

# EMERGENCY MEDICAL INTERIOR



# BELL 429

In the air medical industry there is a common goal to provide safe, critical care transport when the patient needs it most. At United Rotorcraft we understand achieving that goal can differ for each mission so we made flexibility the foundation of our Bell 429 medical interior.



Combined with the large cabin, the UR medical interior design allows for full body access, optimizing total patient care. Our medical interior provides for dual patient transport on a highly versatile, patented, machined medical floor overlay. The ability to carry two patients with both medical attendants at the head provides an effective medical care environment.

As the industry leader in operational safety, our Bell 429 glass cockpit is designed specifically for HEMS operations and features technologically advanced equipment. Our signature medical equipment wall provides the ultimate in flexibility for storing medical equipment. Many certified mounts are available, allowing for maximum flexibility to meet your medical mission profile.

## OVERALL LAYOUT

The United Rotorcraft Bell 429 medical interior can accommodate a single, dual, or specialty transport such as an isolette or intra-aortic balloon pump.



## PATIENT LOADING SYSTEM

Our Roll-On Fold-Up Litter System loads through the aft clamshell doors and is located on the LH side of the cabin. A loading ramp that is integrated into the machined floor overlay, protects the airframe during litter loading and helps to minimize lifting. United Rotorcraft offers a (left hand install) Roll-On Fold-Up Litter System and a Ferno 28A (right hand install).



### MEDICAL CREW SEATING

Our Bell 429 medical interior allows one to four crash attenuating medical seats. The seats track forward and backward, and the right aft seat swivels for improved patient access. Each is equipped with a four-point harness.



### MEDICAL EQUIPMENT WALL

Our versatile medical equipment wall is an industry standard that provides easily accessible mount locations for medical equipment. We also design, manufacture and supply a wide variety of modular, quick-disconnect equipment mounts for many makes/models of medical equipment.



### MEDICAL PANELS

The three medical panels are mounted above the primary and secondary patient areas and the left aft end of the aircraft. The primary panel supplies power, oxygen, air, and suction; the secondary panel has lighting controls, suction and oxygen; the auxiliary third panel supplies oxygen, air and power.



### STORAGE SYSTEMS

The 429's forward storage unit can be configured with doors, drawers, or netted compartments and is equipped with dual locking storage. The second storage area is a horizontal tray that is located behind the pilot and co-pilot seats. It will accommodate large medical equipment such as splints and folding backboards. Additional storage space is available in the right rear portion of the medical cabin. Soft good pouches are also available throughout.



### OXYGEN SYSTEM

The liquid oxygen system is installed in the base cabinet of the forward storage unit. The gaseous oxygen system (pictured left) is installed between the pilot seat and aft facing crew seat.



### AVIONICS SYSTEMS

As an industry leader in operational safety, United Rotorcraft has certified this technologically-advanced glass cockpit specifically for HEMS operations. Night vision goggle lighting, helicopter terrain avoidance warning system, XM satellite weather, GPS navigation, and satellite tracking equipment have been integrated to minimize pilot workload and enhance safety.



### OVERHEAD CEILING PANELS/ MEDICAL LIGHTING

Custom overhead ceiling panels maximize crew head room and include tracks that accommodate IV hooks and medical interior LED lighting controls. The lighting includes white and blue night vision goggle compatible modes.