

# ALI Standard Series

## MANUAL PUSH UP SYSTEM

### Primary Use:

Tactical RF Communications  
Lightening Protection Systems  
Wireless Data

### 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.*



### LIGHTWEIGHT PAYLOADS

#### TACTICAL RF COMMUNICATIONS



#### LIGHTENING PROTECTION SYSTEMS



#### WIRELESS DATA



#### 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

# ALI Standard Series

## DEPLOYMENT METHOD

This is a manual push up system. The center mast sections are manually inserted up through the tripod.

## FEATURES

Patented Tripod design 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 spinning guy rings for directional control.

Guy ropes made of Spectra Cord, a woven fiber 10 times stronger than common cable.

Packs down into a custom 54x14x14 Wheeling Carry Bag for easy transport.



*Optional hard case upgrade available.*



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# AL1 Standard 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.

### 3 VERSATILITY

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

### 2 PORTABILITY

The AL1 Standard Series Mast packs down into (1) 54x14x14 Wheeling Carrying Bag for easy transport.

*Optional hard case upgrade available.*

### 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.

## CAPABILITIES CHART

SYSTEM P/N	SYSTEM HEIGHT		MAX LOAD		WIND RATING		AVERAGE DEPLOYMENT
	ft	meters	lbs	kg	mph	km/h	1 ppl - 2 ppl
BSM2-M-M115-AL1-000	46.5	(15M)	10	(4.5)	70	(112.7)	25 - 30 min
BSM2-M-M114-AL1-000	43.5	(14M)	12.5	(5.7)	70	(112.7)	25 - 30 min
BSM2-M-M113-AL1-000	40.5	(13M)	15	(6.8)	70	(112.7)	25 - 30 min
BSM2-M-M112-AL1-000	37.5	(12M)	20	(9.1)	70	(112.7)	20 - 25 min
BSM2-M-M111-AL1-000	34.5	(11M)	25	(11.3)	70	(112.7)	20 - 25 min
BSM2-M-M110-AL1-000	31.5	(10M)	30	(13.6)	70	(112.7)	15 - 18 min
BSM2-M-M109-AL1-000	28.5	(9M)	32.5	(14.7)	70	(112.7)	15 - 18 min
BSM2-M-M108-AL1-000	25.5	(8M)	35	(15.9)	70	(112.7)	15 - 18 min
BSM2-M-M107-AL1-000	22.5	(7M)	37.5	(17)	70	(112.7)	15 - 18 min
BSM2-M-M106-AL1-000	19.5	(6M)	40	(18.1)	70	(112.7)	2 - 5 min
BSM2-M-M105-AL1-000	16.5	(5M)	42.5	(19.3)	70	(112.7)	2 - 5 min
BSM2-M-M104-AL1-000	13.5	(4M)	45	(20.4)	70	(112.7)	2 - 5 min
BSM2-M-M103-AL1-000	10.5	(3M)	47.5	(21.5)	70	(112.7)	2 - 5 min
BSM2-M-M102-AL1-000	7.5	(2M)	50	(22.7)	70	(112.7)	2 - 5 min