



## DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AERONAUTICAL SYSTEMS CENTER (AFMC)  
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

MEMORANDUM Mr. Karl Perry  
FOR Grounds / Weapons Safety Manager  
1907 East Arnold Ave., Room 212  
McGuire AFB, NJ 08641-5613

24 Jun 02

FROM: ASC/ENFC (ATTLA)  
2530 Loop Road West  
Wright Patterson AFB, OH 45433-7101

SUBJECT: Certification of the Wel-Fab WFI-500 Overpack Container

1. The Wel-Fab WFI-500 Overpack Container measures 87.4"L x 48"W x 47.9"H and weighs 640 pounds empty. This container was designed to accommodate the MIL-D-23119 Fabric Fuel Tank.
2. This container design is approved for air transport aboard the C-130, C-141, C-17 and C-5 aircraft with the following provisions:
  - a. This container is considered to be an overpack as defined in AFMAN 24-204(I) and is not to be used as a secondary container.
  - b. This container may house the MIL-D-23119 fabric fuel drum and other bulk items meeting the requirements herein. Maximum gross weight shall not exceed 5000 pounds.
  - c. The container shall be palletized on a single 463L pallet and restrained to meet the minimum requirements of 3.0G fwd/aft, 2.0G vertically, and 1.5G laterally. The shipper shall certify that the contents of the container are capable of meeting these same restraint requirements in addition to a potential 4.5G download force. The container has (10) 4000-pound tie down rings located on the lid.
  - d. The container lid is not sealed to allow venting in the event of a rapid in-flight cabin decompression.
  - e. All hazardous materials must be prepared and certified for airlift in accordance with AFMAN 24-204(I). This air transport certification is not an approval for hazardous materials. Currently, the MIL-D-23119 fabric drum is only permitted for Chapter 3 movements as defined in AFMAN 24-204(I). Use of this overpack will not change this authorization. The overpack should be marked "INNER CONTAINERS COMPLY WITH PRESCRIBED SPECIFICATIONS" if used to overpack a MIL-D-23119 fabric drum. See AFMAN 24-204(I) for further marking instructions."
3. A copy of this certification shall accompany the item during air shipment.
4. The air transportability engineer for this project is the undersigned at DSN 785-9647 or (937) 255-9647. The email address is caroline.buckey@wpafb.af.mil. Please refer to project file 2000.01.13.

cc: HQ AMC/DOV  
AFMC LSO/LOPP  
HQ AMC/SE  
HQ AMC/SEG  
HQ AMC/SEW  
Lt Col Jeffrey S. Mathison HQ AFRC/DOCR  
514 ALCF TSgt Carey Pritchett  
621 AMOG Capt Anthony Babcock

CAROLINE J. BUCKEY  
Aerial Delivery Group  
Crew Systems Branch