

Overweight Litter (OWL)/Oversized Litter (OSL)

Evaluation Date: 05/31/2007

Company Information:

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Model Number: 60-0023

Part Number: 60-0023

NSN: 6530-01-552-7708

Device Code:

Description: Description: The North American Rescue Products OWL/OSL is a bifold type litter designed to support patients and equipment to a maximum weight of 350 lbs. When fully extended it measures 90" x 31" x 6". It uses a Nomex/kevlar blend material and has two seat belt type patient restraints attached at top and bottom of the litter. Accessories include a backrest that can be attached to the litter at a 35° angle. Along with the handle grasps at the end of each litter pole, there are four attached carrying straps on each side of the litter to accommodate eight additional personnel. The top and bottom of the litter have been marked "head" and "feet" to ensure proper patient positioning. Due to the weight the OWL/OSL will be floor loaded on approved aircraft.

Securing Procedures: Ensure proper position of the litter on the aircraft floor. Insert 5,000 lb cargo tie-down strap into "D" ring on aircraft floor near litter handle at the head of the litter. Wrap the cargo strap around the handle once, then extend the strap and wrap around the handle at the head of the litter directly across from it. Insert the hook end of the cargo strap into a "D" ring near the opposite handle then tighten. Perform same procedures at the foot of the litter using the litter handles and cargo tie-down straps.

Power Requirements: NONE

Comments:

1. The North American Rescue Products OWL/OSL has been approved for use on board the following aircraft: C-130 E/H, C-5*, KC-10, C-21A, KC-135, C-17 and C-130J.
2. When opening and folding the OWL/OSL, the litter support brackets can be difficult to open and could create a potential pinch hazard. Strongly suggest use of two personnel when opening and closing the OWL/OSL. Gloves should be worn when handling this device.
3. When securing the patient NATO litter straps should be used in addition to the seat belt type patient restraints attached to the litter to ensure proper positioning.

4. The initial OWL/OSL configuration consisted of a polyester type material. Flammability testing of this material yielded significant melting and burning. As a result AMC/SGXL a replacement fabric. The polyester material was replaced with Nomex. Nomex specifications indicate the material will not burn, drip or char at temperatures up to 700° F.

*Special procedure for use on C-5 aircraft is pending. More information to follow

