

# ONE MAST. INFINITE CONFIGURATIONS.

## AL350G LIFT SERIES

### Fast Mechanical Lift System

#### Primary Use:

Military RF Communications  
PTP / Wireless Data  
4G LTE / Cellular  
Video Surveillance

#### Specifications:

Model Heights Available: 8 to 15 meters (28 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) 62x21x14.5 Hard Cases



\* Payload capacity is based on model height selected.

#### MAXIMUM PAYLOADS

##### MILITARY RF COMMUNICATIONS



##### PTP / WIRELESS DATA



##### 4G - LTE / CELLULAR



##### VIDEO SURVEILLANCE



##### MADE IN THE U.S.A.



**BLUESKY MAST**  
elevating solutions<sup>SM</sup>

WWW.BLUESKYMAST.COM  
SALES@BLUESKYMAST.COM  
877-411-MAST (6278)



SCHEDULE  
GS-07F-5916R



# AL350G LIFT SERIES



**N.I.E 12.2**  
Multiple Antenna  
Configurations

## MILITARY RF COMMUNICATIONS



**N.I.E 14.2**  
WIN-T INC 1 (TNT) Tactical  
Network Transmission

## 4G LTE / CELLULAR



**N.I.E 14.2**  
WIN-T INC 1 (TNT) Tactical  
Network Transmission

## WIRELESS DATA COMMUNICATIONS



### MISSION

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

### EVALUATION

The BlueSky AL350G Mast was found to have a positive impact on the unit and mission. It's functionality and durability eliminated the need for multiple legacy masts.

### FIELDING

The BlueSky AL350G Mast made significant contributions toward closing the TRA-DOC-defined capability gap. There were no issues identified that would preclude equipping this system now.



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# AL350G LIFT SERIES

## 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 AL350G 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 mounting accessories that reduce set up time and help simplify field deployments. These accessories give our customers the ability to use a single BlueSky Mast to support an infinite number of configurations.

### 4 DEPENDABILITY

Army Proven. Battle Ready.

## CAPABILITIES CHART

SYSTEM P/N <i>part number</i>	SYSTEM HEIGHT		MAX LOAD		WIND RATING		AVERAGE DEPLOYMENT
	<i>ft</i>	<i>meters</i>	<i>lbs</i>	<i>kg</i>	<i>mph</i>	<i>km/h</i>	<i>2 ppl</i>
350G-W-L315-LFT-000	49	(15)	75	(34)	90	(144.8)	25 - 45 min
350G-W-L314-LFT-000	45.5	(14)	85	(38.6)	90	(144.8)	25 - 45 min
350G-W-L313-LFT-000	42	(13)	95	(43.1)	90	(144.8)	25 - 45 min
350G-W-L312-LFT-000	38.5	(12)	105	(47.6)	90	(144.8)	25 - 45 min
350G-W-L311-LFT-000	35	(11)	115	(52.2)	90	(144.8)	25 - 30 min
350G-W-L310-LFT-000	31.5	(10)	125	(56.7)	90	(144.8)	25 - 30 min
350G-W-L308-LFT-000	28	(8)	145	(65.8)	90	(144.8)	25 - 30 min