

# ZUMRO

## AIR SHELTER SYSTEMS



### MAST

Mobile Air Support Tower  
Part# 3224



**The patented ZUMRO MAST (Mobile Air Support Tower) is a 19' portable, inflatable, semi-rigid mast designed to support your mission's emergency communication needs. It deploys and is fully operational in 7 minutes.**

#### Key Features:

- Fully integrated, modular design packed into one transit case
- Inflation Time: < 5 minutes
- Full Deployment Time: < 7 minutes
- Integrated trolley system with 3 quick-attach payload brackets for safe, fast, and flexible deployment
- Integrated warning strobes on top of MAST
- Weatherproof in adverse conditions
- Deflation and pack time: < 3 minutes

PATENT US 12,428,867B2



800.932.6003  
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# MAST (Mobile Air Support Tower)

Part# 3224



## Features:

- Inflatable, polyurethane, semi-rigid, triple-tube mast with integrated pressure relief safety valve
- Inflation time: < 5 min
- Full deployment time: < 7 minutes
- Deflation and pack time: < 3 minutes
- Integrated trolley system with 3x quick-attach payload brackets for safe, fast, and flexible deployment
- Integrated warning strobes on top of MAST
- Weatherproof in adverse conditions with all electrical components rated at IP 67
- Safety lockout for deflate operation
- 6x integrated wind lines with quick clips
- Automated Pressure Maintenance System w/Pressure Monitor Gauge
- Battery run time: 45 minutes continuous run time (no strobe)
- Dual voltage 110VAC/12VDC with on-board battery and automatic relay
- Integrated cable retainers

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## Specifications:

- Tower height: 18.5' (19' including base)
- Box dimensions: 34"L x 24"W x 19"H
- Weight: 106 LBS
- Battery type: SLA AGM 9a
- Operating pressure: 5psi
- Antenna/apparatus quick-attach mounting points: 3
- Trolley load bearing capacity: 21 LBS
- Wind rating (fully loaded and tethered): 30 mph
- Inlet power: 110VAC straight blade

