

LOCKHEED MARTIN ENERGY SYSTEMS

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**THE FOLLOWING DOCUMENT IS
FOR INTERNAL USE ONLY**

**LOCKHEED MARTIN TRANSPORTATION & PACKAGING MANAGEMENT
CONTAINER PREPARATION & FILLING INSTRUCTIONS
CHECKLIST**

"UN" 11-1/2 GALLON OPEN HEAD (OH) FIBER DRUM
Revision 0

LMTPM-CHK-39
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INSTRUCTIONS: Complete the activities below following the instructions in Section A. Activities should be checked off as performed. The completed checklist should then be signed by the Operating Personnel completing the checklist and submitted to the Operations Supervisor for approval for shipment.

NOTE 1: The 11-1/2 gallon open head fiber drum is "UN" marked for filling with solid hazardous materials.

NOTE 2: The maximum allowable gross weight is printed on the side of each drum in kilograms [ex., 90 kg (198 lbs)]. Allowable weight applies to Packaging Groups II or III solid materials. [PG I is not authorized.]

NOTE 3: If this fiber drum is to be used as a DOT 7A Type A RAD packaging, THEN YOU MUST refer to Y-12 Packaging System's packaging procedures for the Type A packaging requirements and documentation.

A. UN 1G/Y 11-1/2 Gallon (OH) Fiber Drum
Stores Catalog No. 02-113-5815

**Operating
Personnel**

- _____ 1. Inspect the drum to be filled to ensure that it is in good physical condition and that no critical dents/damages, fiberboard tears/cuts, etc. exist that could cause or develop into a leak during normal storage or in transportation.
- _____ 2. Ensure that the material being filled in the drum is compatible with (will not react, soften, or attack) the drum's internal fiber surface.
- _____ 3. **IF** the material being filled into the drum has a moisture content such that it will penetrate/wet through the fiber drum, **THEN**
Ensure that a polyethylene drum liner is inserted into the drum prior to filling.
- _____ 4. **IF** the drum is to be filled with solid hazardous materials/waste, **THEN**
Fill the drum according to the requirements/limitations specified in NOTE 2 above.
- _____ 5. **WHEN** placing the lid on the filled drum, **THEN**
Ensure that the gasket is in place, is in good condition, and is well adhered to the drum lid.
- _____ 6. Close the drum with the steel lever-action locking ring.
- _____ 7. Tap the back side of the closing ring with a rubber mallet/hammer as the lever lock is snapped closed. The locking ring should not butt against itself when snapped closed.

FOR INTERNAL USE ONLY

A. UN 1G/Y 11-1/2 Gallon (OH) Fiber Drum (cont.)
Stores Catalog No. 02-113-5815

Operating Personnel

- _____ 8. Close the safety-lock tab on the locking ring and insert a "tamper-seal" wire to ensure the lever lock will not spring open during storage or transit.
- _____ 9. Label and mark the drum in accordance with the current Lockheed Martin/Department of Transportation (DOT) requirements. For off-site shipments, contact the Lockheed Martin Transportation and Packaging Management organization for appropriate DOT markings and labeling.
- _____ 10. Sign and date the checklist in the appropriate signature block verifying that the activities have been performed and the checklist completed.
- _____ 11. Submit this completed checklist to the Operations Supervisor for approval for shipment.

Operations Supervisor

- _____ 12. Verify that all defined activities have been successfully completed.
- _____ 13. Sign and date the checklist in the appropriate signature block, approving the container for shipment.

APPROVED FOR SHIPMENT:

Operating Personnel:	Date:
Operations Supervisor:	Date:

Prepared by:

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Approved by: [Approval Signature on File]
Mark B. Hawk, Manager
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Date: [5/15/97]