



PERC™ SKYMAST Mobile Inflatable Air Tower System

Fast, portable coverage when and where first responders need it most

The Portable Emergency Response Center Mobile Inflatable Air Tower System (PERC™ SKYMAST) is a compact, mobile inflatable tower that rapidly extends wireless communication coverage in the field. With a 20-ft self-contained air mast and support for antennas, cameras or sensors, this lightweight system boosts connectivity in remote, obstructed or areas with weak signals. It deploys in under 10 minutes and packs into a rugged wheeled case for easy transport in a car trunk or SUV.

Key features

- 20-ft 2-stage inflatable mast
- Supports up to 30 lbs. of mounted equipment
- Rugged wheeled Pelican™ case for easy transport
- Integrated stabilization wires and 6 guy cables
- 12V battery-powered air compressor
- Foldable polyurethane air beam for compact storage
- Pulley system for safe antenna or sensor mounting
- Velcro cable management and ground connection kit

Contact your FirstNet representative to see how PERC™ SKYMAST can strengthen your team's field communications.

***DISCLAIMER:** Increasing the Radio power to enable the miniCRD to operate with the Perc™ Skymast (Skymast) may result in elevated radio frequency (RF) exposure levels. To ensure compliance with RF safety standards and minimize exposure risks, the miniCRD when used with Skymast, must have its antennas positioned at least 20 feet (approximately 6 meters) away from personnel. Failure to maintain these conditions may lead to unsafe RF exposure levels. Users are responsible for adhering to all applicable RF safety regulations and guidelines when operating this equipment. Skymast is rated to withstand wind gusts only up to 30 MPH when secured with appropriate guide ropes and stakes. For safety reasons, do not deploy if wind gusts are expected to exceed that threshold. See AT&T Business Service Guide FirstNet Compact Rapid Deployable Service Guide for additional terms and conditions including, without limitation, Regulatory Matters at: [Compact Rapid Deployable terms and conditions - regulatory matters](#)

Advantages

- Compact, portable and cost-efficient
- Deploys in under 10 minutes
- Increases antenna height for stronger signal, broader range and faster data rates
- Operates without trailers or fixed infrastructure
- Delivers coverage in environments with weak signals

Use cases

- miniCRD deployments in dense areas*
- Surveillance in remote or unmonitored zones
- Field ops without access to fixed infrastructure
- Temporary coverage for incident response or events
- Wireless support for Wi-Fi, Land Mobile Radio, CBRS, private LTE and cellular – including Band 14 for FirstNet®