

IMPORTANT SAFETY INFORMATION!

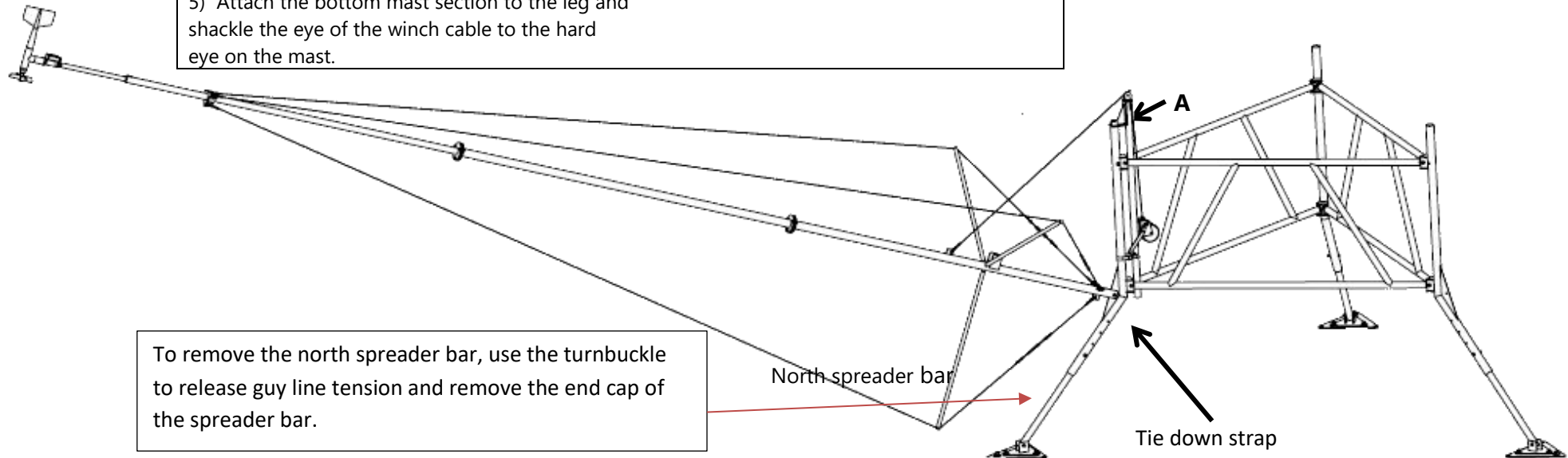
- **Maximum weight of mast and equipment is 21.2 kg (46.8 lbs)**
- **When raising/lowering the mast:**
 - **Keep the area in the mast's fall zone (maximum length and width of the mast assembly plus 1m (3 ft) in all directions) clear of personnel and equipment.**
 - **Ensure the winch brake is engaged at all times to prevent the mast from falling.**

A. SETTING UP THE TOWER/RAISING THE MAST

- 1) Once the legs and side frames are assembled, the winch can be used to support the mast during assembly and raise it into position. It replaces the hold back cable during the setup process.
- 2) Release the hook used to secure the cable during winch storage and spool out 4-5 feet of cable.
- 3) Insert the winch support into the top of the leg to which the mast will be located, oriented as shown. Refer to page 2 for a detailed image.
- 4) Firmly secure the bottom portion of the winch assembly with the tie down strap as shown on p.2.
- 5) Attach the bottom mast section to the leg and shackle the eye of the winch cable to the hard eye on the mast.
- 6) Reduce the slack in the winch cable to support the mast above ground level and complete mast assembly including attaching equipment. Use the winch spool and handle to adjust the angle of the mast as required to aid in assembly.
- 7) Winch the mast to its upright position and secure in accordance with tower assembly instructions.
- 8) Remove the winch.
- 9) Slide the large eye of the hold back cable over the corner post and shackle the running end to the hard eye on the mast.

B. LOWERING THE MAST

- 1) If access to the wind speed sensor is required, the north facing spreader bar must be removed to lower the mast sufficiently.
- 2) Release the hook used to secure the winch cable during storage. Note: Only applicable for the 20-foot tower.
- 3) Unshackle the safety tether cable from the hard eye on the mast.
Note: Safety tether is not included with 10M tri-leg variants.
- 4) Insert the winch assembly into the tri-leg base.
- 5) Firmly secure the bottom portion of the winch assembly with the tie down strap.



To remove the north spreader bar, use the turnbuckle to release guy line tension and remove the end cap of the spreader bar.

North spreader bar

Tie down strap

DETAILED VIEW OF WINCH PLACEMENT



SECURING THE TIE DOWN STRAP

- 1) Wrap the strap around the leg and slide the hooks into the opposite loops.



- 2) Firmly tighten the strap removing all slack so winch will be unable to move under strain.

