EMS Interiors for the EC135
**Brief Introduction on Bucher EC135 EMS**

In the air rescue field, helicopter has become the most important rescue tool due to its various advantages like fast speed, flexibility and unrestricted from the ground traffic, etc. Since an air rescue helicopter mostly serves for the serious patients, the twin engine helicopter shall be the first choice no matter you put the safety or stability into consideration. Eurocopter EC135 helicopter has become one of the most popular emergency air rescue helicopters worldwide due to its excellent performance, high stability, interchangeable options based on mission requirement and rear open door which is more suitable for medical and disaster rescue purpose.

Bucher Leichtbau AG has been cooperating with Eurocopter Company for many years and has developed several emergency rescue systems (EMS) for various Eurocopter helicopters including EC135. Bucher EMS for an EC135 provides all necessary equipment to carry out professional Air Ambulance Missions. The system is designed to accommodate all equipment without using special tools. The cabin layout is made in order to take care for most of air rescue missions and can be adapted according to your special requirements. In the EC135 EMS system, the integrated floor provides an idea quick release platform. All the interiors such as medical staff seats, stretcher, center cabinet etc. can be installed or removed in a very short period. Besides above mentioned, the medical equipment wall provides mounting facilities for different medical devices and controls the supply of oxygen, P/A and electrical power, which gives the most convenience for medical staff to operate all the devices.

**Key features of Bucher EC135 EMS:**

- Light weight
- Cabin layout easily adapted by quick release system
- Easy attachment and removal of equipment for maintenance
- In original aircraft cabin area
- Installation / removal within 60min. for the whole kits (detachable parts)
- In general no tools required for installation /removal of detachable parts
- 12V/28V power outlets
- Full medical certification with CE label
- EASA Supplemental Type Certification
- Night vision compatible, suitable for night emergency air rescue
Major equipment of Bucher EC135 EMS:

- Integral floor
- Side load stretcher system or rear load stretcher system
- Center cabinet
- Medical equipment wall
- Infusion hook
- Suction unit
- Respirator and retainer for Oxylog 3000 plus
- Monitor & defibrillator and retainer for Corpuls C3
- Infusion system Perfusor Space
- Roof rail plates
- Oxygen cylinder and rack (3x2 lt or 3x3 lt)
- Lighting center, forward and rear area
- Medical seat, Swivelling
- Medical seat, Fix
- Stowage box
- Rear door stowage unit
- EMS GPU Connector
- Medical case holder
- EMS Electrical Supply System
- Co-pilot seat rail extension
Various different configurations available based on 4 basic configurations under one STC. This gives the customer a great flexibility with the operation of different missions.

Offering a customer the highest quality and best performance product, putting a customer’s interests above everything else is always Bucher’s service mission. Bucher has been cooperating with world famous air rescue centers or operators for many years. Here are some customer references like Eurocopter, German ADAC, German DRF, Dutch ANWB, Australia Royal Flying Doctor Services, Pilatus, etc..

Bucher Leichtbau AG
Industriestrasse 1a
CH-8117 Fällanden/Zürich
Switzerland
Tel. +41 44 806 24 24
Fax. +41 44 806 24 20
bucher@bucher-group.com
www.bucher-group.com