



Shelter Transportability Certification

Presented by

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Shelter Transportability Certification

**AR 70-44/OPNAVINST 4600.22B/AFR 80-18/MCO
4610.14C/DLAR 4500.25, DOD Engineering for
Transportability**

replaced by

**DOD Instruction 4540.7, Operation of the DOD
Engineering for Transportability and Deployability
Program**

effective 12 October 2004



Shelter Transportability Certification

- **DODI 4540.7 dtd 12 October 2004**
 - 6.12. The component and mode transportability agents and component user representatives and materiel developers shall obtain engineering and design assistance, and certification from the Director, U.S. Army Soldier Systems Center (Natick), Kansas Street, Natick, MA 01760, for material to be:
 - 6.12.3. Mounted in DoD standard rigid-wall shelters as shown in the Joint Committee on Tactical Shelters (JOCOTAS) Brochure entitled “DoD Standard Family of Tactical Shelters” (Attn: AMSSB-RCP(N)). (The JOCOTAS must approve the use of non-standard shelters.)



Shelter Transportability Certification

- **Natick is the DoD Certifying agent for shelter transportability**
 - All shelterized systems requiring transportability approval must obtain a shelter transportability certification
- **Natick can only certify systems that utilize DoD standard shelters or have a waiver from JOCOTAS**
 - Per AR 70-59/OPNAVINST 3900.27B/AFR 80-8/MCO 3920.5A Department of Defense Tactical Shelter Program, all system developers **must** obtain a JOCOTAS waiver if:
 - Developing a new shelter
 - Utilizing a non-standard shelter



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Certification Letter will verify to the responsible Transportability Agent that the equipment integrated into the shelter and any modifications to the shelter will not adversely affect the ability of the shelter to be safely transported within the Defense Transportation System



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- **What is NOT affected by DODI 4540.7**
 - Fielded systems
 - Systems with a Transportability Approval (current configuration only)
 - Systems for which the Transportability Approvals are imminent



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- **What IS affected by DODI 4540.7**
 - Fielded systems
 - which have been or are being reconfigured or modified further
 - being re-procured under a performance specification
 - Systems for which the Transportability Approvals are not imminent
 - Systems that are under development



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What is a shelter?



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“... I know it when I see it ...”

- Justice Potter Stewart
(1964 regarding pornography)



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“A presized, transportable structure designed for a functional requirement that provides a live-in or work-in capability. This structure can be either rigid or expandable but requires no external engineer unit support for assembly or erection.”

- AR 70-59/OPNAVINST 3900.27B/AFR 80-8/MCO 3920.5A
Department of Defense Tactical Shelter Program



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By extension/precedent, shelters also include enclosures for computers and communications equipment and other “permanently” mounted equipment (i.e., equipment not meant to be removed at destination)



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By definition, shelters encompass ISO shipping containers* modified or built to provide live-in and work-in capability or has permanently mounted equipment (??JOCOTAS waiver required??)

* ISO containers higher than 8 feet cannot be transported by C-130



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**Natick expects to begin
processing requests
by
1 June 2005.**



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Natick will

- for systems in non-Army shelters, details to be worked out with the shelter's respective Responsible Engineering Agency (REA)
- evaluate systems in Army and JOCOTAS waived shelters
- maintain certification records with evaluation data for each system



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- **Process for non-Army Shelters (Proposed)**
 - System developer may submit request to either
 - Responsible Engineering Agency (REA) with copy furnished to Natick
 - Natick
 - REA reviews and verifies that the shelter's transportability is unaffected
 - REA submits letter, with supporting data, to Natick for concurrence
 - Natick concurs and forwards letter to transportability agent

Note: REA and Natick may require funds from system developer to evaluate shelter for transportability



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- **Process for certification for Army and JOCOTAS waived shelters**
 - System developer submits request to Natick
 - Cost estimate sent to requestor
 - **Upon receipt of funds, Natick will**
 - Assist in developing integration/modification of shelter, if requested
 - Review integration/modification plans
 - Review test plans/data
 - Assist in arranging additional testing, if necessary
 - Provide engineering support throughout testing
 - Review results of testing
 - Certify shelter for transportability
 - Forward certification to transportability agent



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- **Transportability Agents**

- Army

- Surface Deployment and Distribution Command
Transportation Engineering Agency (SDDCTEA)

- Navy

- Naval Operational Logistics Support Center (NOLSC)

- Air Force

- Air Force Materiel Command

- Marine Corps

- Marine Corps Systems Command (MARCORSYSCOM)



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- **Responsible Engineering Agency for Shelters**
 - Army
 - Natick Soldier Center

 - Navy
 - Naval Air Systems Command (NAVAIRSYSCOM)

 - Air Force
 - Warner-Robins Air Force Logistics Center (WR-ALC/LEEG)

 - Marine Corps
 - Marine Corps Systems Command (MARCORSYSCOM)



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QUESTIONS?