

tower, which necessitated skewing the antenna boom with respect to the swing arm a bit so as to clear the tower with the element close to the tower. It also allows fine tuning the antenna direction with respect to straight south if your tower orientation isn't exactly correct.

Using Ham-Ms or Tailtwisters, I suggest using the natural south stop with the swing arm oriented about an inch away from the tower (antenna pointing south) and marking inside the control box to stop turning at 250° (as this should also be very close to the tower going the other way).

One advantage of using Ham-Ms or

Tailtwisters is that they have such a low turning torque that you don't have to worry about someone turning the swing arm into the tower as there isn't enough torque to hurt the tower. If you use prop pitches, be careful as there isn't too much that will stop an energized prop pitch. I suggest making a model of scrap wood before cutting any metal to see on which side of the tower to put the rotator and which way to orient antennas, etc.

If you are using a prop pitch rotator, then I would eliminate the lower 3/8-in. plate and use the bearing plate from the prop pitch (bolt directly to the aluminum angle).