



Company

R-T LTA Surveillance is a world-class designer, developer and manufacturer of the SkyStar™ family of aerostats for use in intelligence, surveillance, reconnaissance, and communications applications. SkyStar™ is a self-contained, versatile, easily transportable, cost-effective tactical system comprised of a ground control station, a ground system module, a tether, a lighter-than-air platform, a stabilized payload platform and a sensor suite. SkyStar™ systems are operational world-wide in various military and civilian missions; currently, systems are deployed in countries such as Afghanistan, Israel, Mexico, Thailand, Canada, Africa and Russia.

Applications

- Unmanned Aerial Surveillance, Reconnaissance and target acquisition
- Border and coastal surveillance
- Intelligence
- VIP Protection
- Search and Rescue
- Public Order
- Law enforcement
- Media coverage
- Traffic control
- Unmanned Aerial Surveillance Aerial relay
- Proven in battle

Skystar 300

The Skystar 300 tactical aerostat systems are operated continuously day and night ISR operations at 1000 feet and perform in extreme weather conditions. The system is highly mobile and rapidly deployed. It can lift a payload as well as communication relay of up to 35 kg. It provides high quality information gathering and accurate target allocation utilizing tri-sensor gyro stabilized payloads and GPS/INS navigation. The downlink video and interactive digital map are displayed in real time. The communications relay application is transportable and flexible for heights and terrains.



Skystar 180

The Skystar 180 tactical aerostat is a small size highly mobile aerostat suitable for tactical mid-range surveillance as well as public safety, police and military applications. The system is based on a towable trailer and consists of a stabilized day/night electro-optical payload suspended from a helium filled aerostat that is tethered to a ground system. The aerostat is operated continuously, at wind velocity of up to 40 knots. It can lift a payload of up to 7 kg. Skystar 180 provides prolonged medium range surveillance coverage from an altitude up to 600 feet, easy to operate and cost effective.



Skystar 100

The Skystar 100 mini balloon for close surveillance and reconnaissance provides fields' commander with real time "over the hill" reconnaissance capability. The stabilized Electro Optical payload operational both in day and night time, man-pack transportable, assembled and launched in 15 minutes, 1000 meter surveillance range, payload easily controlled from handheld PGCS, user friendly and intuitive interface.

