

Site Preparation Checklist

The following checklist has been prepared with the intension of making the Automated Weather Observing System (AWOS) site preparation process smoother and less frustrating for the site prep contractor.

- _____ 1. Determine if a site survey is required. Follow FAA Order 6560.20 (latest version) "[Siting Criteria for Automated Weather Observing Systems \(AWOS\)](#)". Pay close attention to the criteria for trees and buildings in relation to the wind sensor.

- _____ 2. Record the latitude, longitude (both within one arc second) and site elevation for the both the AWOS site and the VHF/UHF radio located at the terminal building with the PC. Required when applying for the VHF/UHF license.

- _____ 3. FAA Form 7460-1 "Notice of Proposed Construction or Alteration". Who will be completing and submitting this form to the FAA? Submit as soon as possible.

- _____ 4. DO NOT start any site preparation work until the 7460-1 has been approved.

- _____ 5. FCC Application for VHF and/or UHF licenses. Who will be completing and submitting this form to the FCC? Start immediately AFTER receipt of the approved 7460-1. <http://wireless.fcc.gov/uls/>

- _____ 6. Obtain a copy of the AWOS "Site Preparation Manual". Copies may be downloaded from our website. <http://www.allweatherinc.com/>

- _____ 7. Read the "Site Preparation Manual" carefully. Page 12 of the manual contains a list of materials required for the job and figure 3 list the power requirements.

- _____ 8. Ensure the correct drawings are used depending on the type tower (stacked or fold over) and the number of pads required (visibility, cloud height and lightning).

- _____ 9. "AWOS Site Information Data" form. Fill in the information and fax to AWI. This form can be found on our website under AWOS.

- _____ 10. AWOS airport name for voice broadcast. Ensure the correct name is used for broadcast over the airways. Sometimes the official airport name is different then what the customer wants broadcast.

- _____ 11. "Notice to Proceed with Weather Equipment Installation" form. After the site preparation is complete, date and sign this form and fax to AWI. This form can be found on our website under AWOS.

- _____ 12. Coordinate with AWI a time schedule for the installation of the sensors. And DO NOT open any box that has the label: "For AWI Technician"