

ASSEMBLING THE JUNGLE TOWER



PACKING LIST
FOR MAST AB-155()/U

GUYTRONICS, INC.
SCRANTON, PENNA.

DLA-900-87-C-0604

ITEM NO.	FEDERAL STOCK NO. 5985-00-507-6261	NOMENCLATURE	U/M	IN USE	QTY RUN	REQ'D SPARE	TOTAL
1-1	5920-497-8634	Carrying Device MX-387/GRA-4 SCD-28057	EA	1	0		1
1-2	5820-221-1563	Cover, CW-124/GRA-4, SCD 28056	EA	1	0		1
1-3	5325-497-8640	Guy Fastener MX-379/U, SCD 28050	EA	4	2		6
1-4	5820-224-4638	Guy Plate MX-378/U SCB-28049	EA	3	2		5
1-5	5975-503-0702	Guy MX-381/A GRA-4 (Center) SCD-28053 GRI	EA	4	0		4
1-6	5975-538-0199	Guy MX-382/A GRA-4 (Lower) SCD-28053 GRII	EA	4	0		4
1-7	5975-503-0733	Guy MX-383/A GRA-4 (upper) SCD-28053 GRIII	EA	4	0		4
1-8	5985-228-8064	Halyard, MX-516A/GRA-4, SCD-28054	EA	1	0		1
1-9	5120-203-4656	Hammer, engineers, Double face 2 1/2 lb. GGG-H-86, Type X, Class 1	EA	1	0		1
1-10	5820-240-8233	Mast Base, AB-154/U, SC-DL-182925	EA	1	0		1
1-11	5985-636-2420	Plate, Mast Base, SCB-84299	EA	1	0		1
1-12	5820-227-7168	Mast Section, MS-44, SCD-1155	EA	8	0		8
1-13	4030-181-5263	Guy Stake, Metal SC-DL-33999, 18-1/4 in. lg.	EA	4	2		6
1-14	5510-187-5267	Stake, wood, 1-1/2 in. dia. x 30" lg. SCC-22005	EA	4	0		4
1-15	5985-453-9439	Tripod Adapter Mast AB-1089()/U DL-SC-B-459357	EA	1	0		1

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Assembling Jungle Tower with Tripod Adapter

Using the Tripod Adapter with the antenna masts will quickly raise your J-pole up 18 feet. The assembly will withstand 25mph winds without guying. As a safety precaution will guy our antenna assembly.

1. Set guy stakes out 15 ft. from the center 120 deg. apart. 3 masts assembled together will measure 15 ft.
2. Insert 1 mast section into Tripod Adapter for each leg.
3. Assemble 2 mast sections and insert guy plate over top section
4. Attach 32 ft. (Blue) guy lines
5. Attach Jpole to top mast
6. Attach coax to mast with Ty Wraps or Tape
7. Adjust Tripod so the legs are pointing in between guy stakes
8. Insert antenna mast into Tripod Adapter
9. Insert 2d mast in legs of Tripod.
10. Attach guy lines to appropriate guy stakes and tighten guy lines so the mast maintains a vertical position

Set tower two times the height of the tower away from power lines or objects including generators

Assembling Jungle Tower without the Tripod Adapter

Using the Tripod Adapter with the antenna masts will quickly raise your J-pole up 18 feet. Stacking all the antenna mast together the J Pole can be raised to a height of about 40 feet safely.

1. Set guy stakes out 25 ft. from center 120 deg. apart. 5 masts assembled together will measure 25ft.
2. Drive Mast Base Swivel Ground Stake into the ground through the Mast Base Plate. Be sure the swivel faces the front guy.
3. Install 3 mast sections and insert guy plate over the third section. Insert the mast into Mast Base Swivel Ground Stake. The mast must lay opposite the front guy. The assembly will be raised towards the front guy.
4. Assemble 2 more sections and insert guy plate over fifth section.
5. Assemble 3 more sections and insert guy plate over eighth section.
6. Attach 32 ft. (Blue) guy lines to the bottom guy plate.
7. Attach 42 ft. (Gold) guy lines to the center guy plate.
8. Attach 52ft. (Black) guy lines to the top guy plate.
9. Attach J-Pole to top mast
10. Attach coax to mast with Ty Wraps or Tape
11. Attach guy lines to appropriate guy stakes.
12. Raising the assembly will require a team of 4 people. Safety First!! Personnel must wear their Hardhats.
13. One of the team members will be positioned near the top of the antenna. The other members will take positions at each guy stake. Personnel will insure that all guy lines are not tangled up before raising the mast.
14. The team member who is at the top of the assembly will start raising the mast by walking the towards the Mast Base Plate and raising the mast at the same time. As the mast is going up the team members at the side guy stakes will keep tension on the their top guy.
15. The team member who is on the front guy will assist in raising the mast by pulling on the top guy.
16. When the mast is vertical, the team member not manning the guy lines will advise the other members how much tension to place on the mast for the adjustments.

NOTE: Set tower 2 times the height of the tower away from power lines or other objects including generators