

Montrose Fire Department – Grain Bin Rescue



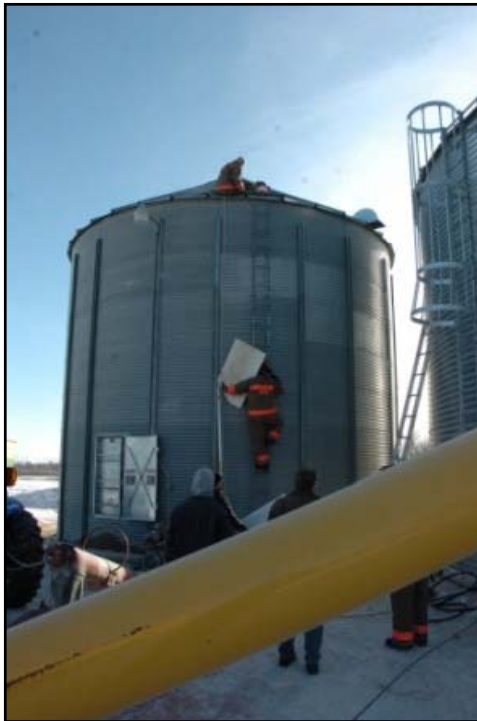
Presenter: Mike Marketon, Montrose Fire Chief

A map of the state of Minnesota, colored in bright green. A blue rectangle with a white border is overlaid on the western part of the state, containing a circular logo with a fire helmet and a cross. A yellow star is placed in the southern part of the state, with a red dot to its right. A red arrow points from the star down to the text below. The text reads "City of Montrose Wright County, Minnesota".

The Montrose Fire Department is comprised of 27 firefighters operating out of one fire station.

A photograph of the Montrose Fire Station. The building is a single-story structure with a grey facade and several large white garage doors. An American flag flies on a tall pole in front of the building. The sky is clear and blue.

Gaining Access to the Patient



Protecting & assessing the patient

- The patients' work partner served as a translator inside of the bin
- Patient buried up to his neck
- Plywood
- Five-gallon buckets

Buffalo Fire Department

- 34 active members
- Two fire stations
- Over 200 responses annually
- 105 foot aerial tower



Mutual Aid Requested



Monticello Fire Department

- 30 members
- Approximately 270 responses annually
- One fire station



Monticello Public Works

- Vac-Con Vacuum truck with crew

Mutual Aid Requested



Allina
Transportation

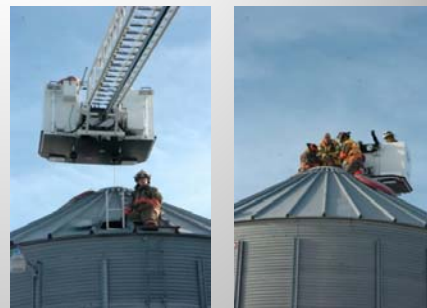


Storage Bin Hazards

If you must enter this bin:

1. Shut off and lock out all power.
2. Use a safety harness and safety line.
3. Station another person outside of the bin.
4. Avoid the center of the bin.
5. Wear proper breathing equipment or respirator.

- Fall hazards – slippery work surfaces
- Cold metal along with cold weather
- Augers
- Entrapment of rescuers
- Possible respiratory hazard



**Vacuuming grain
and preparing for
patient removal**



Getting the patient to the ground



Examining the patient and preparing for transport



Patient Outcome



Allina ambulance transported the patient to Buffalo Hospital. He was held for observation and released later in the day with no injuries.

Lessons Learned / Reinforced



- ✓ Planning & Training are Invaluable
- ✓ Evaluate Your Response Area for Special Hazards
- ✓ Mutual Aid Partners are Critical
- ✓ Specialized Resources May be Needed