


SAMPLE INSPECTION AND MAINTENANCE LOG

The following sample log provides an example of the records that should be maintained by the purchaser or user of life safety equipment.


EQUIPMENT INSPECTION AND MAINTENANCE LOG			
Item _____ # _____ Date in Service _____			
Brand/Model _____		Strength _____	
Date	How Used or Maintained	Comments	Name

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CMC™

HELITACK AIRBAG™



WARNINGS

Activities involving the use of this device are potentially dangerous. You are responsible for your own actions and decisions. Before using this device, you must:

- Read and understand these user instructions, labels, and warnings.
- Familiarize yourself with its capabilities and limitations.
- Obtain specific training in its proper use.
- Understand and accept the risks involved.

FAILURE TO HEED ANY OF THESE WARNINGS MAY RESULT IN SEVERE INJURY OR DEATH.



MEETS THE LITTER REQUIREMENTS OF NFPA 1983, INCORPORATED IN THE 2022 EDITION OF NFPA 2500.

- 724247-02 CMC HELITACK AIRBAG
HORIZONTAL (BRIDLE) MBS: 22 kN (4,946 lbf)
VERTICAL (HEAD/FOOT HANDLES) MBS: 11 kN (2,473 lbf)

USER INFORMATION

User Information shall be provided to the user of the product. NFPA Standard 1983, incorporated into the 2022 edition of NFPA 2500 recommends separating the User Information from the equipment and retaining the information in a permanent record. The standard also recommends making a copy of the User Information to keep with the equipment and that the information should be referred to before and after each use.

Additional information regarding life safety equipment can be found in NFPA 1500 and NFPA 1858 and NFPA 1983, incorporated in the 2022 edition of NFPA 2500.

LIFESPAN / INSPECTION / RETIREMENT

The equipment has a lifespan of 10 years from the date of manufacture shown on the product label. The type of use, intensity of use, and environment of use are all factors in determining serviceability of the equipment. A single exceptional event can be cause for retirement after only one use, such as exposure to sharp edges, extreme temperatures, chemicals, or harsh environments. Any concerns about its safe use is cause for retirement. Remove retired equipment from service and destroy it to prevent further use.

A device must be retired when:

- It fails to pass inspection.
- It fails to function properly.
- It has illegible product labels or markings.
- It shows signs of damage or excessive wear.
- It has been subjected to shock loads, falls, or abnormal use.
- It has been exposed to harsh chemical reagents.
- It has an unknown usage history.
- You have any doubt as to its condition or reliability.
- When it becomes obsolete due to changes in legislation, standards, technique or incompatibility with other equipment.

Inspect the equipment according to your department's policy for inspecting life safety equipment. CMC recommends a detailed inspection by a competent person at least once every 12 months depending on current regulations and conditions of use. Record the date, inspector name, and inspection results in the equipment log as well as any other relevant information to track the usage history.

Before each use, the user should:

- Confirm the equipment is functioning properly.
- Verify the presence and legibility of the product labels and markings.
- Check soft components for cuts, worn or frayed areas, broken fibers, soft or hard spots, discoloration, or melted fibers. Check the stitching for pulled threads, abrasion, or breaks.
- Check hard components for excessive wear or indications of damage such as deformation, corrosion, sharp edges, cracks, or burrs. Minor nicks or sharp spots may be smoothed with emery cloth or similar.
- Check for the presence of dirt or foreign objects that can affect or prevent normal operation such as grit, sand, rocks, and debris.

During Each Use, the user should:

- Confirm all pieces of equipment in the system are correctly positioned with respect to each other.
- Monitor the condition of the equipment and its connections to other equipment in the system.
- Do not allow anything to interfere with the operation of the equipment or its components.
- Prevent foreign objects from interfering with moving parts.

LIMITATIONS AND PROPER USE

The AirBag is designed to extricate non-ambulatory subjects during helicopter hoist or short haul operations. It is certified to NFPA litter specifications and has breaking strengths as specified in the certification section of this document. The AirBag is designed to be compatible with most backboards, rigid litters and vacuum splints. Bi-lateral patient access ports allow for patient

monitoring and access when the bag is closed. All exterior side handles are load bearing, however the recommended hoisting point is from the bridle D-rings. If the AirBag needs to be carried to an improved extraction area, the bridles can be stowed in the side pockets. See below for additional product-specific guidance.

PRE-DEPLOYMENT

Prior to placing the AirBag in service, make sure that the individual bridle legs are adjusted properly. The AirBag should have a slightly head-up attitude. Verify that there is enough floor clearance to allow a transition of the AirBag into the aircraft. Once initial adjustments to the bridle legs are made, adjustments in the field should not be necessary.

USING THE HELITACK AIRBAG

- The patient is typically pre-packaged on a backboard, rigid litter, or vacuum splint.
- Deploy and open the AirBag adjacent to the patient. Place the packaged patient inside the AirBag. Use the interior straps to secure the patient inside the AirBag.
- The 1 inch head straps are intended to be threaded through the top backboard handles or litter rails to prevent sliding during use.
- In preparation for lift, close the AirBag. Connect and cinch the exterior straps.
- Connect both of the bridle D-rings into the hoist hook. Do not attach the hoist hook to the handles or any other point on the AirBag.
- If an attendant is utilized, they should be independently connected into the hoist hook. The attendant should be positioned in a manner that will assist with the cabin transition and with clearing the AirBag from aircraft landing gear.

WARNING: Use only with locking hoist hooks. If carabiners are used, make sure they are of the locking type. CMC recommends using auto-locking carabiners for aviation related applications.

TAGLINE ATTACHMENT

A tagline (if utilized) can be connected to any of the exterior yellow handles.

WARNING: Do not attach a tagline to the D-Rings, carabiners, or any point not mentioned in the statement above. A weak-link must always be used with a tagline.

CARRYING, MAINTENANCE & STORAGE

During all use, carrying, storage, and transport keep the equipment away from acids, alkalis, exhaust emissions, rust and strong chemicals. Do not expose the equipment to direct heat, flame, or high temperatures or other adverse environmental conditions. If the equipment becomes soiled, it can be washed in cold water with a mild detergent that is safe for use with nylon and polyester. Rinse thoroughly. Do not use a pressure washer. Air dry in temperatures between 10° C and 30° C. Do not dry the equipment in direct sunlight or using an automatic dryer. Lubricate moving parts as needed. During storage and transport, protect the equipment from heat, direct sunlight, moisture, chemicals, and external loads or impacts. Do not store where the equipment may be exposed to moist air, particularly where dissimilar metals are stored together. Consult with the manufacturer in case of any doubt.

WARRANTY & REPAIRS

If your CMC product has a defect due to workmanship or materials, please contact CMC Customer Support at info@cmcpro.com for warranty information and service. CMC's warranty does not cover damages caused by improper care, improper use, alterations and modifications, accidental damage or the natural breakdown of material over extended use and time. All repair work shall be performed by the manufacturer. All other work or modifications void the warranty and releases CMC from all liability and responsibility as the manufacturer.