

MOUNT ASSEMBLY

The MOUNT assy. consists of a 4" sq. tube, the polar "L", turnbuckle and weatherproof housing. (Ref: photo #2)

1. The polar "L" is inserted between the mounting plates on top of the 4" square tube, and is attached using a 5/8" x 3 1/2" bolt, lockwasher and 5/8" nut.
2. The turnbuckle is attached to the polar "L" and to the plate on the back of the 4" square tube using two 5/8" x 1 1/4" bolts and lockwashers, with the longer piece of the turnbuckle attached to the plate on the 4" square tube.

THE PROPER HOLE IS THE ONE THAT WILL ALLOW YOU TO OBTAIN THE REQUIRED ELEVATION! (REFERENCE STEP #1 ANTENNA ALIGNMENT PROCEDURE)

3. Attach weatherproof housing to the mounting plate on the 4" square tube using two 1/4" x 1" bolts and 1/4" nuts.
4. After the concrete has set up, slide the mount assembly over the 3" schedule-forty pipe.
5. FIND TRUE NORTH/SOUTH.

Determine from a civil engineer or airport the MAGNETIC DEVIATION for your area. Using a compass or surveying instrument, adjust the FRONT of the mount to TRUE SOUTH. Tighten the four 5/8" x 1 1/4" set bolts. (Ref. photo 2)

ANTENNA ASSEMBLY

NOTE: DO NOT TIGHTEN ANY HARDWARE UNTIL THE HUB, RIBS AND RINGS ARE COMPLETELY ASSEMBLED.

1. Attached to one rib is the mounting bracket for the azimuth adjusting tube (Ref: photo 16). This rib should be mounted at a 90° angle to the hole pattern for the declination assembly on the back plate. If you live west of 110° west longitude the rib with the azimuth adjusting tube bracket should be to the left as viewed from the back of the antenna. If you live East of 110° west longitude this rib should be to the right (Ref: photo 3)

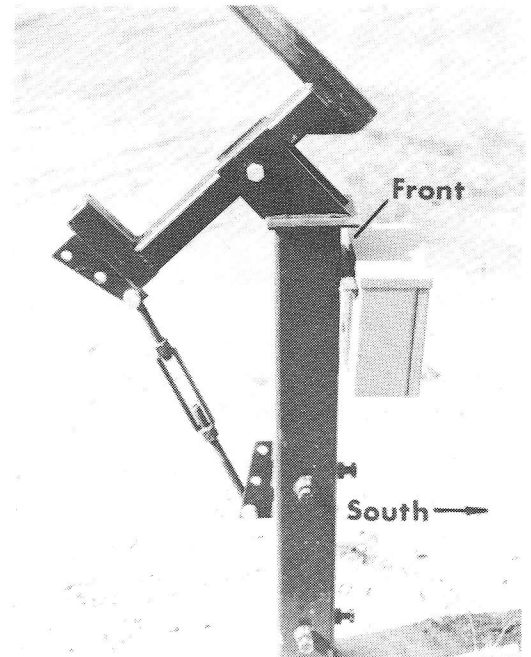


Photo 2

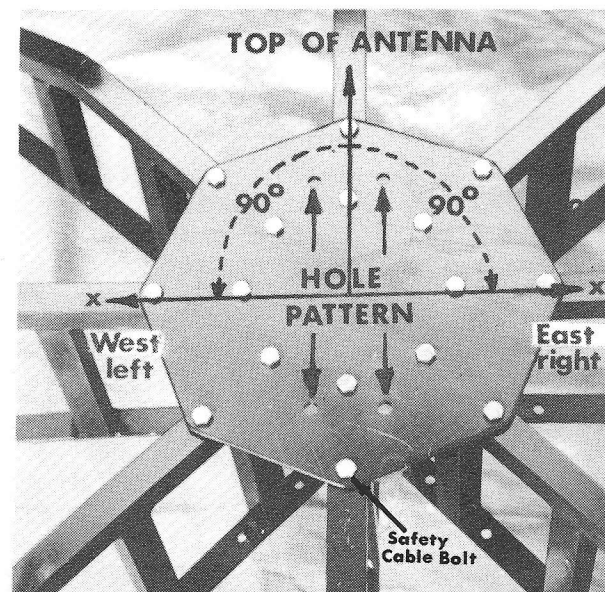


Photo 3