



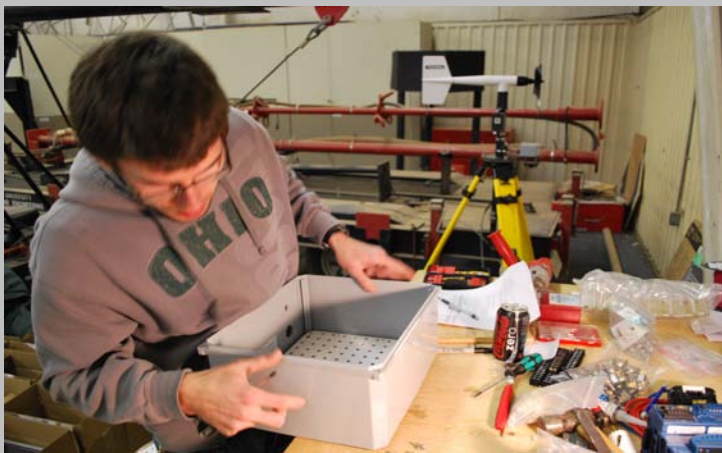
TEXAS TECH UNIVERSITY

# Wind Science and Engineering Research Center

## Bi-Weekly Newsletter: Faculty, Staff, and PhD Student Updates

**StickNet Upgrade Underway:** The TTU Hurricane Research Team is overhauling the 12 StickNet probes to provide them with real-time data capabilities. The spring clean also includes a new instrument wiring configuration, more rugged instrument connectors, and a new more water-tight data acquisition enclosure. The upgrade is funded through Dr. John Schroeder's ARP Program grant through the State of Texas. Real-time data from these probes will be available for the 2011 Hurricane Season which starts later this year.

*(Below) – Undergraduate student Colton Ancell works on dismantling an old StickNet data enclosure. (Bottom pic) - WISE PhD student Rick Krupar works on a new data acquisition box. (Photos: Ian Giammanco.)*



### Birds-Eye View of Alstom Turbine:



*(Above) – Photo of the Alstom wind turbine located out at the Reese Technology Center. (Check lower left quadrant of pic.)*

Dr. Michael Giesselmann, professor in Electrical and Computer Engineering, flies for a hobby and was piloting a Piper Arrow PA-28R-200 at the time. He was at 2,200 feet above ground.

### Wichita Falls TV station in town for WISE research:



*(Above) Dr. Darryl James, professor in Mechanical Engineering, explains the principles behind the VorTech simulator at the Reese Technology Center. He was being interviewed by journalists from WAUZ-TV in Wichita Falls. Other faculty involved in the story were Dr. Ernst Kiesling and the safe room at Dr. Andy Swift's house.*