Dallas Regional Urban Search & Rescue Task Force
Urban Search and Rescue

- An undaunting task that only a handful can accomplish
Technical Search
The Need for Regional USAR

- Large target for terrorists
- Threat of natural disasters
- Current response capabilities limited
USAR

- Tornadoes are a major threat for this region.
- Dallas Metropolitan area now 4\textsuperscript{th} largest in country.
- Largest urban area in “Tornado Alley”
USAR

- Tornado - 1957
  - Dallas
  - Strong F3
    - 10 killed
    - 200 injured
    - 4 million in damage
USAR

- **Tornado-2000**
  - Ft. Worth
  - Strong F2
    - 5 killed
    - 100 injured
    - 500 million in damage
Texas Tornado Disasters

- Sherman 1896  F5  73 killed
- Goliad 1902    F5  114 killed
- Waco 1953     F5  114 killed
- Wichita Falls 1979  F4  42 killed
- Jarrell 1997  F5  27 killed
USAR

- Structural collapse
  - It doesn’t have to be a Terrorist attack or a natural disaster, but some everyday accident.
  - 17 ½ ft. tall truck tries to drive under a 12 ft. breezeway
  - Structural collapse crews take 3 hours to remove patient
USAR

• What are we currently able to do?
  – Assess the situation
  – Recover surface victims
  – Very minor entrapment recovery without entry into structure
  – Some enhanced heavy rescue capabilities.
Task Force Locations
28 Task Forces in 19 States
Dallas Regional USAR Task Force Project

Consisting of:

1. Dallas USAR Type III Task Force (28 on-duty DFD members)

2. Regional Type I Task Force (70 members, 31 from participating jurisdictions)
Dallas USAR Type III Task Force

• Immediate response of 28 member USAR Task Force
• Anywhere in 16 counties of NCTCOG region
NCTCOG Counties

- Dallas
- Tarrant
- Collin
- Denton
- Rockwall
- Hunt
- Kaufman
- Navarro

- Parker
- Ellis
- Johnson
- Palo Pinto
- Wise
- Erath
- Hood
- Somervell
Dallas Regional Urban Search & Rescue Task Force (28)
Type III
Organizational Chart

Task Force Leader (1)
Battalion 3, 815
Deputy Task Force Leader (1)
DFD 815, Batt 3

Safety Officer (1)
DFD 812

Search Team Manager (1)
DFD Captain Station _

Canine Search Specialist (1)
DFD 814

Technical Search Specialist (7)
DFD Station _

Rescue Team Manager (1)
DFD Captain Station _

Rescue Squad Officer (1)
DFD Lt. Station _

Rescue Squad Specialist (6)
Members Station _

Haz Mat Team Manager (1)
845

Haz Mat Specialists (4)

Medical Team Manager (1)
DFD 780

Paramedics (4)
Rescue 15 & 19

Logistics Team Manager (1)
DFD 849

Logistics Specialist
DFD CT03

Logistics Support (Vacant)

Comm. Specialist (1)
DFD 848

Plans Team Manager
DFD 815, 2d Batt 3, 845, 849

Structural Specialist (1)
City of Dallas, Engineer

Technical Information Specialist
DFD848
Dallas USAR Light Task Force

- USAR 15: 10 Rescue/Search Techs
- USAR 19: 8 Rescue/Search Techs
- HAZ-MAT 3: 4 HAZ-MAT Specialists
- Rescue 3 & 19: 4 Medical Specialists
- Battalion Chief: Task Force Leader
- Command Tech.: Logistics Specialist
Dallas Staff Support

Staff/Support Deployment

- 810  HazMat Team Manager
- 814  Canine Search Specialist
- 815  Deputy Task Force Leader
- 845  USAR Plans Team Manager
- 848  Communications Specialist
- 849  Logistics Team Manager
- 991  Structural Specialist
Dallas USAR Light Task Force

Staff/Support Deployment

• 830 Communications Specialist
• 846 Technical Information Specialist
• 859 Ground Support Specialist
USAR Equipment

2 New USAR/Heavy Rescue Vehicles

USAR 15

USAR 19

Projected Delivery
November 2006
USAR Communications Vehicle

Telescoping 40’ Mast
VHF/UHF/800Mhz Aviation Frequencies
Marine Frequencies
Satellite Radio/Phone
Satellite Internet/TV
Radio Repeaters
Handheld Radio Cache
Mobile Repeaters
Modular Antenna Sys.
Regional Task Force

- Task Force with minimum staffing of 70 members from multiple jurisdictions within region
- Heavy rescue / specialty team response from participating jurisdictions
- Regional training & drills
Participating Agencies

• Ft. Worth Fire Dept.
• Plano Fire Dept.
• Richardson Fire Dept.
• DFW Airport Fire Dept.
• Rowlett Fire Dept.
• Haltom City Fire Dept.
• Red Oak Fire Dept.
• Pantego Fire Dept.
• Grapevine Fire Dept.
Dallas Fire-Rescue Training Facility

- 60 acres
- Room for expanded disaster training area
Regional USAR Training

- Specialized enhancements to Dallas Fire-Rescue training facility.
USAR

- Training aids for rescue in confined spaces
  - Evaluate
  - Breech
  - Shore
USAR

- Training aids for “shoring” training.
Federal Audit of Disaster Response

- Inadequate Training
- Delayed Response
USAR Continuing Education

- Monthly training exercises in Technical Search & Rescue Disciplines
- FEMA equivalency courses at Dallas
FEMA USAR Courses

- Logistics Specialist
- Medical Specialist
- Communications Specialist
- Planning Specialist
- Task Force Leaders Course
- Canine Search Specialist
- Technical Search Specialist
- Technical Rescue Specialist
Training To Date

- 18 – officers trained to Structural Collapse Tech II
- 80 - firefighters trained to Structural Collapse Tech I
- 14 – Technical Search Specialists
Task Force Training

- 6 Officers trained to FEMA Task Force Leader Level
- Structural Engineer trained by FEMA and U.S. Army Corp of Engineers to Structural Specialist II.
- 4 Logistics Specialists and Logistics Team Manager
- 6 Canine Search Specialists and Search Dogs
Dallas USAR Task Force Funding

- $350,000 2004 AFG
- $550,000 2005 UASI
- $800,000 2005 SHSGP
- $1,648,000 2005 AFG
- $900,000 2006 UASI (pending)

To Date: $4,248,000
Summary

- Urban Search & Rescue Task Force with immediate response capability.
- Multi-jurisdictional participation
- Consistent with FEMA USAR standard