5. It is necessary to search for the first satellite. Refer to "Satellite Location Guide" (found on pg 18). First, locate your area on the map - Next, determine the most southerly satellite from your location. Start with antenna balanced, or centered, on mount. To begin searching, turn on SCAN TUNE. If your receiver is NOT so equipped, have someone slowly tune the receiver through the transponders. Now, turn antenna, using the azimuth tube, slightly left or right from mid-position in the direction of "your" satellite.

   Systematically search for a satellite by making one-turn-at-a-time adjustments of the ELEVATION TURNBUCKLE. With each adjustment of elevation SLOWLY swing the antenna from east to west, using the AZIMUTH ADJUSTMENT, while looking for a signal on your TV.

   IF NO SIGNAL IS TO BE FOUND:
   - A. Re-check all wires, cables and connections.
   - B. Check TV Tuner for proper channel.
   - C. Check NORTH/SOUTH ALIGNMENT of mount.
   - D. Check elevation setting.

6. WHEN YOU FIND YOUR FIRST SATELLITE:

   A. Turn off scan tune and adjust to an active transponder.

   B. Carefully adjust elevation and azimuth to MAXIMUM SIGNAL STRENGTH using SIGNAL STRENGTH METER on receiver. Or if available, use a digital or analog Volt-Ohm meter (VOM). You may also adjust visually by observing the TV for best picture.

      Make a <u>temporary</u> mark on the azimuth tube, with a marking pen or such, indicating each satellite found.

   C. Turn on SCAN TUNE and swing antenna LOOKING FOR OTHER SATELLITES. IF NO OTHER SATELLITES ARE VISIBLE, THE MOUNT IS <u>NOT</u> ALIGNED TO TRUE NORTH/SOUTH. To correct this situation,

      A. Systematically make SMALL adjustments to NORTH/SOUTH alignment. With each NORTH/SOUTH adjustment, an adjustment of ELEVATION and AZIMUTH must be made.

      B. Continue systematic adjustment until ALL satellites are visible with only EAST-WEST (AZIMUTH) ADJUSTMENT REQUIRED.

7. FINE-TUNING OF ANTENNA MOUNT.

   A. Swing antenna to the most westerly satellite.

   B. Adjust azimuth and elevation for ABSOLUTE MAXIMUM SIGNAL.

   C. Swing antenna to most EASTERLY satellite.