation | Military & Air Forces | General Aviation & Rotary |
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| <ul style="list-style-type: none">• GADSS mandate regarding Autonomous Distress Tracking (ADT)• Special conditions on non-rechargeable lithium batteries• Full range of emergency locator beacons (ELTs) | <ul style="list-style-type: none">• Full range of PLBs and ELTs in Tri-Force use on every continent• Ensure accurate location and fast recovery• GNSS Interference Detection and Mitigation | <ul style="list-style-type: none">• Automatic fixed and portable versions to meet installation requirements• Easy and quick installation |

Orolia is a leading contributor in the design, development and deployment of the aviation industry's next generation emergency management system known as GADSS (Global Aeronautical Distress Safety System).

To allow operators to comply with the GADSS requirements for the autonomous tracking of aircraft in distress as well as other emerging aviation safety initiatives linked to lithium batteries, Orolia is designing two new ELT systems:

- Orolia's **Kannad Ultima-DT** which combines the latest generation of lithium battery technology and a smart design, which enables the unit to comply with the latest FAA / EASA lithium battery requirements. It is a fixed Emergency Locator Transmitter – Distress Tracking type, designed to meet the ICAO and EASA GADSS Autonomous Distress Tracking requirements, which is applicable from January 2023 to all new commercial aircraft.
- Orolia's **Kannad Ultima-S** is a Survival Emergency Locator Transmitter – ELT(S), designed to be installed in the cabin of business jets and commercial aircraft as per each country airworthiness regulations. It is the world's first ELT to implement at the same time
 - A GNSS receiver working with both GPS & Galileo constellations
 - A distress acknowledgment capability, based on Galileo Return Link Service (RLS), which provides a visual indicator that the Cospas Sarsat 406 MHz distress message has been received by Cospas Sarsat (capability optional and subject to each country regulation)

Additionally, Orolia's Kannad Ultima-S ELT is Second Generation Beacon (SGB) ready, compatible with Cospas-Sarsat future standards and protocols.



About Orolia

Orolia is the world leader in resilient positioning, navigation and timing (PNT) solutions that improve the reliability, performance and safety of critical, remote or high-risk operations, even in GPS denied environments. With locations in more than 100 countries, Orolia provides virtually failsafe GPS/GNSS and PNT solutions to support military and commercial applications worldwide. Orolia is proud to be a trusted partner to US, NATO and allied forces.