

PARTS PACKAGE

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
1	2" U-Bolt -----	6
2	1-5/8" U-Bolt -----	4
5	5/16" Lock Washer -----	26
6	5/16" Hex Nuts -----	26
10	#8 Internal Tooth Lock Washer -----	3
11	8-32 Stainless Steel Hex Nut -----	3
26	8-32 x 1" Stainless Steel Mach. Screw -----	1
27	5/8" Plastic Cap -----	8
31	2" x 4" U-Bolt -----	1
32	3-1/2" U-Bolt Bracket -----	1
33	3-1/2" U-Bolt Backing Plate -----	1
34	2-1/2" U-Bolt -----	4
35	3-1/2" Machines Aluminum V-Block -----	4
36	3/8" Lock Washer -----	8
37	3/8" Hex Nut -----	8
83	1/4 - 20 x 1-1/4" RH S.S. Mach. Screw -----	2
84	1/4" Stainless Steel Lock Washer -----	2
85	1/4 - 20 Stainless Steel Hex Nut -----	4
98	2-1/8" x 3" U-Bolt -----	2
99	2" Plastic Cap -----	2
100	Feed Straps -----	2
101	Balun Clamp for 2-1/8" dia. -----	1
102	1-5/8" Plastic Caps, with 7/8" holes -----	8
103	1-1/2" Plastic Caps, with 3/4" holes -----	12
G-8	3/4" Telescope Clamp -----	8
G-9	7/8" Telescope Clamp -----	8
G-10	1" Telescope Clamp -----	6
G-11	1-1/8" Telescope Clamp -----	6
G-12	1-1/4" Telescope Clamp -----	6
G-19	2-1/8" Telescope Clamp -----	2

Your Cush Craft ATB-34 Tri-Band beam is engineered and manufactured to give top performance and trouble-free service. It will perform as specified if the instructions and suggestions are followed and if care is used in assembly and installation.

**Masting:** The mast mounting bracket for the ATB-34 will take up to a 2-1/2" O.D. mast. A 2" O.D. or larger heavy wall mast is highly recommended in locations where weather conditions are severe. Refer to Figure 5 for mounting details.

**Rotator:** A good heavy duty amateur style rotator will provide the best service and longest life.

**Mounting:** A VHF antenna may be mounted a multiple of a 1/2 wavelength (VHF) above the ATB-34, the minimum recommended distance being 6 feet.

**Location:** Location of the antenna is extremely important. Surrounding objects such as trees, power lines and any objects of large size will seriously reduce the efficiency of the antenna. To minimize the effects of surrounding objects, mount the antenna as high and in the clear as possible. Metallic guy wires may be broken up with strain type insulators to eliminate resonances. The ATB-34 should be mounted a minimum of 33 feet above ground, although greater heights are preferable. This minimum distance approximates one half wavelength of the lowest frequency (20 meters) of the yagi.