

Quick Erecting Antenna Masts

When quick erecting masts are needed to support mobile antenna equipment at various heights, turn to Will-Burt for the Quick Erecting Antenna Masts (QEAM). These pneumatic and mechanical telescoping masts are used by the military for many programs involving mobile communications, such as target acquisition and surveillance. In addition, Will-Burt builds hundreds of custom designed quick erecting masts to meet specific customer specifications and uses.

- FREE STANDING UNIT, SO GUYLINES ARE NOT NEEDED.
- RAPID DEPLOYMENT IN MINUTES TO EXTENDED HEIGHTS OF 25 TO 86 FEET FOR SAFETY AND GREATER EFFECTIVENESS IN REMOTE CONDITIONS.
- LIGHTWEIGHT AND EASILY INSTALLED EITHER INTERNALLY OR EXTERNALLY.
- VEHICLE MOUNTED MODELS RETRACT TO COMPACT NESTED HEIGHTS WITH MINIMAL SPACE REQUIRED.
- TWO FULL LENGTH EXTERNAL KEYS ON MAST SECTIONS, AND THE COLLARS HAVE MATCHING MACHINED KEYWAYS WHICH MAINTAIN DIRECTIONAL AZIMUTH.
- RUGGED CONSTRUCTION OF HIGH STRENGTH HEAT TREATED AND ANODIZED ALUMINUM TUBES AND COLLARS WITH LOW FRICTION SYNTHETIC BEARINGS FOR LONG DEPENDABLE LIFE.
- EQUIPMENT IS MANUFACTURED UNDER A MIL -I -45208 QUALITY CONTROL INSPECTION SYSTEM AND QUALITY IS ASSURED BY 100% PERFORMANCE TESTING.

• SUGGESTED APPLICATIONS:

- ANTENNAS
- SURVEILLANCE EQUIPMENT
- RELAY SYSTEMS
- TARGET ACQUISITION
- MOBILE COMMUNICATIONS
- ELECTRONIC WARFARE

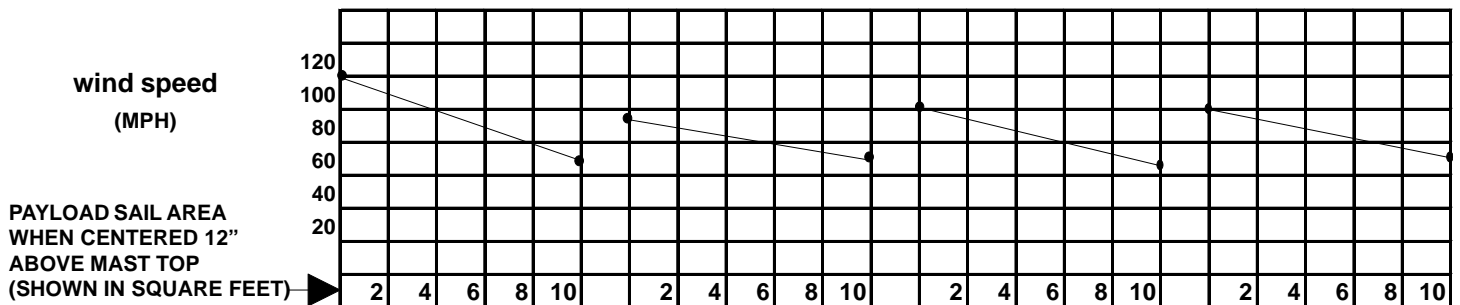


MODEL NAME	5110591(1)	5035601(2)	5035600(2)	5035602(2)
PAYLOAD CAPACITY	150 LBS (68 kg)	150 LBS(68kg)	600 LBS(272kg)	600 LBS(272kg)
EXTENDED HEIGHT	25'	37'	42'	72'
	7.6m	11.3m	12.8m	21.9m
NESTED HEIGHT	5'-8"	6'-9"	14'-6"	18'
	1700mm	2025mm	4350mm	5400mm
MAST WEIGHT*	100 LBS.	300 LBS.	550 LBS.	1100 LBS.
NUMBER OF SECTIONS	6	9	4	5
TUBE DIAMETER RANGE	6.75" -3"	9" - 3"	9.6" - 6.5"	11" 6.5"
COLLAR MATERIAL	ALUMINUM	STEEL	STEEL	STEEL
COLLAR TYPE	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING
MAXIMUM OPERATING PRESSURE	35 PSIG	35 PSIG	35 PSIG	35 PSIG
PROGRAMS USED ON	AN/TRQ-32(V)	TAC-JAM	TRAILBLAZER	PATRIOT

(1) Developed in cooperation with Magnavox Electronics Systems Company, Fort Wayne, IN for the U.S. Army

(2) Developed in cooperation with GTE Government Systems Corporation (Electronic Defense),

Mountain View, CA for the U.S. Army.



DISTRIBUTED BY:

Direction Technology, Inc. PO Box 911, Centreville, Virginia 20122-0911

(703) 222-6275 Phone (703) 222-1096 Fax email: dtione@erols.com Website:directionfinder.com

