ONE MAST. Infinite Configurations.

We build the world’s most advanced multi-purpose, portable mast platforms for military communications and surveillance.

PRIMARY USES:
- Tactical RF Communications
- Lightening Protection Systems
- PTP / Wireless Data
- Video Surveillance
- 4G LTE / Cellular
- Custom Applications
AL1 Standard Series
MANUAL PUSH UP SYSTEM

LITEWEIGHT PAYLOADS

Primary Use:
Tactical RF Communications
Lightening Protection Systems

Specifications:
- Model Heights Available: 2 to 15 meters (7.5 ft. to 46.5 ft.)
- Payload Capacity: 10 to 50 lbs.*
- Wind Loading: 70 mph
- Deployment Time: 2 to 30 minutes*
- Outside Diameter: 2.0 inches
- Testing: MIL-STD-810G
- Transport: (1) 54x14x14 Wheeling Bag

*Payload capacity and deployment time are based on model height selected.

Features
- Patented Tripod designed with cam lock system, telescoping tripod legs, compass and bubble levels.
- Lightweight 2 inch OD interlocking mast sections constructed of aerospace aluminum alloy.
- Color coded, free spining guy rings for directional control.
- Guy ropes made of Spectra Cord, a woven fiber 10 times stronger than common cable.

TACTICAL RF COMMUNICATIONS
LIGHTENING PROTECTION SYSTEMS

PATENTED TRIPOD DESIGN
COMPASS & BUBBLE LEVEL
TELESCOPING TRIPOD LEGS
CAM LOCK SYSTEM

This chart will help identify the mast system and heights available based on the deployable load. The deployable load is the total weight of all devices, accessories and cabling.

<table>
<thead>
<tr>
<th>MAST MODEL</th>
<th>DEPLOYABLE LOAD (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15M</td>
<td>46.5</td>
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<tr>
<td>14M</td>
<td>43.5</td>
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<tr>
<td>13M</td>
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<td>12M</td>
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<td>11M</td>
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<td>6M</td>
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<td>5M</td>
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<td>4M</td>
<td>13.5</td>
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<tr>
<td>3M</td>
<td>10.5</td>
</tr>
<tr>
<td>2M</td>
<td>7.5</td>
</tr>
</tbody>
</table>

www.blueskymast.com | sales@blueskymast.com | 877-411-MAST (6278)
AL2 Lift Series
FAST MECHANICAL LIFT SYSTEM
HEAVIER PAYLOADS

Primary Use:
Tactical RF Communications  Video Surveillance
Wireless Data  Custom Applications

Specifications:
Model Heights Available: 2 to 15 meters (7.5 ft. to 46.5 ft.)
Payload Capacity: 20 to 100 lbs.*
Wind Loading: 70 mph
Deployment Time: 2 to 30 minutes*
Outside Diameter: 2.0 inches
Testing: MIL-STD-810G
Transport: (1) 54x14x14 Wheeling Bag

*Payload capacity and deployment time are based on model height selected.

TACTICAL RF COMMUNICATIONS  WIRELESS DATA

VIDEO SURVEILLANCE  CUSTOM APPLICATIONS

CAM LOCK SYSTEM  SELF BRAKING WINCH

Mast System Capability Chart
This chart will help identify the mast system and heights available based on the deployable load. The deployable load is the total weight of all devices, accessories and cabling.

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<th>MAST MODEL Height (Meters/Feet)</th>
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<tbody>
<tr>
<td>15M 46.5</td>
<td>20</td>
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<tr>
<td>14M 43.5</td>
<td>25</td>
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<tr>
<td>13M 40.5</td>
<td>30</td>
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<tr>
<td>11M 34.5</td>
<td>40</td>
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<tr>
<td>10M 31.5</td>
<td>50</td>
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<tr>
<td>9M 28.5</td>
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<td>8M 25.5</td>
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<td>7M 22.5</td>
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<td>5M 16.5</td>
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<td>3M 10.5</td>
<td>85</td>
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<tr>
<td>2M 7.5</td>
<td>100</td>
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Features
Patented Tripod designed with cam lock system, telescoping tripod legs, compass and bubble levels.

Lightweight 2 inch OD interlocking mast sections constructed of aerospace aluminum alloy.

Color coded, free spining guy rings for directional control.

Guy ropes made of Spectra Cord, a woven fiber 10 times stronger than common cable.
AL3 Lift Series
FAST MECHANICAL LIFT SYSTEM
MAXIMUM PAYLOADS

Primary Use:
Multiple Antenna Configurations  Video Surveillance
PTP / Wireless Data  4G LTE / Cellular

Specifications:
Model Heights Available: 8 to 15 meters (28 ft. to 49 ft.)
Payload Capacity: 75 to 145 lbs.*
Wind Loading: 90 mph
Deployment Time: 30 to 45 minutes*
Outside Diameter: 3.5 inches
Testing: MIL-STD-810G
Transport: (2) 62x21x18.5 Hard Cases

*Payload capacity and deployment time are based on model height selected.

TACTICAL RF COMMUNICATIONS
PTP / WIRELESS DATA

4G LTE / CELLULAR
VIDEO SURVEILLANCE
SELF BRAKING WINCH
CAM LOCK SYSTEM

Mast System Capability Chart

This chart will help identify the mast system and heights available based on the deployable load. The deployable load is the total weight of all devices, accessories and cabling.

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<tr>
<td>8M</td>
<td>28</td>
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</tbody>
</table>

Military Proven. Battle Ready.

Mission
Mitigate the need for multiple masts for communications and situation awareness.

Evaluation
The BlueSky AL3 Mast was found to have a positive impact on the unit and mission. Its functionality and durability eliminated the need for multiple legacy masts.

Fielding
The BlueSky AL3 Mast made significant contributions toward closing the TRA-DOC-defined capability gap. There were no issues identified that would preclude equipping this system now.
Why BlueSky Mast?

1 SPEED
Patented Tripod Design with Cam Lock, Telescoping Legs, Interlocking Mast Sections and Fast Mechanical Lift System allow warfighters to quickly and easily deploy the mast in any environment.

2 PORTABILITY
The AL1 and AL2 Mast Series pack down into (1) 54x14x14 Wheeling Carrying Bag for easy transport. Optional hard case upgrade available.

The AL3 Lift Series Mast packs down into (2) Custom Hard Cases for easy transport.

3 VERSATILITY
All BlueSky Mast systems utilize our suite of patented, tool-less accessories that reduce setup time and help simplify field deployment.

4 DEPENDABILITY
Deployed throughout the world, our clients include the top U.S. Defense Integrators, Foreign Militaries and all branches of the U.S. Military, as well as NASA, DHS, DOD, CIA, NSA, and numerous Federal and State Agencies.

MIL-STD-810G - Environmental tested for wind-driven rain, humidity, icing and freezing, sand and dust.

Benefits
Designed for compact mobility and rapid deployment.

Full suite of interchangeable accessories provides unlimited potential for field applications.

Made in the USA from non-corrosive aerospace quality alloys machined to exact qualifications.

More Than Just A Mast
Portable Military Networks are dependent on speed of deployment, reliability and the versatility of the platform. BlueSky Mast has an on-going commitment to provide the military with purpose-built solutions for every conceivable operating environment.

We pioneer portable masts that exceed the most demanding specifications in any war zone or hostile environment. Securely transportable with a unique sectional assembly & no-tools required design, a BlueSky Mast can be deployed in minutes, getting multiple devices in the air, fast.

Constructed of corrosion free aerospace grade aluminium alloy our masts are universally adaptable thanks to a range of specialized templates designed over years of collaboration with our military clients.

Our commitment to innovation and excellence is matched only by our customer support and attention to detail.