

**MEMORANDUM FOR RECORD**

RE: Sole Source Information for Stryker Model 6506 Power-PRO Ambulance Cot

Stryker is the sole manufacturer of all Stryker products. This correspondence is to inform you of the unique characteristics found only in Stryker's Model 6506 Power-PRO Ambulance Cot. These characteristics can be broken down into three primary categories: Safety, Maintenance, and Ease of Use.

**Safety**

1) The Stryker Model 6506 Power-Pro is the only powered ambulance cot that meets the following independent certifications:

Underwriters Laboratories – This certifies that the product is safe to those who use it and the surroundings in which it exists. A powered medical device must have this certification in order to operate in a hospital environment.

IPX6 – This certifies that the cot's electrical, hydraulic, and other systems are rated to withstand high pressure water jets.

IEC-60601 and IEC 60601-1-2 – This certification is a multi-stage certification process which states that the Power-Pro conforms to industry standards for electromagnetic medical equipment. Included in this process are Electromagnetic Compatibility (EMC) and Electromagnetic Interference (EMI).

EMC allows the Power-Pro to enter hospitals without disturbing other electromagnetic devices such as heart monitors. EMI prevents our cot from being activated by external electromagnetic devices.

BS EN-1789 clause 4.5.9 – This is a European dynamic crash test which subjects a 50<sup>th</sup> percentile dummy to a nominal 10g deceleration for a minimum of 50ms. Following the test there shall be no sharp edges or danger to the safety of persons in the road ambulance.

2) The Power-Pro is the only powered ambulance cot that utilizes an automatic shutoff when placed in the cot fastening system. This power-disabling system prevents the operator from accidentally engaging the power system and thus damaging the cot mount or endangering the patient.

3) The Power-Pro is the only power-lift cot with a retractable head section. This feature allows the cot to be lowered to the ground in the shortened position without the risk of the head section injuring an operator or being damaged.

4) When unloading with the manual release handle, the cot utilizes hydraulic dampening. Thus, the cot will not abruptly jar the operator or the patient.

5) The cot has no litter-frame pinch points and thus facilitates a two-person "shared load." This reduces risk of injury and eases cot loading.

6) The cot features the lightest 700-lb capacity frame in the industry.

**Maintenance**

1) The cot features a foot-end-mounted hourly usage meter. This is an easy tool to determine the timing of preventative maintenance checks.

2) The cot features powder-coating on the entire aluminum frame (including the patient handling surfaces), thus eliminating aluminum oxidation throughout the cot. Additionally, the powder-coated surface facilitates easier decontamination and prevents the carbon build-up that otherwise would rub onto the caregiver's uniform.

3) All caster bearings are sealed, eliminating timely and costly lubrication.

4) The cot is power washable and meets IPX6 pressure jet certification (see above).

**Ease of Use**

1) The battery is placed at the foot end of the stretcher and is easily accessible in any situation.

2) The cot has a retract speed of 2.4 seconds for speedy loading.

3) The cot provides the highest potential load height of any cot on the market at 36" and is operator-adjustable to match the deck height of individual rescues or ambulances.

4) The cot features the industry's only forward-folding, single-hand release, side rails, thus giving caregivers more space inside the transport vehicle.

5) The foot end of the cot provides lifting bars and operator controls at two different heights, thus providing optimum ergonomics to most operator heights.

- 6) The foot end of the cot contains a large battery indicator light which displays red or green depending on battery level. A warning is given by a flashing red light, allowing the operator time to change the battery.
- 7) The Model 6506 has 6" x 2" sealed bearing casters – the largest in the industry. This facilitates rolling over any surface with ease and reduces caregiver strain.
- 8) The Power-Pro features an integrated bumper system which reduces damage to walls and other obstacles when impacted.

Please forward any further questions to the undersigned at 512-673-0636.

Sincerely,

Jordan Costello  
Territory Manger, Stryker - EMS Equipment