

**ARMY REGULATION 70-59
OPNAVINST 3900.27B
AFJI61-106
(FORMERLY AFR 80-8)
29 JULY 1988**

DEPARTMENT OF DEFENSE TACTICAL SHELTER PROGRAM

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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DEPARTMENTS OF THE ARMY, THE NAVY, AND THE AIR FORCE

**Army Regulation 70-59
OPNAVINST 3900.27B
AFR 80-8
MCO 3920.5A**

Research, Development, and Acquisition

Department of Defense Tactical Shelter Program

**Departments of the Army,
the Navy, and the Air Force
Washington, DC
29 July 1988**

SUMMARY of CHANGE

Army Regulation 70-59
OPNAVINST 3900.27B
AFR 80-8
MCO 3920.5A

Department of Defense
Tactical Shelter Program

This revision--

- o Removes the responsibility of the Primary Inventory Control Agency from the Army.
- o Implements the recommendations of the Joint Committee on Tactical Shelters (JOCOTAS) (paras 8, 9 and 10).
- o Provides waiver procedures for any tactical shelter research, development, test and evaluation (RDTE) effort not contained in the approved program and the use of tactical shelters other than the DOD Standard Family of Tactical Shelters (paras 8c and 10).
- o Establishes guidelines for introducing new shelters to the DOD Standard Family of Tactical Shelters (paras 8d and 10).

Research, Development, and Acquisition

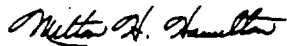
Department of Defense Tactical Shelter Program

This UPDATE printing publishes a revision which is effective 29 August 1988. Because the structure of the entire revised text has been reorganized, no attempt has been made to highlight changes from the earlier regulation dated 1 June 1980.

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Summary. This revised regulation covers the policies, organization, and responsibilities for the Research, Development, Test and Evaluation Program that supports the DOD Tactical Shelter Program.

Applicability. This joint regulation applies to all Services including the National Guard and Reserves of all Services. It also applies to all tactical shelter RDTE unless exempted by the Joint Committee on Tactical Shelters.

Impact on New Manning System. This regulation does not contain information that affects the New Manning System.

Committee continuance approval. The Department of the Army Committee Management Officer concurs in the continuance of the Joint Committee on Tactical Shelters as a continuing joint committee.

Internal control systems. This regulation is not subject to the requirements of AR 11-2. It does not contain internal control provisions.

Supplementation. Supplementation of this regulation and the establishment of

command and local forms by Army commands are prohibited without prior approval from HQDA (SARD-ZCS), WASH DC 20310-0643. Local supplementation of this regulation by Air Force commands, if desired, is encouraged.

Interim changes. Interim changes to this regulation are not official unless they are authenticated by the Administrative Assistant to the Secretary of the Army. Users will destroy interim changes on their expiration dates unless sooner superseded or rescinded. (For Army users).

Suggested improvements. The proposed agency of this joint regulation is the Office of the Assistant Secretary of the Army for Research, Development, and Acquisition, Headquarters, Department of the Army. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to HQDA (SARD-ZCS), WASH DC 20310-0643.

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*This regulation supersedes AR 70-59/OPNAVINST 3900.27B/AFR 80-8/MCO 3920.5A, 1 June 1980.

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1. Purpose

This regulation prescribes policies, organization, and responsibilities for a research, development, test, and evaluation (RDTE) Program to support the Department of Defense (DOD) Tactical Shelter Program.

2. Reference

AR 56-1/OPNAVINST 4620.8C/AFR 75-47/MCO 4600.30C (Use of Intermodal Containers, Special Purpose Vans, and Tactical Shelters) is a required publication. (Cited in paras 4a,(6),(b), and 8d.)

3. Explanation of abbreviations and terms

- a. Abbreviations.*
- (1) DOD—Department of Defense.
 - (2) EMI—electromagnetic interference.
 - (3) ISO—International Organization for Standardization.
 - (4) JOCOTAS—Joint Committee on Tactical Shelters.
 - (5) JTWG—Joint Technical Working Group.
 - (6) OASA(RDA)—Office of the Assistant Secretary of the Army for (Research, Development, and Acquisition).
 - (7) OSD—Office, Secretary of Defense.
 - (8) RDTE—research, development, test, and evaluation.
 - (9) USDA—Under Secretary of Defense for Acquisition.
- b. Terms.*
- (1) *Budget fiscal year.* The fiscal year following the current fiscal year. The budget fiscal year is normally the fiscal year being considered by Congress.
 - (2) *Current fiscal year.* The fiscal year being executed.
 - (3) *Programming.* The projection of activities to be accomplished and the required resources for a specified future period.
 - (4) *Tactical shelter.* 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.
 - (5) *Target fiscal year.*
 - (a) Two fiscal years into the future from the current year.

(b) The year for detailed consideration in programming.

(c) The year following the budget fiscal year.

(6) *Van.* A presized structure designed for a functional requirement, that provides a live-in or work-in capability. This structure is designed for permanent attachment of wheels.

4. Responsibilities

a. The Under Secretary of Defense for Acquisition (USDA)—

(1) Monitors the DOD Tactical Shelter Program.

(2) Insures that the DOD Tactical Shelter Program complies with the DOD Standardization Program.

(3) Resolves issues when the Joint Committee on Tactical Shelters (JOCOTAS) cannot obtain agreement among the Service members.

(4) Reviews and approves the annual RDTE Program.

(5) Reviews and approves requests for RDTE waivers for the requirements in paragraph 10.

(6) Reviews and approves requests to deviate from mandatory use of DOD Standard Family of Shelters as specified in—

- (a) Paragraph 8d.
- (b) AR 56-1/OPNAVINST 4620.8C/AFR 75-47/MCO 4600.30C.

b. The Assistant Secretary of the Army for Research, Development, and Acquisition (ASA(RDA)), Headquarters the Department of the Army (HQDA), will—

(1) Act as the lead component of the DOD Tactical Shelter Program.

(2) Forward opposing views of the Services regarding the Program to the USDA.

(3) Provide the executive secretary for the JOCOTAS.

c. Heads of each Service will—

- (1) Determine their own RDTE requirements according to individual Service regulations and procedures.

- (2) Submit their proposed programs each to JOCOTAS according to the time sequence in table 1. Submit unanticipated and urgent requirements at any time to JOCOTAS; include supporting justification as an amendment to DOD Tactical Shelter Program documentation.

- (3) Review and coordinate the proposed program before its submission to the USDA by the JOCOTAS.

- (4) Plan, program, and budget for their portion of the DOD Tactical Shelter Program.

- (5) Fund their own programs and use their resources for RDTE including periodic, reviews.

(a) The materiel developers will schedule periodic reviews. Other Services will be invited to attend these reviews as observers or as official members of the review when expressing a formal requirement for the items under development.

(b) Test and evaluations for Service requirements will be accomplished according to the developing Service's procedures. The results of such tests will be available to the other Services. An item will be tested and evaluated to meet formal requirements of more than one Service or DOD component to ensure compliance with each Service's or DOD component's requirements. Required testing will be as prescribed in a coordinated test plan for the item. The Service requesting additional testing will fund such tests.

(6) Provide justification and expert witnesses when required to defend input to the proposed DOD Tactical Shelter Program.

(7) Maintain management responsibility for executing their portion of the approved program.

(8) Provide JOCOTAS members in the grade of O6/GS-15, but no lower than O3/GS-12. Also provide members for any subgroups that are formed.

Table 1

Tentative annual planning sequence for the DOD Tactical Shelter Program

Budget fiscal year minus 1: January
Instructions: JOCOTAS requests tactical shelter RDTE programs from the Services for budget fiscal year plus 5 target fiscal years.

Budget fiscal year minus 1: March
Instructions: Following POM update, each Service submits planned program to the JOCOTAS Executive Secretary.

Executive secretary provides JOCOTAS members copies of the submitted Service programs.

Budget fiscal year minus 1: April
Instructions: JOCOTAS meets to establish proposed DOD Tactical Shelter Program.

Budget fiscal year minus 1: May
Instructions: Proposed program coordinated by Services.
If required, revise program.

Budget fiscal year minus 1: June
Instructions: JOCOTAS submits proposed program to OSD for approval.

Budget fiscal year minus 1: July
Instructions: JOCOTAS provides OSD-approved program to each Service for inclusion in its budget request.

d. Members of the JOCOTAS will—

- (1) Consider all RDTE requirements from the DOD military services; formulate these requirements into a proposed DOD Tactical Shelter Program.

- (2) Recommend policy and guidance for the development of the program according to DOD directives and instructions that require compliance with International Organization for Standardization (ISO) criteria if practical.

- (3) Forward all unresolved disagreements for resolution through their service headquarters then through HQDA to the USDA.

(4) Recommend changes to the DOD Standard Family of Tactical Shelters to the USDA.

(5) Publish and maintain military standards and specifications for tactical shelters. All DOD Standard Tactical Shelters will meet these limits unless otherwise exempted.

(6) Review requests for exemption from mandatory use of the Standard Family of Shelters (para 8d) and for RDTE programs (para 8c). Forward recommendations for approval or disapproval to USDA.

(7) Provide liaison to other Joint Service activities that affect the DOD Tactical Shelter Program.

5. Objectives

The objectives of the DOD Tactical Shelter Program are to—

- a. Reduce duplication of effort.
- b. Achieve maximum standardization of effort within DOD.
- c. Plan and control the shelter program to meet changing military shelter needs.

6. DOD Tactical Shelter Program Documentation

a. The Joint Committee on Tactical Shelters compiles the Services' RDTE shelter program requirements; and the Office of the Secretary of Defense (OSD) approves these program requirements, which are defined by RDTE management documents.

b. The program documents—

- (1) Provide OSD with a description of the work to be performed within fiscal guidance.
- (2) Identify the areas in which additional funds are required.
- (3) Provide the guidance to execute the program.

7. Elements of the DOD Tactical Shelter Program

a. The DOD Tactical Shelter Program includes but is not limited to the elements below.

- (1) Physical requirements for performing the functions of a shelter; for example, dimensions and weight.
- (2) Environmental requirements for function continuity such as—
 - (a) Lightproofness.
 - (b) Weatherproofness.
 - (c) Noise suppression.
 - (d) Temperature.
 - (e) Humidity.
- (3) Operational response (mobility, reaction time).
- (4) Functional requirements such as—
 - (a) Electrical power.
 - (b) Electromagnetic interference (EMI) shielding.
 - (c) Hardening (Ballistic, nuclear, chemical, and biological).
- (5) Tactical shelter analysis, structure, physics, heat transfer, processing, preservation, user acceptance, human factors, specification, service components, materials, and facilities for all environments to include operations and storage.

(6) Verification testing as required.

b. Elements outside the scope of the DOD Tactical Shelter Program area as follows:

- (1) Containers used exclusively for cargo transportation.
- (2) Fabric-wall shelters.
- (3) Air-supported structures.
- (4) Refrigerated structures.
- (5) Modular or prefabricated structures designed to be shipped to the operating location and assembled with external unit support.
- (6) Vans.

8. Policies

a. The DOD Tactical Shelter Program will be planned and updated yearly. This annual program will consolidate each Service's RDTE efforts for the budget fiscal year plus 5 target fiscal years.

b. The program will consist of a single, coordinated, and integrated document. This document will be submitted each year to the USDA for approval. This report is exempt from licensing in accordance with DOD 7750.5-M (DOD Procedures for Management of Information Requirements), paragraph E.4.b.

c. Only the tactical shelter RDTE efforts that are part of the current approved DOD Tactical Shelter program will be started unless specific approval is obtained from USDA (para 10).

d. A DOD Standard Family of Tactical Shelters has been set up and will be used to the greatest extent possible. All DOD components will use these standard shelters unless granted a waiver from USDA (para 10). (See joint regulation AR 56-1/OPNAVINST 4620.8C/AFR 75-47/MCO 4600.30C.)

9. Joint Committee on Tactical Shelters

a. Purpose

(1) JOCOTAS is a committee set up to obtain the coordination of all Services in developing the DOD Tactical Shelter Program. This committee integrates all tactical shelter requirements from the military services and DOD components.

(2) A Joint Technical Working Group (JTWG) is set up under JOCOTAS to—

- (a) Provide technical support.
- (b) Identify design limits and test procedures for all DOD tactical shelters.

b. Joint Service participation in JOCOTAS.

(1) *Membership.* The committee consists of a voting member (O6/GS-15, but no lower than O3/GS-12.) and at least one alternate from the Army, Navy, Air Force, and Marine Corps. The voting member of each Service has the authority to act for that Service. The chairman must be a committee member elected each year by the members.

(2) *Meetings.* The Committee will convene at the call of the chairman at least once a year. Voting members may request that the committee be convened to consider

proper program matters, especially cancellations or changes in their programs.

10. Waivers

a. A waiver is required from USDA to—

(1) Start or conduct any tactical shelter RDTE program not contained in the approved DOD Tactical Shelter Program (para 8c).

(2) Use a tactical shelter other than the DOD Standard Family of Tactical Shelters (para 8d).

b. Requests for waivers will be submitted and contain the information described below.

(1) Any DOD component desiring a waiver must submit the request with specific and comprehensive justification through its chain of command and the voting JOCOTAS member for that Service (to the USDA.)

(a) A request to start or conduct a tactical shelter RDTE program not in the approved DOD Tactical Shelter Program (para 8c) must describe the proposed program and its objectives. The request will show how this program can be better performed independent of JOCOTAS or if it is beyond the scope of the DOD Tactical Shelter Program.

(b) A request to use a shelter other than the DOD Standard Family of Tactical Shelters must fully define the requirements for the shelter; and specifically define the advantages (in terms of cost, timeliness, and mission effectiveness) of using a nonstandard shelter as opposed to a standard family shelter.

(2) Upon receipt of a request for waiver, the JOCOTAS will recommend approval or disapproval to USDA.

