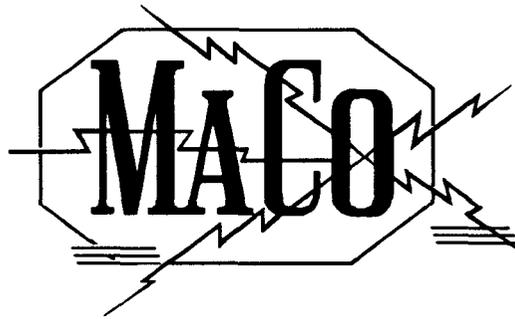
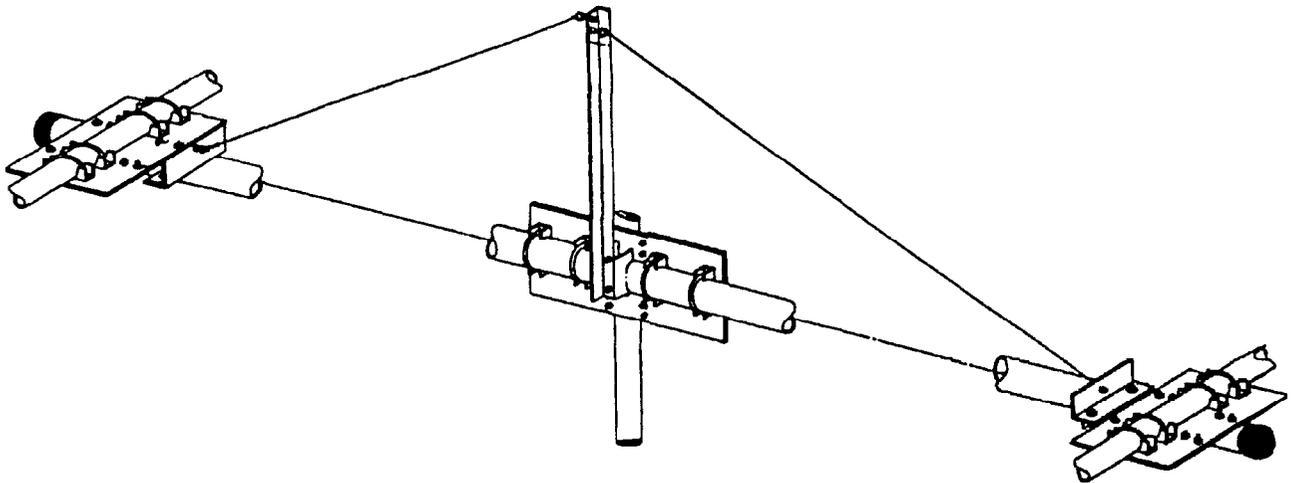


ASSEMBLY INSTRUCTIONS



MAXIMUM BEAM
STACK KIT FOR
M103C THROUGH M107C



MBSK

Maco Manufacturing Co. - Division of Majestic Communications, Inc.
4091 Viscount - Memphis, Tennessee 38118 (901) 794-9494

MACO MBSK

PARTS LIST

<u>PART</u>	<u>QTY</u>	<u>O.D.</u>	<u>SIZE</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>	<u>CHECKLIST</u>
P01	1		5"x1/4"	8"	2" Boom to 2" Mast Plate	_____
V01	1		1"x1"	18"	Guy Support	_____
T61	1	1.685"	.070"	18"	Alum. Tubing	_____
T53	2	1.832"	.060"	80"	Alum. Tubing	_____
T21	2	2"	.057"	80"	Alum. Tubing	_____
WD2	1		6/18	25'	Steel Guy Cable	_____
WH2	1				Phasing Harness	_____
MBSK	1				Instructions	_____

HARDWARE BAG

U01	11		2 ^m		Plated U-Bolts	_____
S01	11		2"		Plated Saddles	_____
N18	4		5/16"	4"	Eyebolts	_____
N01	30		5/16"		Hex Nuts	_____
NO2	22		5/16"		Lockwashers	_____
PL5	2		2"		Plastic Caps - Black	_____
BG2	2		2"BOOM		Boom-to-Guy Mounts	_____

WHEN ORDERING REPLACEMENT PARTS, ALWAYS GIVE PART NUMBER AND DESCRIPTION.

PLEASE NOTE: In an effort to keep the price on Maco Antennas down, we have decided not to clean up all the burrs and rough edges on the parts. We recommend that you deburr and clean up each part with files, sandpaper, etc. so that they go together easily. We are aware this needs to be done, but have elected not to do it to save you the money we would have to add to the price of the kit for this service.

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ASSEMBLY INSTRUCTIONS

FIGURE 1A

Slide the 1.832" O.D. reinforcing sections completely inside the 2" O.D. boom sections.

Slide the 18" coupler section half way into one of the above, then slide the other section over the coupler. Be sure the coupler remains centered during the next step of assembly.

FIGURE 1B

Attach the boom-to-mast plate to the boom with 2" U-bolts and saddles and 5/16" lockwashers and hex nuts. Before fully tightening the U-bolts, reverse another U-bolts at boom center so that it faces away from the plate and mount the guy support as shown.

FIGURE 2A

Attach the eyebolts to the guy support as illustrated.

FIGURE 2B

Mount the boom-to-guy supports as shown making certain that the plates are spaced properly. Complete the guy system as shown in the illustration.

FIGURE 3

Figures 3A & 3B shows only M105C and M106C, however, the same basic data applies to M103C through M107C.

It is easier to tune each beam separately in the horizontal position on a pipe 9' above the ground; then assemble, rather than to try tuning when stacked.

Connect the phasing harness coaxial connectors to the gamma matches of your Maxi Beams. Tape the harness along the booms and down the mast. Any length of RG8 or RG58 may be connected to the phasing harness.

MACO MANUFACTURING, 4091 VISCOUNT AVE., MEMPHIS, TN 38118

For parts or information call (901) 794-9494.

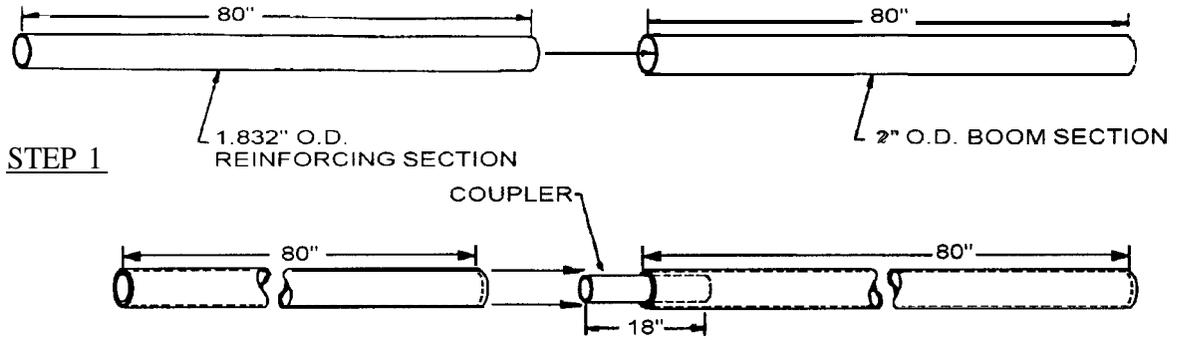
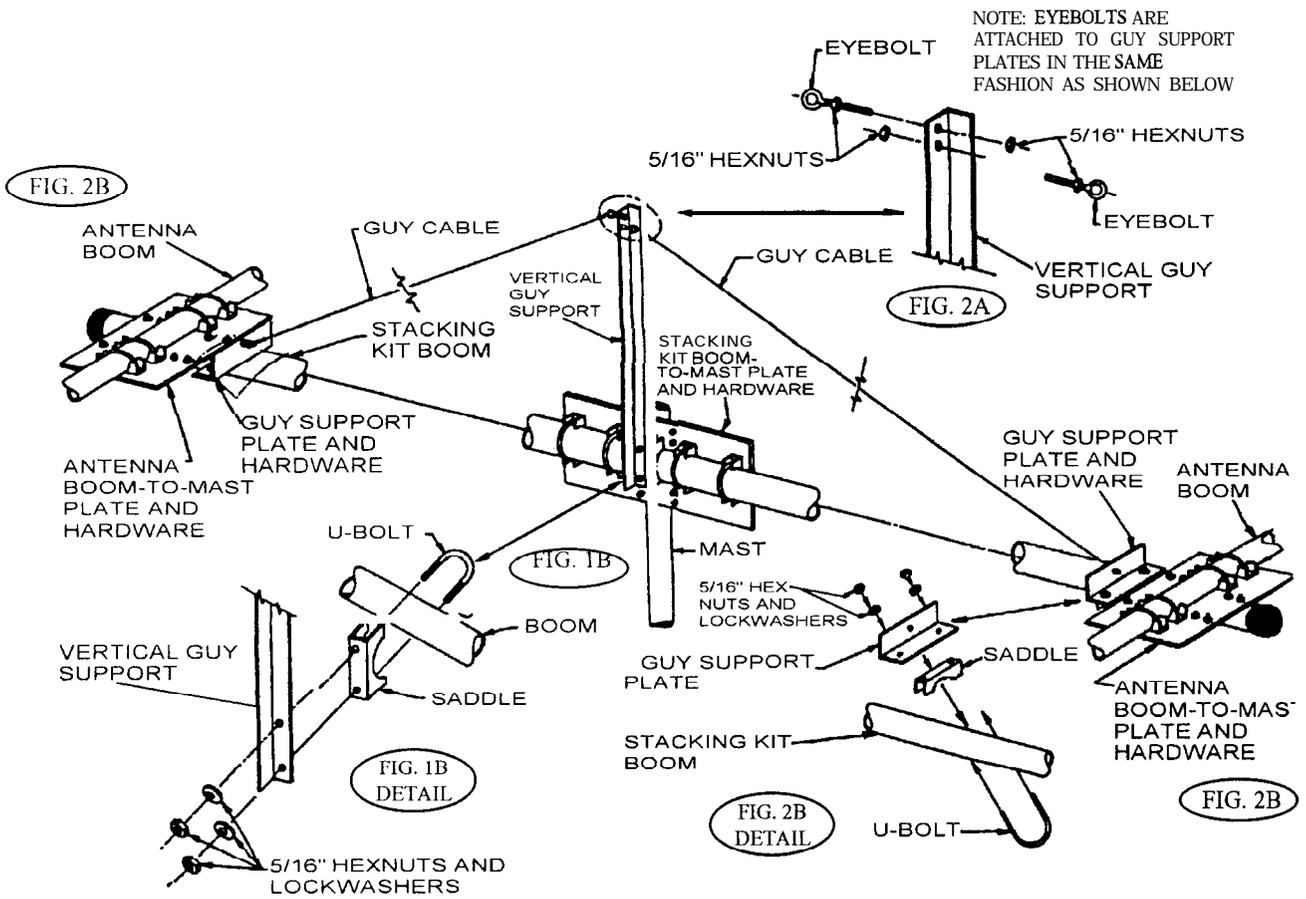


FIG. 1A

BOOM ASSEMBLY
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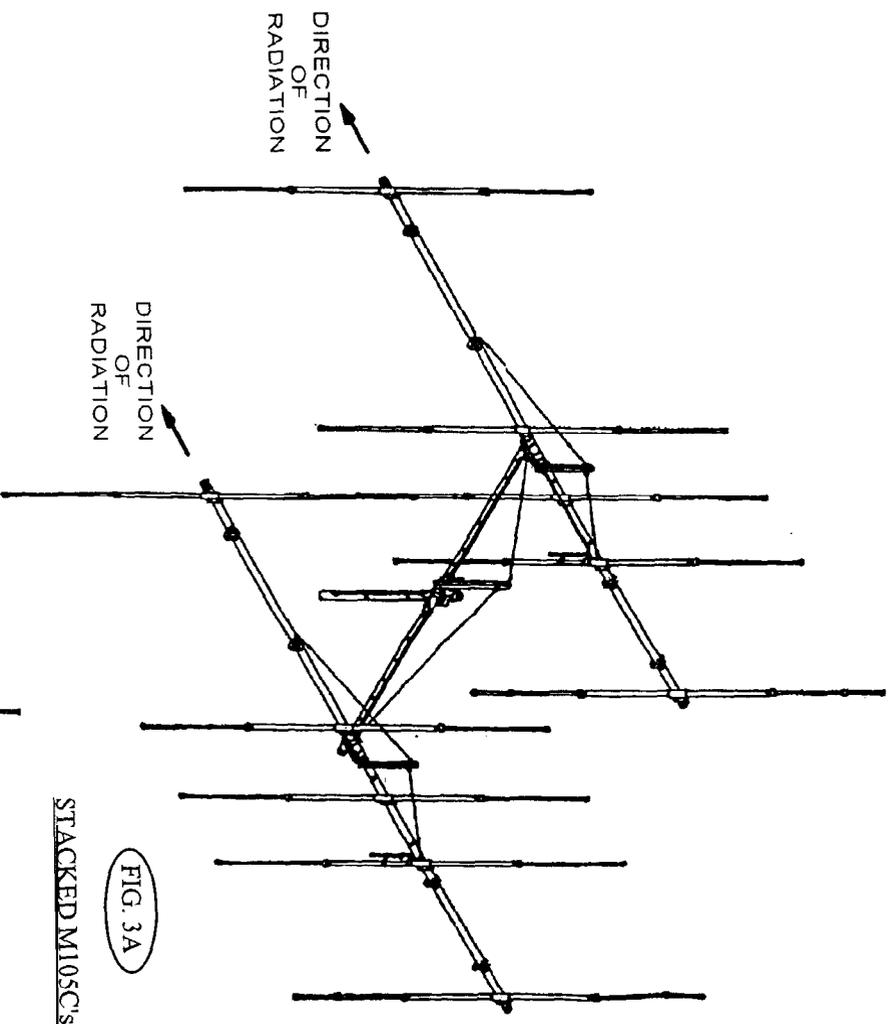


FIG. 3A

STACKED M105C'S

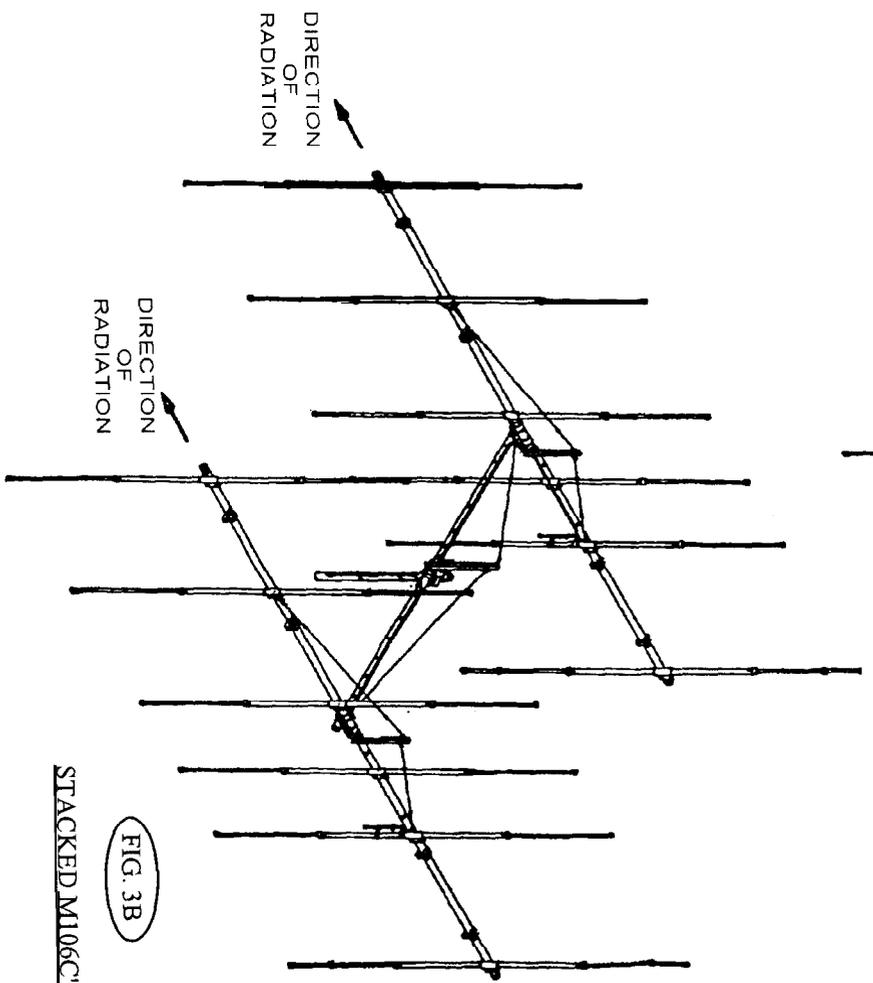


FIG. 3B

STACKED M106C'S