



# Joint Committee on Tactical Shelters (JOCOTAS)

JOCOTAS  
Update 3 November 2009

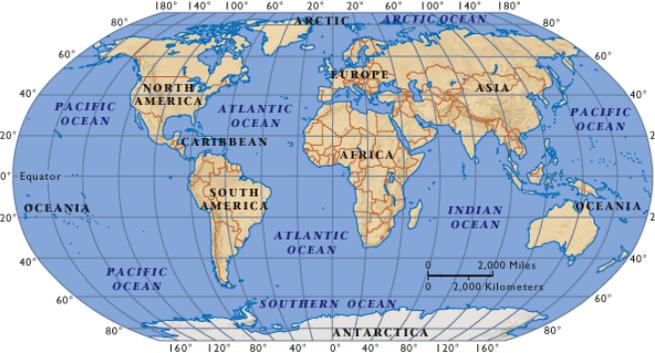
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# US Army Natick Soldier RD&E Center



Basic Research  
Technology  
Cust. Engineering

**DOD Combat Feeding Program**  
**Individual Soldier Protection**  
**Warfighter Integration**  
**Airdrop and Air Delivery**  
**Shelters**  
**Supporting Sciences**



**TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.**

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# Joint Committee on Tactical Shelters (JOCOTAS)

## Agenda

- JOCOTAS Mission (Tactical) and Message
- JOCOTAS Organization
- JOCOTAS Activities of Note
- Focal Points for the Future

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# Joint Committee on Tactical Shelters (JOCOTAS)

*Standardization Perspective: Defer to the Chairman's Briefing*

*Tactical Perspective: Enable Worldwide Operations 24/7 365 Days a Year*

- Warfighter Survivability
- Warfighter Mobility
- Warfighter Sustainment
- Warfighter Affordability

- Combat Development
- Technology Development
- Engineering Development
- Shelter Fielding
- Life Cycle Sustainment

*JOCOTAS Mission*

## Capabilities

- Barrier Materials
- Structures
- Energy Management



# Joint Committee on Tactical Shelters (JOCOTAS)

- Threat Mitigation
- o Extreme Weather
  - o C/B Warfare Agents
  - o Ballistics
  - o Detection



- Rain
- Snow
- Wind
- Temp



C/B Defense



- Blast
- Fragment



# Joint Committee on Tactical Shelters (JOCOTAS)



World wide  
Warfighter  
Deployability



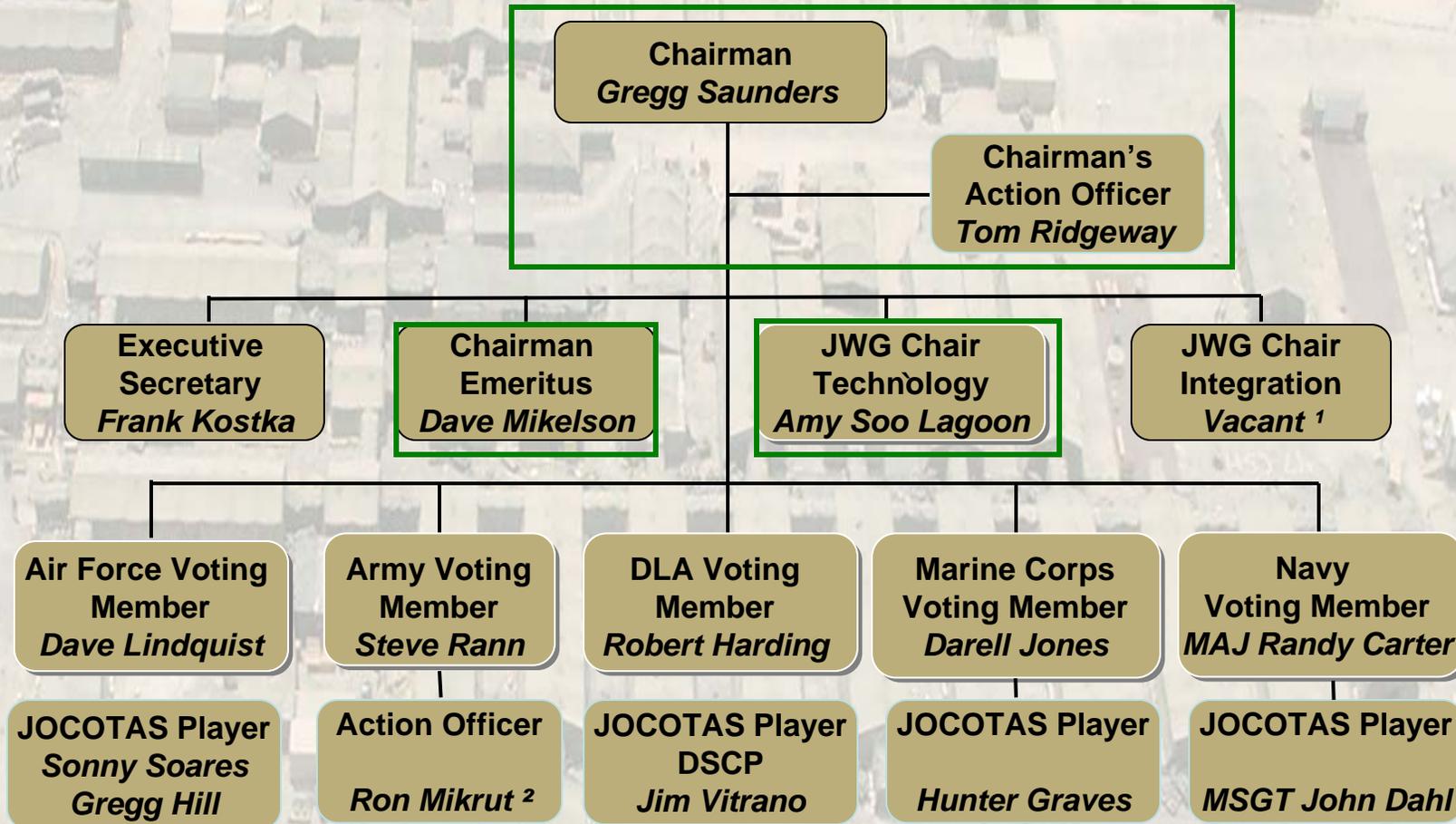
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<sup>1</sup> Nomination to Voting Members  
<sup>2</sup> DASC For PM Force Projection

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# Joint Committee on Tactical Shelters (JOCOTAS)

## Players

Defense Standardization Program Office  
Defense Logistics Agency

- Defense Supply Center Philadelphia

JPEO CBD

- JPM ColPro (J)

ASAALT  
PEO-CS CSS

- PM Force Sustainment Systems (A)
- Force Provider

PEO-C3T

- PM MEP (A)
- PM CPS&I (A)

Surgeon General

- PM Medical Support Systems (A)

PM BEAR (AF)  
PM Combat Support Equipment (MC)

## Players

NAVAIR (N)  
SPAWAR(N)

Air Force Research Lab  
Communications RDEC  
Edgewood Chemical Biological Center  
Natick Soldier RDEC  
Aberdeen Test Center  
Tyndall AFB

Combine Arms Support Command  
Combined Arms Center  
Army Medical Department Center/School

Warner Robins  
Hill AF Base  
TACOM ILSC  
Tobyhanna  
NAVFAC Expeditionary Logistics Center

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# Joint Committee on Tactical Shelters (JOCOTAS)

## Initiatives

- Technical Working Groups
- Formal - SASC
- Informal - Foaming

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# Joint Committee on Tactical Shelters (JOCOTAS)

**SASC Committee Rpt. 110-335 (May 12, 2008)  
S. 3001 FY 09 NDAA Standards for deployable shelters**

**The committee recognizes the need for maximum interoperability among the services and with civilian organizations for certain types of equipment that support both contingency military operations and homeland defense missions. Deployable expeditionary facilities, such as shelters and tents used for housing, medical care, and other combat service support functions should meet minimum safety standards and be fully interoperable for joint operations, peacekeeping efforts, refugee support, and homeland defense missions. In certain cases the military services have developed standards, such as the U.S. Air Force Operational Requirements Document (ORD) CAF 316-92-II/IIIB, to ensure that shelters and tents meet consistent, interoperable safety and security standards. The committee is concerned that all the military services may not have a consistent standard to guide acquisition of these critical equipment items.**

**Therefore, the committee directs the Secretary of Defense to submit a report to the congressional defense committees, not later than May 1, 2009, assessing whether the Department of Defense criteria, requirements, and acquisition policies for the acquisition of deployable shelters acquired for troop housing, medical care, and other combat service support functions meet adequate structural, environmental, and security standards, and that, to the maximum extent practicable, such standards will facilitate optimal interoperability between the military and civil support functions.**

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# Joint Committee on Tactical Shelters (JOCOTAS)

## Applying Polyurethane Rigid Foam to Expeditionary Shelters



### Informal Discussions

- Army – TACOM LCMC
- Air Force Bare Base
- Marine Corps

### Recommendation to Leadership

- TACOM LCMC Safety of Use Message
- Two Egresses Minimum per Shelter
- Unencumbered Access to Exits
- Evaluate Foam Application for Expeditionary Base Camps
- Continue to Follow 2009 DTC Rec.

NSRDEC Prototyping Flexible Fire Barrier Utilizing Aircraft Technology for Retrofit Kit



# Joint Committee on Tactical Shelters (JOCOTAS)

## Future Focus

- JCTD Net Zero
- Base Camp 20XX

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# Joint Committee on Tactical Shelters (JOCOTAS)

## ***Base Camp 20XX Initiative***

- Initially Global Army Community Focus
- Technology and Engineering Solutions
- Keep AF BEAR Community Appraised
- PM FSS Engineering - NSRDEC Technology
- X-RDECOM / TRADOC / ARCENT/ PEO's
- Parallel Effort to Soldier 20XX
- Army Consensus Position => Bring in DoD

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# Joint Committee on Tactical Shelters (JOCOTAS)

## Message

### Shelter Mission and Message

- Protect Groups of Warfighters in Hostile Environments
- Provide Enhanced Deployability
- Manage Energy and Sustainment Requirements
- Provide Warfighters with Affordable and Supportable Systems

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# Joint Committee on Tactical Shelters (JOCOTAS)

# Questions

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