

Health and Safety Managers Meeting
Cocoa Beach, FL
February 27 – March 1, 2007

John H. Glenn Research Center
Cleveland, OH.

Safety, Health, and Environmental Division
(SHED)



QS/Safety, Health, and Environmental Division

Safety, Health, and Environmental Division Mission

The Safety, Health, and Environmental Division enables mission success by ensuring that our customer and partner operations are safe, healthful, protective of the environment, and sustainable for future generations.

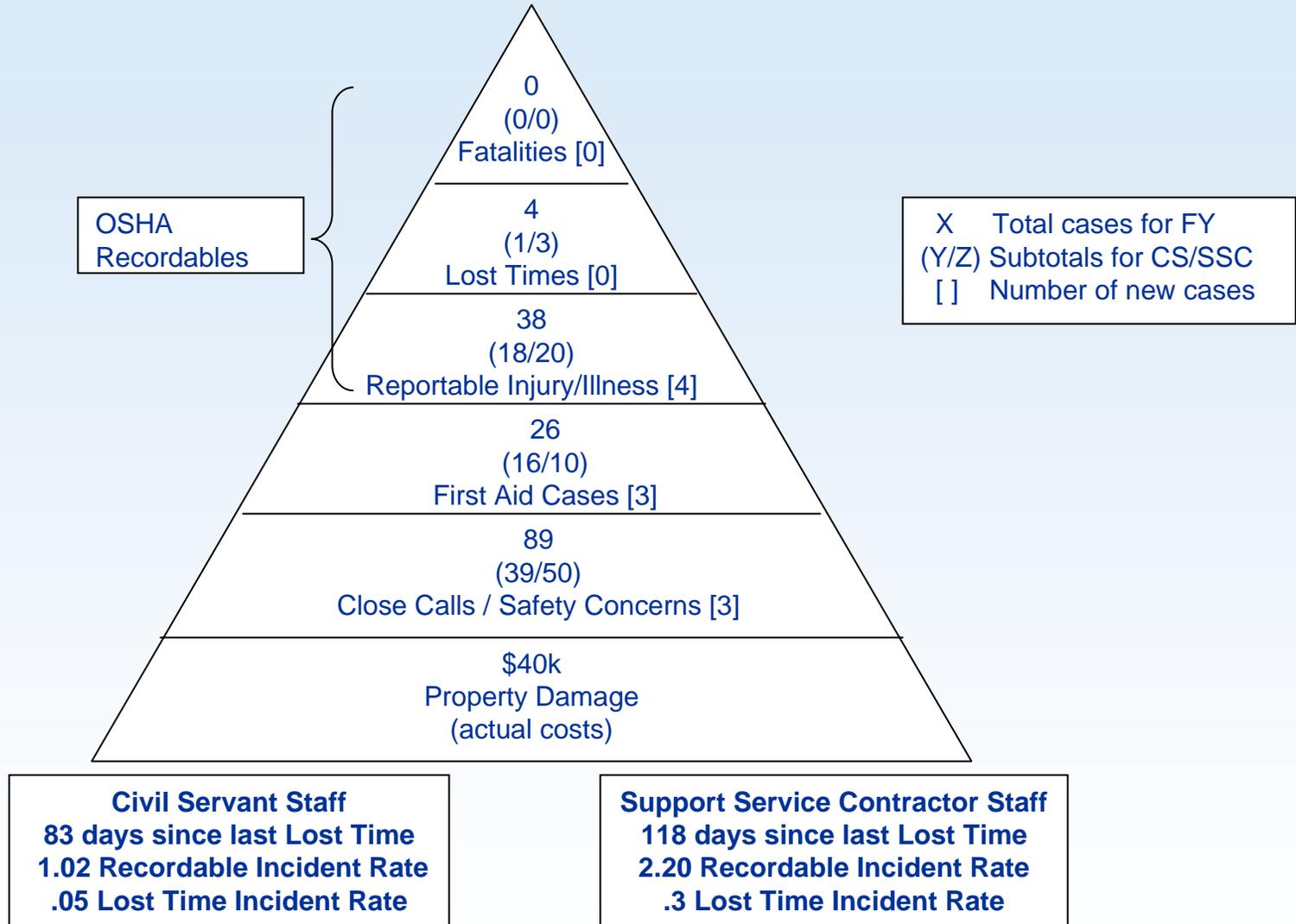
Division Chief: Manny Dominguez (216-433-6735)

2006 Safety Highlights and Statistics

- CY 06 data
- Pictometry and fire protection
- Emergency Response
- Safety Awards and Awareness
- Challenges for 2007



GRC Safety Statistics for Calendar Year (CY) 2006

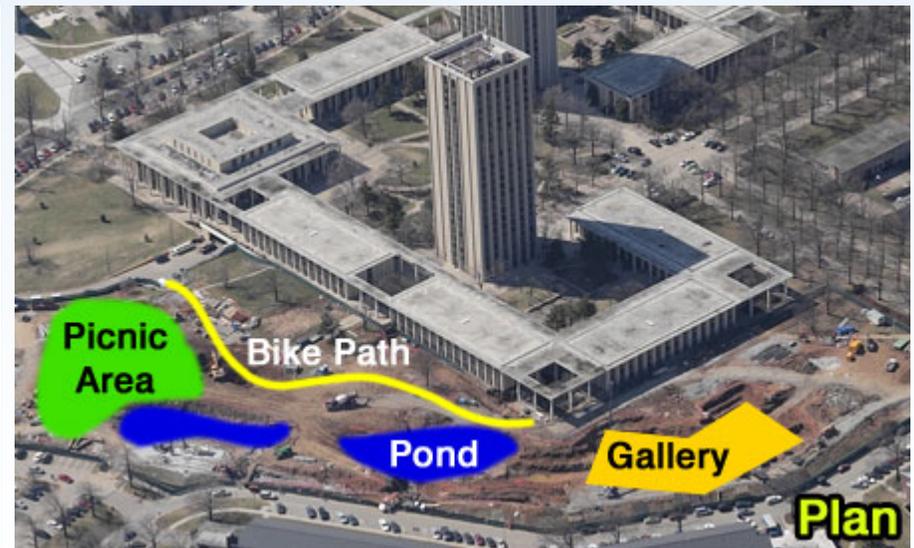
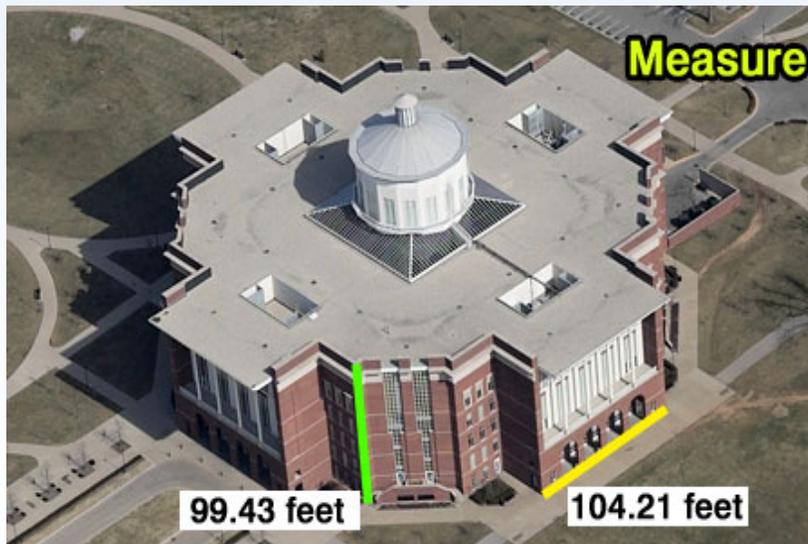


The collection data starts from January 1, 2006 – December 31, 2006

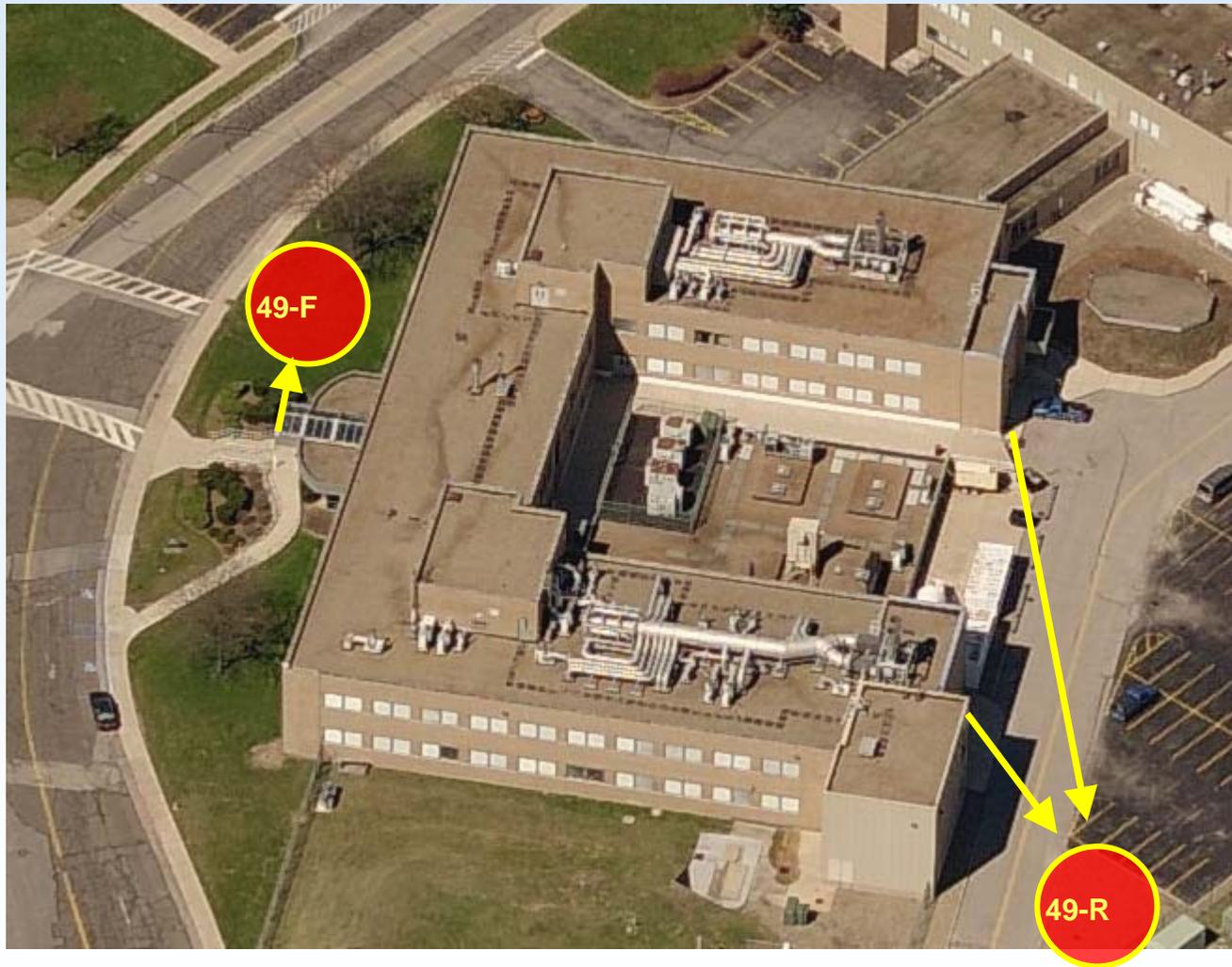
Pictometry

The GRC Safety Branch has purchased Pictometry software for the Lewis Field facilities. We plan to utilize this software as a centralized place for fire emergency response information. The software is essentially a series of orthographic and oblique aerial photos referenced on a coordinate system and incorporates numerous tools for linking data, taking measurements and making notations on the photos.

Contact : Mr. Gerald (Jerry) Piasecki, P.E. (216-433-8822)



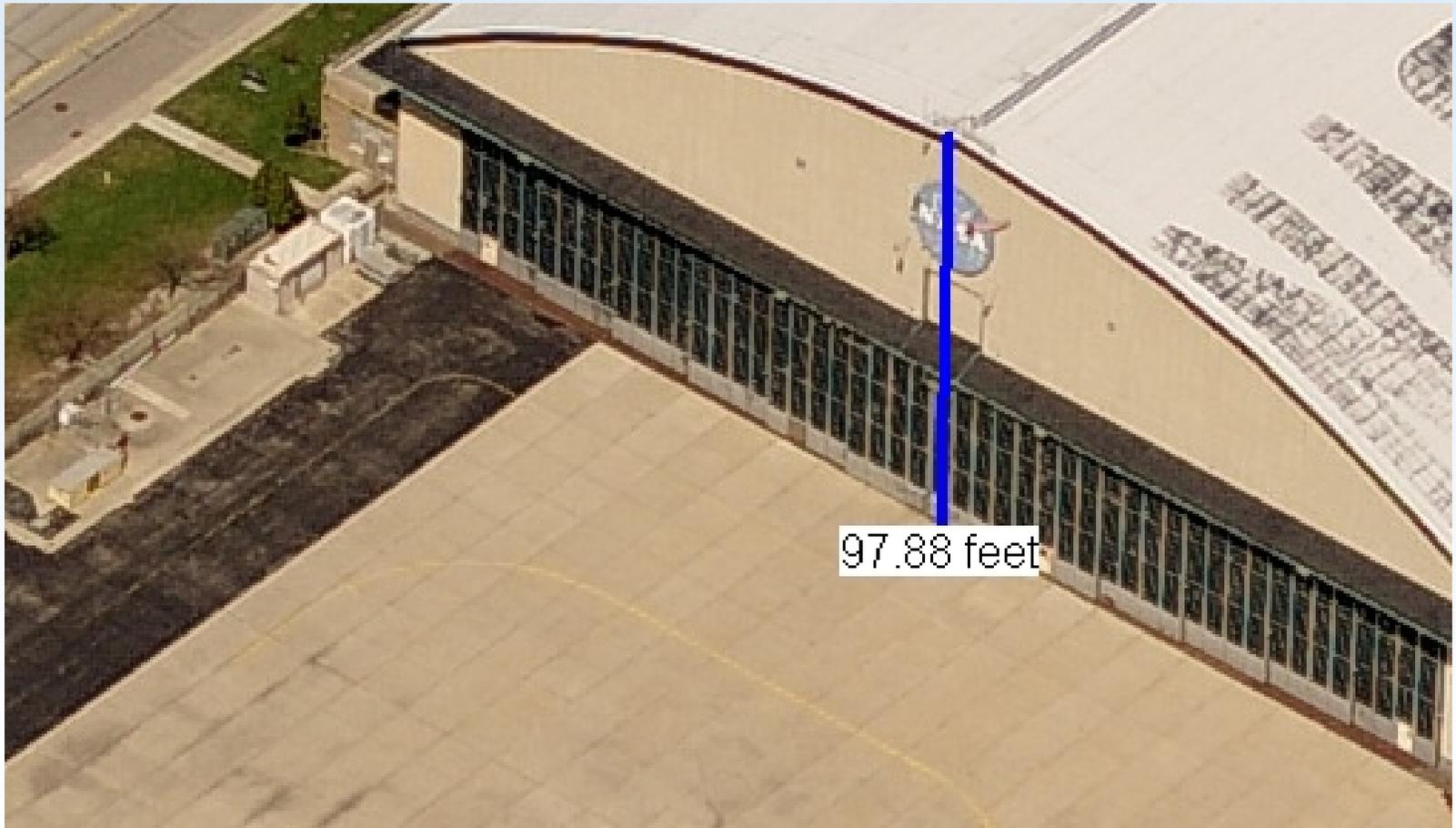
B49 Evacuation Muster Points



Planning for Crash Truck Access



Height of Hangar



Width of Fire Lane At Guard Station



Emergency Response/Mass Casualty Drill

Supported Cleveland Hopkins International Airport (CHIA) Mass Casualty Drill, September 2006.

Utilized Security, Logistics, Safety and Media Relations.

Over two dozen responding agencies involved.

Contact: Mr. Frank DeAngelo, Safety Specialist (216-433-3231).

Two aircraft inbound from Texas to Cleveland escaping the devastation of Hurricane Fred

1st aircraft lands safely

2nd aircraft 737-400 Series

129 souls on board

Approaching Runway 6R

Suddenly banks left

Crashes on NASA property in the West Area

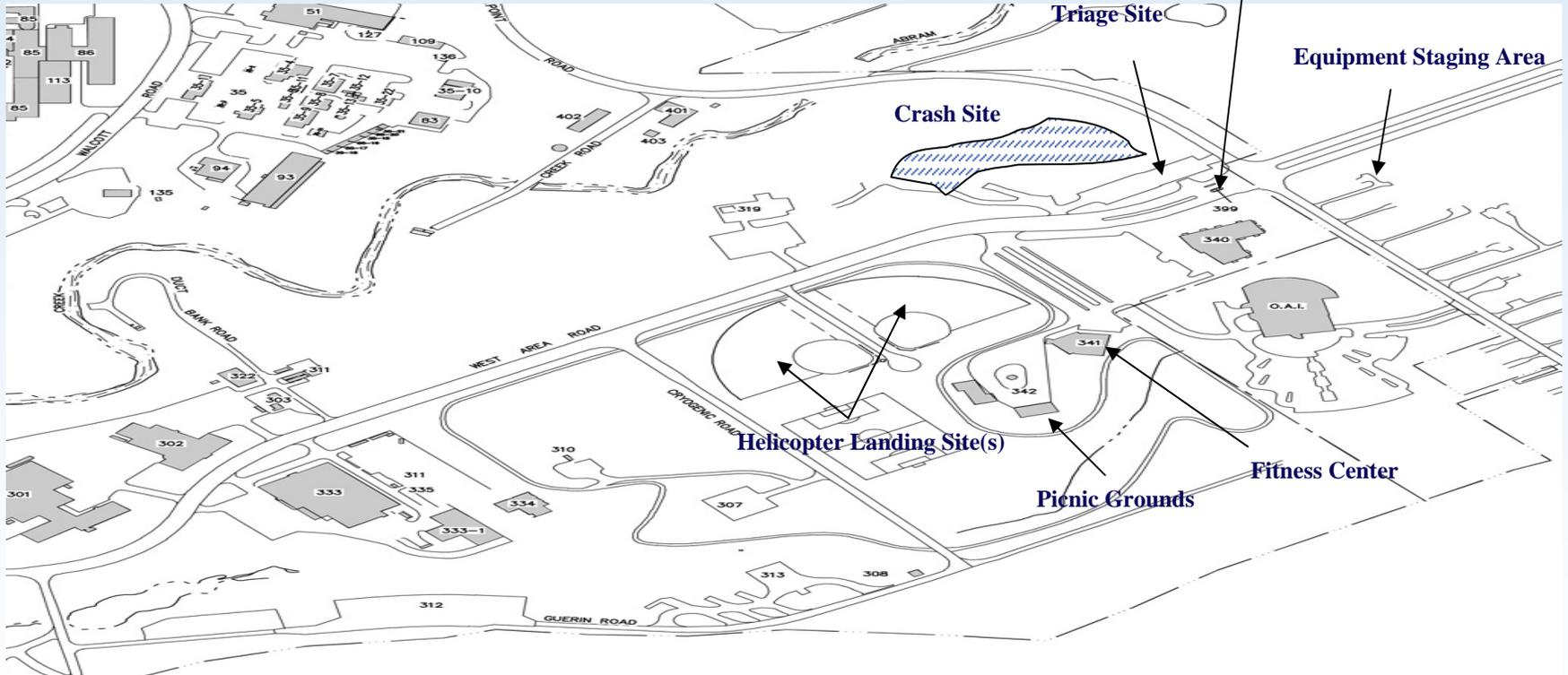
Aircraft breaks into 3 sections

59 severely injured - 29 serious – 38 minor

Mass Casualty Drill

Drill Site

All Equipment Traffic through the West Gate



Mass Casualty Drill Photos



Successful 2006 Safety Awareness Day



2007 Safety Awards

FIST of Safety Award:

- 1) **F**aithful to safety standards,
- 2) **I**nclusive of personnel,
- 3) **S**ervice Oriented to the organization, center and agency.
- 4) **T**eam Player.

The award will be handed down each year to the directorate that earns the most points, according to carefully scrutinized criteria, e.g. training, outreach, awareness, etc.

Contact:

Ms. Rowena Butler, Safety Specialist (216-433-6309)

Workers Compensation/AED Program

- The 10 long term cases found during the HQ audit have been successfully worked with the Department of Labor.
- AED Program
 - Improved inspection process
 - Involved the AED owner to participate in the process.
 - AED owner is notified via email that inspection is due
 - Once the inspection the on-line system is updated.
- Occupational Health Fair is scheduled for May 2007
- Medical Service staff is providing support to the Emergency Preparedness Coordinator with pandemic Planning and other medical emergencies planning

Challenges Ahead

- Lab Safety Initiative as a result of recent IG audit
- Incorporating CHIA response capability at GRC
- Facility and Operations Safety (Lifting Devices and Equipment)
- IRIS Maturity and Mishap Investigations
- Construction Alliance with Cleveland OSHA
- Support ARES 1 and CEV

“It isn’t a mistake to have strong views. The mistake is to have nothing else.”

-Anthony Weston, Philosopher