

# R21

San Luis Obispo County Fire Department is pleased to introduce central California's newest and only multi-disciplinary large rescue apparatus. The new rescue unit increases the level of emergency service throughout SLO County with a large supply of specialized tools and equipment for all disciplines of rescue. This new rescue is assigned and strategically located at the San Luis Obispo County Regional Airport Fire Station 21 and carries the identifier Rescue 21. This new, 6 person, unit is capable of working unsupported for up to 48 hours and is immediately available for dispatch throughout San Luis Obispo, Santa Barbara and Monterey Counties.

The vision for this new specialized piece of equipment is result of over 20 years of hard work, design and experience performing various types of rescues. This new apparatus is able to handle rescues in remote and inaccessible areas as all of the equipment can be completely removed from the vehicle and moved to the incident via smaller 4 wheel drive trucks, helicopter, or even by hand.

SAN LUIS OBISPO COUNTY FIRE  
**RESCUE 21**



QUESTIONS? CONTACT:  
CAL FIRE STATION 21  
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MULTI DISCIPLINE  
LARGE RESCUE

**RESCUE 21** has four specific and standardized complements of rescue tools and equipment.

### 1 SWIFT WATER AND FLOOD RESCUE



Rescue 21 meets the required equipment standard for California's Office of Emergency Services (OES) Type II Medium Swift Water and Flood Rescue. Rescue 21 carries a 13' self inflating boat used for both powered and tethered operations in fast moving creeks, rivers, flooded areas, open-ocean and in surf conditions. In addition, personal protective gear such as wetsuits, drysuits, floatation vests and helmets are carried for 6 rescuers and victims.

### 2 URBAN SEARCH AND RESCUE (USAR)



Meeting the required equipment standard for California OES Type II Medium USAR complement this new apparatus enables safe and effective sizable rescue operations at collapsed structures. The tools and training enable firefighters to use skills such as breaking, breaching, and lifting of medium weight concrete and metal structures and large heavy building construction.

### 3 MASS CASUALTY INCIDENT (MCI)



Rated as a Medium MCI, Rescue 21 can triage, provide pre-transportation care, and treat up to 50 patients at a time. Equipment for spinal immobilization such as backboards and neck collars are available for up to 25 patients. Additionally, 18 patients can simultaneously receive oxygen therapy treatment at any large scale emergency.

### 4 HEAVY AND TECHNICAL RESCUE

Specialized tools and equipment for technical rescues ranging from a patient who has fallen off an ocean cliff to a victim trapped in a confined space are found on Rescue 21.



- Supplied air respirators allowing rescuers to make entry in confined space while utilizing intrinsically safe hard wired communication and video for assessment.
- Airbags with a combined capability of over 250 tons mean rescuers can lift heavy objects using high pressure airbags. Additional lift can be employed by using low pressure airbags with 40 inches of lifting capacity.
- Remote camera allows rescuers to use video technology to assess a rescue using a camera that can enter holes bored into concrete up to 24 inches thick.
- Rope rescue capability is extensive, with a maximum highline multi-rope rescue system capacity up to 600 ft.
- Rescue intervention crew tools enable firefighters to save a fellow "downed" firefighter during firefighting operations.
- Metal cutting tools, Jaws of Life, torches, pneumatic and gas powered saws for entanglement and trench rescue wood and hardware are all found on Rescue 21.