

Station Three

ARRL Field Day 2016
Loudoun Amateur Radio Group

Tower Setup

AB-577 assembly on the
morning of July 24th



Tower Setup

Installing the antenna



Tower Setup

Installing the antenna



Tower Setup

Getting the antenna rotor ready



Tower Setup

Attaching the antenna to the
rotor



Tower Setup

Attaching the antenna to the rotor



Tower Setup

Attaching the antenna to the rotor



Tower Setup

Attaching the mast



Tower Setup

Mast attached



Tower Setup

Securing the mast



Tower Setup

Securing the mast



Tower Setup

Securing the mast



Tower Setup

Securing the mast



Tower Setup

KM4EKZ holding a ladder



Tower Setup

Getting the coax ready



Tower Setup

Someone's gotta keep us
organized



Tower Setup

Staying hydrated



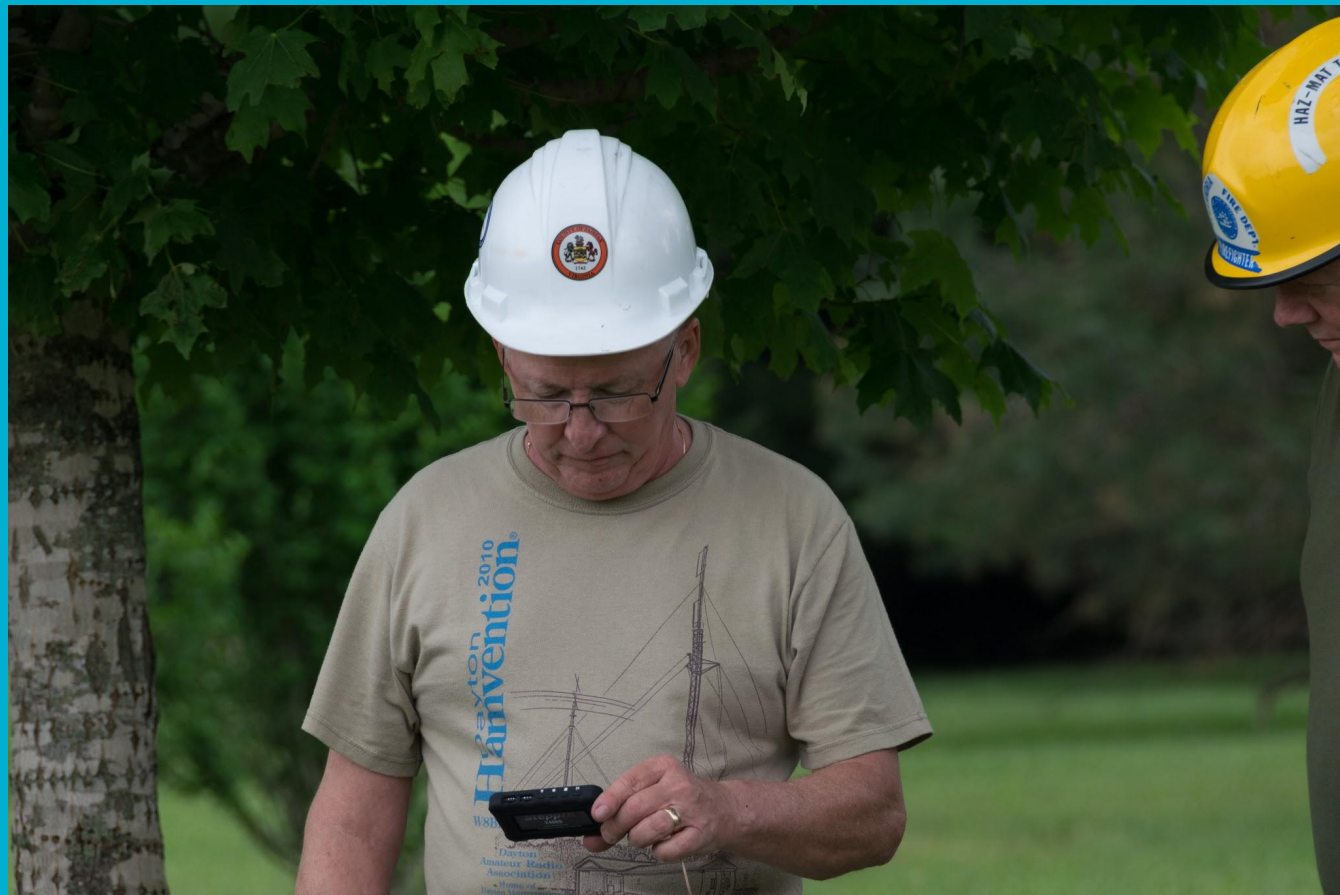
Tower Setup

Checking our work using
NC4S's antenna analyzer



Tower Setup

Checking our work using
NC4S's antenna analyzer



Tower Setup

Checking our work using
NC4S's antenna analyzer



Tower Setup

Checking our work using
NC4S's antenna analyzer



Tower Setup

Attaching the coax



Tower Setup

Attaching the coax



Tower Setup

Attaching the coax



Tower Setup

Attaching the coax



Tower Setup

Attaching guy wires



Tower Setup

Finishing up at the top



Tower Setup

Unlocking the mast so it can be raised



Tower Setup

Cranking it up



Tower Setup

Getting the new segment in place. Alignment is critical.



Tower Setup

Getting the new segment in place. Alignment is critical.



Tower Setup

Mast segments bound
together



Tower Setup

Adding another segment



Tower Setup

Place a new segment at the bottom and tip it forward



Tower Setup

Place a new segment at the bottom and tip it forward



Tower Setup

The coax needs to be fed up
and kept out of the way



Tower Setup

The antenna as it's being
raised



Tower Setup

Feeding guy wire



Tower Setup

Feeding guy wire



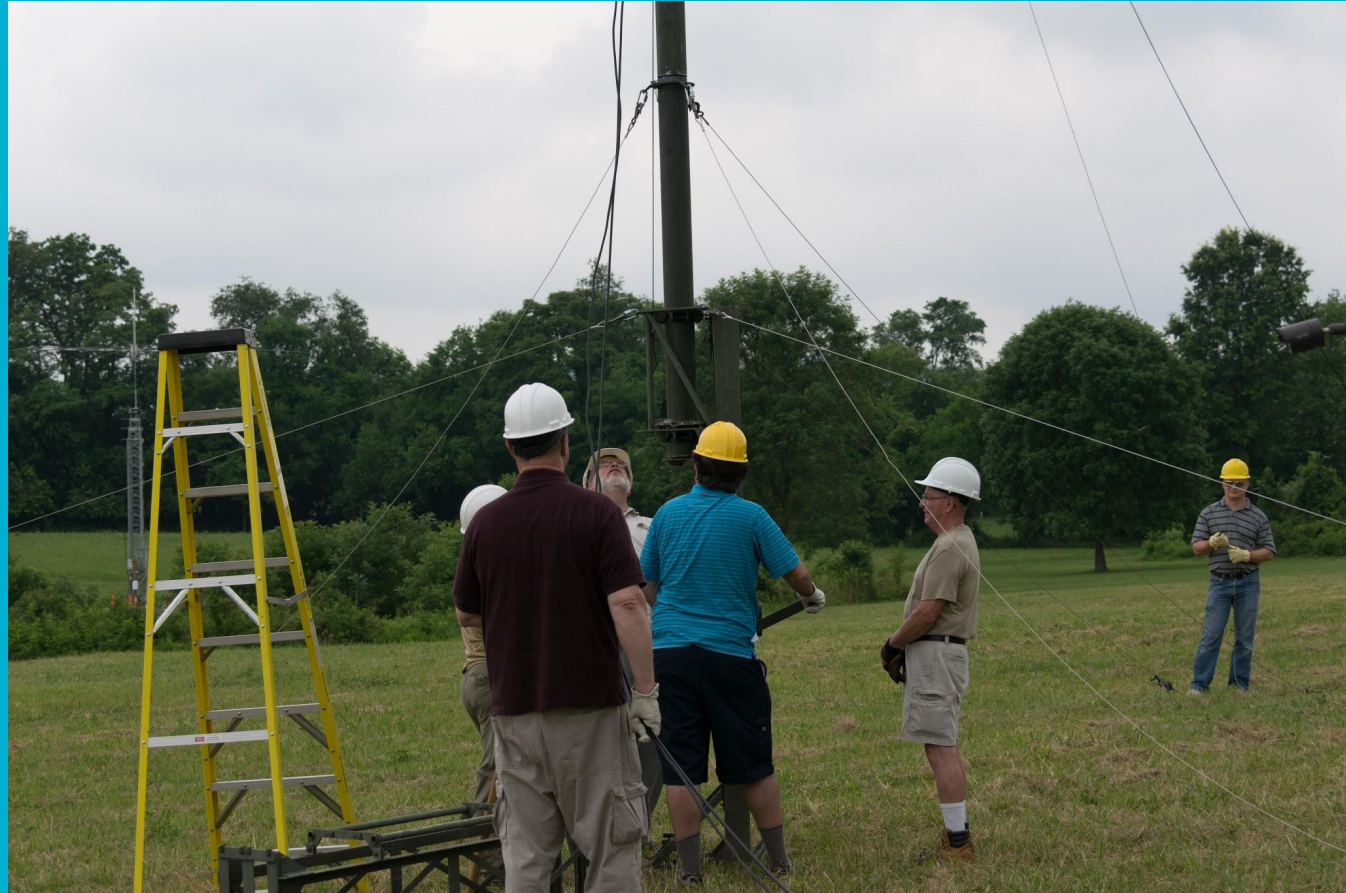
Tower Setup

Feeding guy wire



Tower Setup

Almost there



Tower Setup

Almost there



All Done



Tower Is Up

Station Three's and Station
Four's antennas



Tower Is Up

Station Three's and Station
Four's antennas



Power

A generator and extra fuel
for Station Three



Tower Setup

Station Three



Tower Teardown

AB-577 disassembly on the
evening of July 26th

