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# USTRANSCOM

UNITED STATES TRANSPORTATION COMMAND



## USTRANSCOM Logistics Planning in Support of Patient Movement (SG)

USTRANSCOM Surgeon General (TCSG)

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# Logistics Planning Patient Movement (SG)

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- What are Patient Movement Items (PMI)?
- Pre-positioning and Storage of PMI
- Inter-operability and PMI in-kind
- Exercises



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# Patients Movement Items (PMI)

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## EQUIPMENT

1. Defibrillator/Monitor - Zoll MD
2. IV Controller- MEDSYS III
3. B Braun Single-Channel IV Pump
4. Pulse Oximeter - NONIN 9550-MIL
5. Suction Unit - Zoll 330M
6. Ventilator - IMPACT 731
7. Vital Signs Monitor - Zoll M
8. Wound Vac Pump - KCI 60050D
9. Stryker Turning Frame - 965MO

## DURABLE SUPPLIES

1. Blankets
2. Litters
3. Over Sized Litter (OSL)
4. Litter Mattresses
5. Litter Straps
6. Litter Backrest
7. Spine Boards



**PMI is equipment that is cleared Safe-to-fly at altitude, without negative effects to the aircraft and works properly for clinical patient care**

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# Pre-positioning and Storage of PMI

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- Current PMI locations: Kadena, Japan; Yokota, Japan; Ramstein, Germany; Wright-Patterson AFB, Ohio; Scott AFB, Illinois; Travis AFB, CA; Andrews AFB, MD; Osan AB, ROK (Storage Site)
- Efforts underway to secure more PMI storage locations around the world
- PMI storage requirements: humidity controlled
  - Approximately 2500 - 3K Sq/Ft insulated warehouse (Located on installation)
  - Life Safety Code Compliant (desired)
  - Fully Sprinkled Facility (Fire Suppression) w/Fire Alarm system
  - 20' Ceiling height (desired) minimum height 14' (Lower ceiling will increase footprint)
  - 14' x 14' roll up door (desired) minimum 10'x 10'
  - Loading Dock (desired); Hard Surface (Concrete/Paved) receiving area to unload trucks with forklift
  - 1 Restrooms (minimum)
  - Electrical/Communication - 120/208 Volt, 3Φ, 5 Wire 400 Amp Electrical service (minimum)
  - LED Lighting in BMET maintenance area (UFC 4-410 room code BMWS1 requires 1100 lux)
  - LED Lighting in common area (UFC 4-510 room code BMCW2 requires 500 lux)
  - USAF AFNET Communication connectivity 48 port switch (desired) minimum 24 port

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# Interoperability/USTRANSCOM Exercise

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- Inter-operability: If and Where possible, Aeromedical Evacuation equipment assets need to emulate current USAF AE In-flight and Critical Care Air Transportation Team (CCATT) PMI equipment by purchasing same make/model medical devices. These devices would be called PMI in-kind
- Review Joint En Route Care Equipment Test Standard (JECETS) for PMI Safe-to-Fly (StF) requirements
- PMI AE equipment is StF tested for use on board the following aircraft: fixed wing - C-5, C-17, C-130, KC-135, KC-10, KC-46, C-12, C-21 rotary wing – HH60, UH60
- Ultimate Caduceus (UC) 24
  - Ultimate Caduceus is an annual patient movement exercise designed to test the ability of U.S. Transportation Command to provide medical evacuation in both the field and in computer-simulated settings. UC is an exercise that is directly owned by the USTRANSCOM Surgeon General. UC exercise is great opportunity for USTRANSCOM, GCC's, JS and IA's to look at Global Patient Movement from broad spectrum, steady-state, crisis and conflict.

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# Questions

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