



Joint Standardization Board-Expeditionary Shelters & Basing Equipment (JSB-ESBE) Catalog

Table of Contents

Base Camp Equipment	1
Shelters: Rigid	2
Army Standard Family of Rigid Wall Shelters (ASF-RWS)	3
Authorized Stockage List Mobility System (ASLMS)	5
Basic Mobile Facility Type A (Navy)	7
Basic Mobile Facility Type B (Navy)	8
Cargo Bed Covers (Army)	9
Expeditionary Shelter Protection System (ESPS)	11
Integration Unit (INU) MF (Navy)	12
ISO Shelter, Tactical, Nonexpandable (Army)	13
Modular Extendable Rigid Wall Shelter (MERWS) (Army & Air Force)	14
S-280C/G, Shelter, Electrical Equipment (Army)	15
Expandable, S-530 A/G (Air Force)	16
S-788/G, Shelter, Electrical Equipment, Lightweight (Army)	17
Shelter, Tactical, Expandable, One Side (Army)	18
Shelter, Tactical, Expandable, Two Side (Army)	19
Side Opening MF Type A (Navy)	20
Side Opening MF Type B (Modified) (Navy)	21
Side Opening MF Type B (Navy)	22
Side Opening MF Type C (Navy)	23
Shelters: Soft	24
2-Man Combat Tent (Marine Corps)	25
10-Man Arctic Tent (Army)	26
16 ft × 16 ft Frame Type Expandable Tent (Army)	27
Extreme Cold Weather Shelter (ECWS), 4-Man (Marine Corps)	28
Expeditionary Shelter System (ESS) Medium (Marine Corps)	29
Expeditionary Shelter System (ESS) Small (Marine Corps)	30
Large Area Maintenance Shelter (LAMS) (Air Force)	31
Large Area Maintenance Shelter (LAMS) (Army)	32
Lightweight Extreme Weather Shelter (LEWS), 3-Man (Army)	34
Lightweight Maintenance Enclosure (LME)	35

Tent, hexagonal, lightweight, M-1950 (5-Man Arctic) (Army)	36
Modular Command Post System (MCPS) (Army)	37
Modular General Purpose Tent System (MGPTS Type 3 Enhanced) (Marine Corps)	38
Modular General Purpose Tent System (MGPTS)	39
Medium Shelter (MS) (Air Force)	40
Rapid Deployment Bear Shelter System (Dome Shelter) (Air Force).....	41
Soldier Crew Tent (SCT)	42
Small Shelter System (Air Force).....	43
Tent, Extendable, Modular, Personnel (TEMPER).....	44
Shelters: Camouflage	46
Ultra-Lightweight Camouflage Net System (ULCANS) Increment I	47
Ultra-Lightweight Camouflage Net System (ULCANS).....	48
Shelters: Protective	49
Solar System, Type I (Army)	50
Solar System, Type II (Army)	51
Heaters: Powered.....	52
Improved Army Space Heater (IASH) Type II.....	53
Item Name: Improved Army Space Heater (IASH)	54
Item Name: 60K Improved Environmental Control Unit (IECU)	55
Item Name: 60K Improved Environmental Control Unit (IECU)	56
Item Name: Improved Environment Control Units (IECUs).....	57
Heaters: Non-Powered.....	59
Heater, Space, Radiant, Large (H-45 Space Heater) Type II, Liquid Fuel	60
Large Capacity Field Heater (LCFH).....	61
Space Heater Arctic (SHA).....	62
Space Heater Convective (SHC) 35K	63
Space Heater Convective (SHC) 60K	64
Space Heater Convective (SHC) 90K	65
Space Heater Small (SHS).....	67
Air Conditioners.....	68
Kitchens	70
Assault Kitchen (AK)	71
Containerized Kitchen (CK)	72

Food Sanitation Center	73
Kitchen, Company Level, Field Feeding – Enhanced (KCLFF-E)	74
Modern Burner Unit (MBU)	75
Mobile Integrated Remains Collection System (MIRCS)	76
Mobile Kitchen Trailer - Improvement (MKT-I)	77
The Multi-Temperature Refrigerated Container System (MTRCS).....	78
Refrigerated Container System (RCS)	79
Laundries	80
Containerized Batch Laundry (CBL).....	81
Laundry Advanced System (LADS)	82
Showers	83
Small Unit Shower (SUS)	84
Latrines	85
Field Deployable Latrine	86



Base Camp Equipment

Shelters: Rigid

Category:

Item Name: Army Standard Family of Rigid Wall Shelters (ASF-RWS)



NSN: TBD

LIN: TBD

Part Number (Model Number):

Description: The Army Standard Family of Rigid Wall Shelters (ASF-RWS) program provides critical modernization and standardization updates to the following rigid wall shelter variants: Expandable/ Non-Expandable (20-foot, 10-foot), Vehicle Mounted, and Panelized/Collapsible. This effort will allow the program office to develop, test, and evaluate rigid wall shelter designs that incorporate the latest material and manufacturing technologies to improve energy efficiency, reduce weight, improve supportability, and increase mobility. It will also allow the program office to incorporate user community feedback to reduce the proliferation of non-standard shelter use across the Army, thereby reducing sustainment cost for these items.

Version:

Dimension: Dependent on Shelter Variant

Weight: Dependent on Shelter Variant

Capability: Rigid wall shelters fulfill a multitude of missions including billeting; basing; mission command/command post functions; maintenance facilities; medical facilities; and any other functions that can be integrated, either permanently or temporarily, into such a shelter. Energy efficiency not only leads to fuel savings, but extends operational reach and lethality in resource-constrained environments. Transportability and mobility mean greater survivability and faster operational response. Modularity and interoperability allow for flexibility and scalability when preparing for and conducting multi-domain operations. Suitability in extreme conditions ensure our Army is effective all around the globe. Implementing all of these features with a mind for sustainability results in reduced life cycle costs.

Electrical Power: None

Transportability: Traditional Modes

Used By (Service): Army

Other Characteristics: Expandable/Non-Expandable RWS In development with availability starting in FY21

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army supply and two level maintenance

Category:

Item Name: Authorized Stockage List Mobility System (ASLMS)



NSN:

- 5411-01-524-5844 (Parts/Bulk, OD)
- 5411-01-524-5845 (Parts/Parts, OD)
- 5411-01-524-5846 (Parts/Bulk, DS)
- 5411-01-524-5847 (Bulk/Bulk, OD)
- 5411-01-524-5848 (Bulk/Bulk, DS)
- 5411-01-524-5849 (Parts/Parts, DS)

LIN: A04334

Part Number (Model Number):

Description: ASLMS is a modular containerized storage system that houses ASL repair parts (Class IX) and consists of side opening, tactically and strategically deployable, ISO compatible, linked storage containers. It consists of standardized, side-opening containers with integrated, modular drawer storage, cabinet, bin, shelf & rack storage systems. ASLMS provides ready access to repair parts for use in both garrison and field environments.

Version:

Dimension:

- ASLMS Spare Parts Container - 20'x8'x8'/19,160 lbs.
- ASLMS Bulk Container - 20'x8'x8'/14,300 lbs.

Weight:

Capability: Provides capability to use a single ASL storage system that is easily moved from a garrison to battlefield environment. ASLMS increases effectiveness of the Army's logistics system in support of the Warfighter and improves overall unit readiness. Enables deployment within 24 hours by all strategic lift assets and provides maneuver elements with a tailored, forward positioned, multimodal, modular Class IX ASL. International Standards Organization (ISO) compatible container system equipped with bail bar for full land, air, and sea movement. Reduces logistics burden on deploying units, and allows units to utilize same ASL equipment in both garrison and battlefield environments.

Electrical Power: None

Transportability: Traditional Modes, Interoperable with joint service transportation systems and strategic lift assets

Used By (Service): Army

Other Characteristics:

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Two Level Maintenance, TM 10-5411-236- 13&P

Category:

Item Name: Basic Mobile Facility Type A (Navy)

NSN: 5411-01-355-4322

LIN:

Part Number (Model Number):

Description: Non-Expandable 20 Ft ISO Shelter

Version:

Dimension:

- Interior 19'- $\frac{1}{4}$ "L x 7'-6"W x 7'- $\frac{1}{2}$ "H, Exterior 19'-11"L x 8'W x 8'H
- Doors - 4'W x 6'-4"H (Both Ends of MF)

Weight:

- 5235 lbs.
- Payload - 14765 lbs.
- Gross Weight - 20,000 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Navy

Other Characteristics: 20 year service life, foam and beam construction, glossy white polyurethane exterior color, can easily be integrated with environmental control units and mission equipment. Can be complexed from both ends. Wired for 60 Hz, 100 Amp power. Power can be transferred to another MF. Capable of transferring 400 Hz Power. Heating/cooling provided by 36,000 BTUH ECU integrally mounted through side of MF. Emergency lighting capability.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Basic Mobile Facility Type B (Navy)

NSN: 5411-01-355-4323

LIN:

Part Number (Model Number):

Description: Non-Expandable 20 Ft ISO Shelter

Version:

Dimension:

- Interior 19'- $\frac{1}{4}$ "L x 7'-6"W x 7'- $\frac{1}{2}$ "H
- Exterior 19'-11"L x 8'W x 8'H

Weight:

- 5235 lbs.
- Payload - 14765 lbs.
- Gross Weight - 20,000 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Navy

Other Characteristics: 20 year service life, foam and beam construction, glossy white polyurethane exterior color, can easily be integrated with environmental control units and mission equipment. Similar to Basic MF Type A except wired for both 60 Hz and 400 Hz power.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Cargo Bed Covers (Army)

NSN:

- Type I (HMMWV), Camouflage, 5411-01-467-3243
- Type I (HMMWV), Desert Sand, 5411-01-479-1928
- Type II (M105A2 Ton Trailer), Camouflage, 5411-01-467-3185
- Type II (M105A2 Ton Trailer), Desert Sand, 5411-01-479-1925
- Type III (M35A2 Truck, M1078 LMTV, M1082 LMTV Trailer), Camouflage, 5411- 01-472-7852
- Type III (M35A2 Truck, M1078 LMTV, M1082 LMTV Trailer), Desert Sand, 5411-01-479-1932
- Mounting Adapter Kit for M35A2, 5411-01-486-8214
- Mounting Adapter Kit for M1078, 5411-01-486-8213
- Mounting Adapter Kit for M1082, 5411-01-485-1652
- Type IV (M923 Truck, M1083 LMTV, M1095 LMTV Trailer), Camouflage, 5411-01-472-7857
- Type IV (M923 Truck, M1083 LMTV, 1095 LMTV Trailer), Desert Sand, 5411-01-479-1933
- Mounting Adapter Kit for M923, 5411-01-487-8686
- Mounting Adapter Kit for M1083, 5411-01-488-5876
- Mounting Adapter Kit for M1095, 5411-01-493-1645



LIN:

Part Number (Model Number):

Description: C-130 transportable, lockable rear door, two vents for passive ventilation, cab access (Type I Only), power/signal ports, white interior, roof steps/ handholds, non-slip roof, easily can be configured with tool cabinets, shelves, workbenches, lights and fans, height reducible for internal air transport (Type III and Type IV Only).

Version:

Dimension:

- Type I - Min. Interior (79"L x 77.5" W x 62"H), Max Exterior (84.5"W)
- Type II - Min. Interior (104"L x 70" W x 54"H), Max Exterior (78"W)
- Type III - Min. Interior (120"L x 77" W x 30-72"H), Max Exterior (88"W)
- Type IV - Min. Interior (140"L x 77" W x 30-72"H), Max Exterior (88"W)

Weight:

- Type I - 450 lbs
- Type II - 425 lbs
- Type III - 677 lbs
- Type IV- 756 lbs

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Technical Manual is packed with each CBC. CBC TMs also available online at http://www.logsa.army.mil/etms/find_etm.cfm, and training videos are available.

- Type I CBC: TM 10-5411-231-13&P
- Type II CBC: TM 10-5411-232-13&P
- Type III CBC: TM 10-5411-233-13&P
- Type IV CBC: TM 10-5411-234-13&P

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: Expeditionary Shelter Protection System (ESPS)

NSN: TBD

LIN: TBD

Part Number (Model Number):

Description: ESPS is a rapidly deployable, expeditionary ballistic protection from multiple ballistic threats (direct and indirect) that can be installed around 32' x 21' shelter in less than 1 hour. The ESPS provides immediate protection against small arms and fragmentation on day 1 in all battlefield environments. The ESPS is a lightweight, low cost solution, redeployable, reusable, requires no material handling equipment or special tools for system setup.



Version:

Dimension:

Weight: ~ 250 lbs per ESPS Panel Module

Capability: Provide ballistic protection capability for shelters against small arms and small fragmenting munitions to support Force Provider Expeditionary (FPE) shelters as new add-on capability. ESPS shall be rapidly emplaced, ultra-violet protected, flame resistant, moisture resistant, and non- degradable in extreme temperatures (T), and shall protect against high-powered rifles and medium fragmenting munitions (O). The ESPS is intended to provide ballistic protection and withstand blast overpressure in expeditionary settings, where robust means of protection, such as concrete barriers and sandbags, are not readily available.

Electrical Power: None

Transportability: Four Soldier portable

Used By (Service): Army

Other Characteristics: In development, Available in Late FY19 as CTA Item

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Retail Supply and Maintenance Systems

Category:

Item Name: Integration Unit (INU) MF (Navy)

NSN: 5411-01-355-4318

LIN:

Part Number (Model Number):

Description: Non-Expandable 20 Ft ISO Shelter

Version:

Dimension:

- Interior 19'- $\frac{1}{4}$ "L x 7'-6"W x 7'- $\frac{1}{2}$ "H
- Exterior 19'-11"L x 8'W x 8'H

Weight:

- 5235 lbs.
- Payload - 14765 lbs.
- Gross Weight - 20,000 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Navy

Other Characteristics: 20 year service life, foam and beam construction, glossy white polyurethane exterior color, can easily be integrated with environmental control units and mission equipment. Used as a junction for up to six additional MFs; Two on one side and four on other side. End doors complexible to other INUs. Receives 200 Amp, 60 Hz and 100 Amp, 400 Hz power for distribution to attached MFs. Heating/cooling provided by 10K BTUH window type heat pump mounted to side wall.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: ISO Shelter, Tactical, Nonexpandable (Army)

NSN:

- S-781/G - 60 Amp Service NSN 5411-01-136-9837
- S-782/G - 100 Amp Service NSN 5411-01-294-6390

LIN: S00860

Part Number (Model Number):

Description: Non-Expandable 20 Ft ISO Shelter.

Version:

Dimension:

- Interior 19'-1"L x 7'-7"W x 7'-1"H
- Exterior 19'-11"L x 8'W x 8'H

Weight:

- 3900 lbs.
- Payload - 11,100 lbs.
- Gross weight - 15,000 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Honeycomb Core. Includes lights, power entrance panel, circuit breaker panel, duplex receptacles, leveling jacks. Single personnel door on one end.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Modular Extendable Rigid Wall Shelter (MERWS) (Army & Air Force)

NSN: 5411-01-312-9084



LIN:

Part Number (Model Number):

Description: Expansion kit for army standard expandable ISO shelter.

Version:

Dimension:

- Attached to 1-Side Exp ISO - 53'L × 20'W × 8'H
- Attached to 2-Side Exp ISO - 60'L × 20'W × 8'H
- Unobstructed floor space, attached to 1-Side Exp ISO - 1000 sq. ft.
- Unobstructed floor space, attached to 2-Side Exp ISO - 1150 sq. ft.

Weight:

- MERWS Kit Only - 7500 lbs.
- Attached to 1-Side Exp ISO - 13,200 lbs.
- Attached to 2-Side Exp ISO - 14,700 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Army & Air Force

Other Characteristics: Entire MERWS kit packs within ISO shelter for transport and storage. Honeycomb core with aluminum skins. Erection in 4 hours by four soldiers using repetitive sequence (includes unpacking from ISO shelter). Includes lights, breaker panel, personnel door. ECU interface, leveling jacks. Removable panels allow attachment of ECU ducting and complexing passageway.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: S-280C/G, Shelter, Electrical Equipment (Army)

NSN:

- Unshielded NSN 5411-01-092-0892
- EMI Shielded NSN 5411-01-304-3069
- EMI Modification Kit NSN 5410-00-937-5248

LIN: S01495

Part Number (Model Number):

Description: Mobile tactical shelter designed for housing communications & electronics equipment.

Version:

Dimension:

- Interior 11'-6"L x 6'-10"W x 6'-5"H
- Exterior (Envelope) 12'-3"L x 7'-3"W x 7'-3"H
- Exterior (Skin to Skin) 11'-10"L x 7'-3"W x 6'-10"H

Weight:

- 1400 lbs.
- Payload - 7100 lbs.

Capability:

Electrical Power:

Transportability: 5 Ton Truck

Used By (Service): Army

Other Characteristics: Foam and beam construction, EMI protection - 60 dB

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Expandable, S-530 A/G (Air Force)

NSN: 5411-01-280-2909EJ

LIN:

Part Number (Model Number):



Description: Expandable Shelter (Two Shelters Expands to Volume of Three Shelters - 3:2)

Version:

Dimension:

- Interior (Non-Expanded) 11'-5"L x 6'-7"W x 6'-9"H
- Interior (Expanded) 11'-5"L x 20'-4"W x 6'-9"H
- Exterior 12'-2"L x 7'-3"W x 7'-6"H

Weight:

- 4500 lbs.
- Payload - 2000 lbs.
- Gross Weight - 6500 lbs

Capability:

Electrical Power:

Transportability:

Used By (Service): Air Force

Other Characteristics: Nomex honeycomb core construction. Two shelters are joined for expanded mode. Erection in 45 minutes by six soldiers. EMI Protection - 60 dB.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: S-788/G, Shelter, Electrical Equipment, Lightweight (Army)

NSN:

- Type I - Basic Shelter, Empty NSN 5411-01- 473-5051
- Type III - Basic Shelter w/Tunnel Only NSN 5411-01-473-5055



LIN: S01563

Part Number (Model Number):

Description: Replacement for S-250/G shelter designed for housing C4I battlefield systems.

Version:

Dimension:

- Interior 8'-3.5"L x 6'-9.5"W x 5'-4.5"H
- Exterior 8'-6"L x 7'W x 5'-7"H

Weight:

- Type I - 608 lbs.
- Type III - 643 lbs.
- Payload - 3300 lbs.

Capability:

Electrical Power:

Transportability: M1097/M1113 HMMWVs

Used By (Service): Army

Other Characteristics: Honeycomb Core, EMI Protection - 60 dB

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: Shelter, Tactical, Expandable, One Side (Army)

NSN:

- S-783/G - 60 Amp Service: NSN 5411-01-124-1377
- S-784/G - 100 Amp Service: NSN 5411-01-295-3433

LIN: S01291

Part Number (Model Number):

Description: One side expandable ISO shelter.

Version:

Dimension:

- Exterior 19'-11"L x 8'W x 8'H, Interior (Transport Mode) 19'-1"L x 7'W x 7'-1"H
- Interior (Expanded) 18'-4"L x 14'-6"W x 7'-1"H

Weight:

- 5400 lbs.
- Payload: 9600 lbs.
- Gross Weight: 15,000 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Honeycomb core construction. Erection in 20 minutes by four soldiers. Removable panels allow attachment of ECU ducting and complexing passageways. Includes lights, breaker panel, power entrance panel, duplex receptacles, leveling jacks.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Shelter, Tactical, Expandable, Two Side (Army)

NSN:

S-785/G - 60 Amp Service, NSN 5411-01-136-9838

S-786/G - 100 Amp Service, NSN 5411-01-294-9866

LIN: S01359

Part Number (Model Number):

Description: Two side expandable ISO shelter

Version:

Dimension:

- Exterior 19'-11"L × 8'W × 8'H, Interior (Transport) 19'-1"L × 6'-5"W × 7'-1"H
- Interior (Expanded) 18'-4"L × 21'-6"W × 7'-1"H

Weight:

- 6900 lbs.
- Payload - 8100 lbs.
- Gross Weight - 15,000 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Honeycomb core. Removable panels allow attachment of ECU ducting and complexing passageways. Erection in 30 minutes by four soldiers. Includes lights, breaker panel, power entrance panel, duplex receptacles, leveling jacks.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Side Opening MF Type A (Navy)

NSN: 5411-01-355-4320

LIN:

Part Number (Model Number):

Description: Non-Expandable 20 Ft ISO Shelter

Version:

Dimension:

- Interior 19'- $\frac{1}{4}$ "L x 7'-6"W x 7'- $\frac{1}{2}$ "H
- Exterior 19'-11"L x 8'W x 8'H

Weight:

- 5235 lbs.
- Payload - 14765 lbs.
- Gross Weight - 20,000 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Navy

Other Characteristics: 20 year service life, foam and beam construction, glossy white polyurethane exterior color, can easily be integrated with environmental control units and mission equipment. Similar to Basic MF Type B with following exceptions: Provisions for installation of two 36K BTUH or 60K BTUH ECUs on one side; other side removable to allow complexing with side opening MF Type B, side opening MF Type C, or side opening MF Type B (Modified); can be complexed at end doors.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Side Opening MF Type B (Modified) (Navy)

NSN: 5411-01-355-4319

LIN:

Part Number (Model Number):

Description: Non-Expandable 20 Ft ISO Shelter

Version:

Dimension:

- Interior 19'- $\frac{1}{4}$ "L x 7'-6"W x 7'- $\frac{1}{2}$ "H
- Exterior 19'-11"L x 8'W x 8'H

Weight:

- 5235 lbs.
- Payload - 14765 lbs.
- Gross Weight - 20,000 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Navy

Other Characteristics: 20 year service life, foam and beam construction, glossy white polyurethane exterior color, can easily be integrated with environmental control units and mission equipment. Similar to side opening MF Type B except it has 80-inch wide double doors at one end to allow induction of large items for repair.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Side Opening MF Type B (Navy)

NSN: 5411-01-355-4321

LIN:

Part Number (Model Number):

Description: Non-Expandable 20 Ft ISO Shelter

Version:

Dimension:

- Interior 19'- $\frac{1}{4}$ "L x 7'-6"W x 7'- $\frac{1}{2}$ "H
- Exterior 19'-11"L x 8'W x 8'H

Weight:

- 5235 lbs.
- Payload - 14765 lbs.
- Gross Weight - 20,000 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Navy

Other Characteristics: 20 year service life, foam and beam construction, glossy white polyurethane exterior color, can easily be integrated with environmental control units and mission equipment. Similar to Side Opening MF Type A w/ Following Exceptions: no end doors; can only be complexed with another side opening MF; access before complexing provided through a non-standard personnel Door (32"W x 66"H); designed to house automatic test equipment; provisions for 200 Amp input capability.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Side Opening MF Type C (Navy)

NSN: 5411-01-355-6566

LIN:

Part Number (Model Number):

Description: Non-Expandable 20 Ft ISO Shelter

Version:

Dimension:

- Interior 19'- $\frac{1}{4}$ "L x 7'-6"W x 7'- $\frac{1}{2}$ "H
- Exterior 19'-11"L x 8'W x 8'H

Weight:

- 5235 lbs.
- Payload - 14765 lbs.
- Gross Weight - 20,000 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Navy

Other Characteristics: 20 year service life, foam and beam construction, glossy white polyurethane exterior color, can easily be integrated with environmental control units and mission equipment. Both sides removable; can be complexed with side opening MFs. Increase workspace. No installed equipment or ECU provisions. Access before complexing provided by normal sized end door.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:





Shelters: Soft

Category:

Item Name: 2-Man Combat Tent (Marine Corps)

NSN: 8340-01-452-5919

LIN:

Part Number (Model Number):



Description: Pole supported, back packable tent satisfies Marine Corps requirement for use in desert and temperate conditions.

Version:

Dimension:

- 34”H
- 39 sq. ft. min (10 sq. ft. Vestibule)
- 0.5 cu. ft.

Weight: 7 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Marine Corps

Other Characteristics: Erection in 5 minutes by two Soldiers. Color: desert tan, camouflage green.
Replacement to shelter half tent.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: 10-Man Arctic Tent (Army)

NSN: 8340-00-262-3685

LIN: V51729

Part Number (Model Number):



Description: Pole supported. provides shelter for ten soldiers and their equipment in arctic weather conditions.

Version:

Dimension:

- 8'-9" L x 3'H to 8'-6"H (Eave to Peak)
- Floor Area: 200 sq. ft.
- 7.3 cu. ft.

Weight: 76 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Erection in 27 minutes by six soldier. Cotton fabric. Olive Drab.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: 16 ft × 16 ft Frame Type Expandable Tent (Army)

NSN: 8340-00-782-3232

LIN:

Part Number (Model Number):

Description: Frame supported. Division tactical operations center, briefings.

Version:

Dimension:

- 256 sq. ft.
- Cube: 60 cu. ft.

Weight: 400 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Polyester duck. Assembly in 45 minutes by four soldiers. Colors: Desert Tan 459, Camo Green 483.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Extreme Cold Weather Shelter (ECWS), 4-Man (Marine Corps)

NSN: 8340-01-406-9299

LIN:

Part Number (Model Number):

Description: Pole supported. Back packable tent satisfies Marine Corps requirement for use in arctic and temperate weather conditions.

Version:

Dimension:

- 60" H
- Floor Area: 60 sq. ft. min (60 sq ft min Vestibule)
- 1.6 cu. ft.

Weight: 18 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Marine Corps

Other Characteristics: Arctic and temperate regions. Erection in 5 minutes by two soldiers.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Expeditionary Shelter System (ESS) Medium (Marine Corps)



NSN:

- 8340-01-545-5869(Green)
- 8340-01-545-5884(Tan)

LIN:

Part Number (Model Number):

Description: The ESS Medium will provide protection from natural environment to the Marine Operating Forces for use in varied mission roles (i.e., Command and Control, Administration, Medical). The ESS Medium and ESS Small replaces the legacy Command Post shelters. Habitable, rapid deploying, lightweight, compact.

Version:

Dimension:

- 25'L x 18'W x 8"H
- Floor Area: 450 sq. ft.

Weight: 527 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Marine Corps

Other Characteristics: 11 oz. vinyl outer cover, 7 oz. vinyl inner liner. Color: Tan or Green. Liner is pre-wired (electrical), pre-ducted, pre-floored. Average deployment time – 12 minutes.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: Expeditionary Shelter System (ESS) Small (Marine Corps)

NSN:

- 8340-01-545-5875(Green)
- 8340-01- 545-5888 (Tan)

LIN:

Part Number (Model Number):

Description: Folding Frame. The ESS Small will provide protection from natural environment to the Marine Operating Forces for use in varied mission roles (i.e., Command and Control, Administration). The ESS Small and ESS Medium replaces the legacy Command Post shelters.

Version:

Dimension:

- 15'L × 14'W × 8'H
- Floor Areas: 210 sq. ft.

Weight: 313 lbs

Capability:

Electrical Power:

Transportability:

Used By (Service): Marine Corps

Other Characteristics: 11 oz. vinyl outer cover, 7 oz. vinyl inner liner. Green or Tan. Liner is pre-wired (electrical), pre-ducted, pre-floored. Average deployment time is 8 minutes.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Large Area Maintenance Shelter (LAMS) (Air Force)

NSN: 5410-01-533-7395

LIN:

Part Number (Model Number):

Description: Large area maintenance/repair shelter for helicopters, tanks, wheeled vehicles and aircraft

Version:

Dimension: Clamshell 129'L x 75'W x 31'H

Weight:

Capability:

Electrical Power:

Transportability:

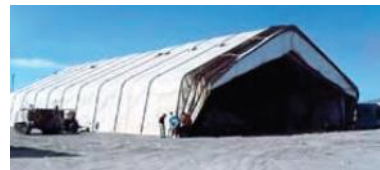
Used By (Service): Air Force

Other Characteristics:

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Large Area Maintenance Shelter (LAMS) (Army)

NSN:

- 5410-01-334-3158 Clamshell Buildings™ - Aircraft
- 5410-01-612-8219 Creative Tent International™ - Aircraft
- 5410-01-333-9299 Clamshell Buildings™ - Vehicle
- 5410-01-611-2401 Creative Tent International™ - Vehicle w/ Fabric Sliding Door
- 5410-01-610-8773 Creative Tent International™ - Vehicle w/ Metal Roll-Up Door



LIN: None

Part Number (Model Number):

- Creative Tent International™ - FTS-100
- Clamshell Buildings™ - System 50

Description: This is a large frame supported tension fabric structure use to rapidly emplace large facilities (maintenance bays, supply sites, personnel holding areas, etc...) in deployed areas. The base configuration is 75' wide, 31' high and either 128' or 190' in length. It has full width "clamshell" doors. The basic configuration is described in MIL-PRF-32504B

Version: When procured as a commercial item this system is tailorable. Exact size and features can be configured to meet the users' requirements.

Dimension:

- LAMS-A (Aircraft) – 192'L × 75'W × 31'H (Length is Modular in 12.5-ft. Increments)
- LAMS-V – (Vehicle) – 128'L × 75'W × 31'H (Length is Modular in 12.5-ft. Increments)

Weight:

- LAMS-A – 30,000lb
- LAMS-V – 25,000lb

Capability: The basic system are equipped with Full Width Doors on each end. This allows aircraft and large vehicles to enter / exit the shelter. It provides open, weather protected work space.

Electrical Power: Standard Electrical Panel supports 115/208 VAC, 3 Phase, 60 Hz, 150 Amps

Transportability: Each of the two configurations pack into two 20' ISO containers for shipping.

Used By (Service):

- Army - War Reserve Asset
- Joint - All services use variations of this shelter as a commercial item

Other Characteristics: This shelter can be tailored with flat (gable) ends, HVAC systems, enhanced lights, insulated liners, reinforced structure and other features.

Support Equipment (Ancillary): Requires installation tool kit and for build and strike. Material Handling Equipment (MHE) is not required but highly recommended.

Primary Inventory Control Authority (PICA): A-12 - TACOM Natick

Supportability: Limited - This system only has commercial manuals available. No provisioning or TM has been developed. Commercial parts are available but not stocked by the vendor. 60-90 day production lead times are normal.

Category:

Item Name: Lightweight Extreme Weather Shelter (LEWS), 3-Man (Army)

NSN: 8340-02-429-5932

LIN:

Part Number (Model Number):



Description: Pole supported, back packable tent satisfies Special Operations Forces (SOF) requirement for use in extreme weather conditions

Version:

Dimension:

- 45”H
- 45 sq. ft. min (10 sq. ft. min Vestibule)
- 1.1 cu. ft.

Weight: 12 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Arctic, desert, mountain regions. Erection in 5 minutes by two soldiers. Color: desert tan, arctic white, woodland green. Camouflage capability.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: Lightweight Maintenance Enclosure (LME)

NSN:

- Type I, Green/Desert Tan 8340-01-456-3637/5410-01-512-6865
- Type II, Green/Desert Tan 5410-01-512-6867/5410-01-512-6868



LIN: T49947

Part Number (Model Number):

Description: Lightweight, mobile repair shelter for tracked & wheeled vehicles across the battlefield under all climatic conditions.

Version:

Dimension: 32'L x 24'W x 13.75'H to 16.5'H (Eave to Peak)

Weight: 1332 lbs. (1659 lbs Packed)

Capability: Replacement to standard maintenance tent. Provides blackout capability.

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics:

Support Equipment:

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: Tent, hexagonal, lightweight, M-1950 (5-Man Arctic)
(Army)

NSN: 8340-00-269-1372

LIN: V49674

Part Number (Model Number):

Description: Pole supported. Provides shelter for five men and their equipment in extremely cold, or cold-wet conditions.

Version:

Dimension:

- 6'-7" L x 2'H to 8'-6" H (Eave to Peak)
- Floor Area: 113.2 sq. ft.
- 3.8 cu. ft.

Weight: 56 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Cotton, olive drab. Erection in 15 minutes by five soldiers.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Modular Command Post System (MCPS) (Army)

NSN:

- Green NSN 8340-01-323-2454
- Tan 8340-01-334-7529

LIN: C40496

Part Number (Model Number):

Description: Frame supported. Command posts in all climates

Version:

Dimension:

- 11'L x 11'W x 7'H to 9'H (Eave to Peak)
- Floor Area: 121 sq. ft.
- 30 cu. ft.

Weight: 482 lbs. (Complete Tent System)

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Erection in 20 minutes by two soldiers. Polyester duck fabric. Camo Green 483, Desert Tan 686A. Includes two field tables, four mapboards, two fluorescent lights, removable walls for complexing to other MCPS, rain gutters.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Modular General Purpose Tent System (MGPTS Type 3 Enhanced) (Marine Corps)



NSN:

- Internal Arch Camouflage Green: Small 8340-01-513-6093, Medium 8340-01-512-0240, Large 8340-01-512-9461
- Desert Tan: Small 8340-01-512-0243, Medium 8340-01-513-6094, Large 8340-01-512-9465

LIN:

Part Number (Model Number):

Description: Internal arch with clear architecture which provides a clear span interior usable space. Dual frame use with Y-Pole version. Billeting, field services, general purpose.

Version:

Dimension:

- Small: 18' × 18' × 7'H to 11' 3" (Eave to Peak); Floor area: 324 sq. ft.
- Medium: 18' × 36' × 7'H to 11' 3"; Floor area: 648 sq. ft.
- Large: 18' × 54' × 7'H to 11' 3"; Floor area: 972 sq. ft.

Weight:

Capability:

Electrical Power:

Transportability:

Used By (Service): Marine Corps

Other Characteristics: Lengths can be extended in 18' increments by adding an intermediate module. All Sizes can be complexed at sides and/or ends by using a standard TEMPER vestibule. Polyester fabric. Camo Green 483 or Desert Tan 459

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: Modular General Purpose Tent System (MGPTS)

NSN:

- Small: 8340-01-456-3633 (Green), 8340-01-491-1507 (Tan)
- Med: 8340-01-456-3628 (Green), 8340-01-491-1515 (Tan)
- Large: 8340-01-456-3674 (Green), 8340-01-491-1479 (Tan)



LIN: M35064

Part Number (Model Number):

Description: MGPTS is a large, modular, pole supported tent with vinyl-coated polyester fabric that is a more versatile and habitable replacement for the old GP Small, Medium, & Large tents. Liners, plenum and fabric floors are available as optional items.

Version:

Dimension:

- Small 18'x18'x11.5' (7' H sidewall)
- Medium 36'x18'x11.5' (7' H sidewall)
- Large 54'x18'x11.5' (7' H sidewall)

Weight:

- Small 470 lbs
- Med 795 lbs
- Large 1107 lbs

Capability: Provides a multipurpose, modular, weatherproof shelter that improves upon the General Purpose (GP) Small, Medium and Large tents in the areas of habitability, weight, erect/strike time, supportability, durability, mobility, and versatility.

Electrical Power: None. Electrical feed-throughs are provided to accept external power sources.

Transportability: Air, land and sea

Used By (Service): Army

Other Characteristics: CTA Item, Available through supply system, DLA managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Maintenance System, TM 10-8340-240-12&P

Category:

Item Name: Medium Shelter (MS) (Air Force)

NSN:

- Tan 5419-01-465-3019EJ
- Green 5419-01-465-3023EJ



LIN:

Part Number (Model Number):

Description: Frame supported. General Purpose, (Communication, Supply, Flight line & Vehicle Maintenance). Worldwide environment (-60° to 125°).

Version:

Dimension:

- 52'L × 29.5'W × 15' H
- Floor Area: 1500 sq. ft.
- 224 cu. ft. packed container

Weight: 3,940 lbs

Capability:

Electrical Power:

Transportability:

Used By (Service): Air Force

Other Characteristics: Assembly by 6 people in 4 hrs. 16.5 oz. PVC coated polyester fabric. Desert tan or camouflage green

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: Rapid Deployment Bear Shelter System (Dome Shelter) (Air Force)



NSN: 5410-01-363-0090

LIN:

Part Number (Model Number):

Description: Frame supported. Primary - Warehouses/Storage, Secondary - Aircraft Hangars, Maintenance.

Version:

Dimension:

- 120'L x 65'W x 10'H to 24'H (Eave to Peak) - Basic 4000 sq. ft.
- Floor Area: 4000 to 8000 sq. ft. (Length Can Be Extended Using 14 Ft Modules)
- 1500 cu. ft. (4000 sq. ft.)

Weight:

- Shelter Only (4000 sq. ft.) - 28,660 lbs.
- Shelter w/ Container - 33,070 lbs.

Capability:

Electrical Power:

Transportability:

Used By (Service): Air Force

Other Characteristics: Desert, temperate, tropical, and arctic conditions. Assembly by eight people in 32 hours (no special tools). Dismantle/Repack by Eight Soldiers in 26 Hours. PVC coated fabric membrane. Desert Tan, Olive Drab, Camouflage. Transported within three BEAR shipping/storage containers. Includes electrical and lighting.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:

Category:

Item Name: Soldier Crew Tent (SCT)

NSN:

- Type I (Green/Tan) 8340-01-359-0084
- Type II (Green/White) 8340-01-359-1481

LIN: T51043



Part Number (Model Number):

Description: The SCT is a lightweight, durable, single frame, single hub tent. The tent body is suspended from the frame in a canopy style. An over- cover lies on top of the frame to provide an air gap for added insulation. Two reversible over- covers are available in green/tan or green/white configurations. A cold weather cotton liner is also provided. Houses up to 5 Soldiers comfortably with 120 square feet floor space. Erect/strike is accomplished in less than 5 minutes. A storage/ transport cover is included as well as a field repair kit.

Version:

Dimension: 11'x11'x53"

Weight: 75 lbs

Capability: Provides environmental protection for billeting of combat vehicle crews. The SCTs popularity is promoting a change in the authorization of units in need of billeting for small unit elements. A 4" stovepipe opening is included for use with standard Space Heater Arctic (SHA).

Electrical Power: None

Transportability: All traditional modes

Used By (Service): Army

Other Characteristics: CTA Item, Available through supply system, DLA managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Retail Supply System and Standard Army Maintenance System, TM 10-8340-227-13&P

Category:

Item Name: Small Shelter System (Air Force)

NSN:

- Green 5419-01-465-3024EJ
- Tan 5419-01-465-3025EJ

LIN:

Part Number (Model Number):

Description: Frame supported. Billeting, general purpose. Worldwide environment.

Version:

Dimension:

- 20 × 32.5 ft.
- Floor Area: 650 sq. ft.
- 119 cu. ft. for container (includes basic shelter system plus Mobility Readiness Spare Package)

Weight: 1250 lbs. basic shelter system (includes shelter, membrane floor, liner, electrical, container)

Capability:

Electrical Power:

Transportability:

Used By (Service): Air Force

Other Characteristics: Assembly by four men in less than one hour. Dismantle/repack by four men in less than 45 minutes. 13.5 oz. PVC coated polyester fabric. Camouflage Green or Desert Tan. Transported in individual composite container, 4 to a 463L pallet. Includes 3.5-ton Environmental Control Unit, 611 lbs. 42 cu. ft. (airlifted separately, 12 to a 463L pallet).

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Tent, Extendable, Modular, Personnel (TEMPER)

NSN: 32 NSNs; 16 TEMPER Types (I thru XVI) in either Green or Tan (e.g. TY IV Green 8340-01-196- 6272; TY IV Tan 8340-01-185-2628)

LIN: T47813



Part Number (Model Number):

Description: The TEMPER Tent (Tent Extendable Modular Personnel) is a highly versatile design suitable for a wide range of environments and capable of being assembled using standard modules into a multitude of configurations. These configurations can range from smaller personnel and utility purposes to larger medical or kitchen configurations. In its largest standard form, it can be assembled into a dining facility which can serve 1,100 service people.

The TEMPER has an aluminum frame and is primarily covered with a vinyl coated polyester duck cloth that is fire, mildew and water resistant. The covering also has special coatings which suppress its visual and electronic characteristics to help conceal it from surveillance. It is fitted with features which allows for both heating and air conditioning.

Version:

Dimension: TEMPER sections are interchangeable to form different configurations. Multiple configurations assembled with 8'L x 20'6"W sections. Typical sizes 16' x 20'; 32' x 20'; 64' x 20'

Weight: 1328 lbs. (Type IV)

Capability:

- The TEMPER Air Supported shelters are completely integrated with floor, air plenum, and liners
- Easy to maintain
- Reduced dust penetration
- Set-up: 15 min, 4 personnel
- Low pressure air beams (60PSI) do not require continuous air flow
- Designed and tested to 55 MPH sustained winds and 65 MPH gusts
- Withstand full snow loads (10 lb/ft²)
- Will accept all military HVAC systems (side or end wall)
- Complexes to meet any configuration
- TEMPER Vestibule to TEMPER Vestibule
- TEMPER Air Supported to TEMPER Air Supported Open Span
- TEMPER Air Supported to ISO Side or ISO Endwall
- TEMPER Air Supported to TRICON

Electrical Power: Equipped with single phase or 3-phase electrical power

Transportability: Air, Land, Sea, Rail

Used By (Service): Army

Other Characteristics: CTA Item, Available through supply system, DLA managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Maintenance System, TM 10-8340-224- 13&P

Shelters: Camouflage

Category:

Item Name: Ultra-Lightweight Camouflage Net System (ULCANS)
Increment I

NSN: TBD

LIN: TBD



Part Number (Model Number):

Description: ULCANS is designed to improve survivability of military personnel and hardware as an all-weather modular concealment system that provides visual, infrared, and radar signature reduction. It is snag resistant, field repairable, and maintainable. It is designed for easy, rapid deployment and recovery with minimal personnel. ULCANS Increment I developing reversible Light/Dark Woodland, Snow/Alpine and Desert/Urban variants to restore combat overmatch against new and future foreign sensor threats. Incorporate Short Wave Infra-Red (SWIR) defeat, Radar background matching capability, and improve Thermal (LWIR) performance to mitigate known sensor gaps. New camouflage to the Force for the first time in a generation (since mid-late 90's).

Version:

Dimension:

Weight: TBD

Capability: ULCANS Increment I systems will provide Full Spectrum Signature Management, Protection from Current Sensor Threats as a Low Cost Force Multiplier. ULCANS Increment I introduces complete EM spectrum defeat for Visual, nIR, SWIR, LWIR, Radar, UV to mitigate known sensor gaps from legacy camouflage to restore combat overmatch.

Electrical Power: None

Transportability: Traditional Modes

Used By (Service): Army

Other Characteristics: In development with availability of Light /Dark Woodland Variants in late FY19, Snow/Alpine variants in FY20 and Desert/Urban in FY21 as CTA items.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Two Level Maintenance, TACOM ILSC Managed

Category:

Item Name: Ultra-Lightweight Camouflage Net System (ULCANS)

NSN:

- Woodland R/S 1080-01-457-2956
- Desert R/S 1080-01-475-0696
- Woodland R/T 1080-01-475-0697
- Desert R/T 1080-01-475-0694



LIN: C89480

Part Number (Model Number):

Description: ULCANS is a durable, snag resistant camouflage screen system and support system that replaces the LCSS. The robust ULCANS design utilizes a one-piece shape disrupter that holds onto the screen reducing probability of Foreign Object Damage (FOD) to systems/equipment and risk to personnel. ULCANS is 25%-30% lighter than LCSS.

Version:

Dimension:

Weight: 90 - 100 lbs

Capability: ULCANS is camouflage providing increased survivability and multi spectral signature suppression to counter visual, near-infrared, shortwave infrared and radar threats, providing thermal signature suppression. ULCANS anti-snag design allows for quicker deployment/recovery.

Electrical Power: None

Transportability: Traditional modes

Used By (Service): Army

Other Characteristics: Woodland & Desert Radar Scattering (R/S) & Woodland & Desert Radar Transparent (R/T) variants available through supply system, CTA Item, CECOM LCMC managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Retail/Wholesale Supply Systems, TM 5-1080-250-12&P



Shelters: Protective

Category:

Item Name: Solar System, Type I (Army)

NSN: 5410-01-519-7041

LIN:

Part Number (Model Number):

Description: Pole supported. Provides General purpose solar protection for food stocks, supplies, munitions, vehicles and equipment in hot climates.

Version:

Dimension:

- 35'L x 35'W x 7' to 10'H
- 895 sq. ft.

Weight:

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Assembly by two soldiers in 30 Minutes. Constructed of lightweight, open weave mesh material. Reduces solar effect by a minimum of 60%. HMMWV drive through capability. Cover is modular side to side. Desert Tan.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Category:

Item Name: Solar System, Type II (Army)

NSN: 5410-01-519-7185

LIN:

Part Number (Model Number):

Description: Pole supported. Provide solar protection for munitions, vehicles and equipment in hot climates.

Version:

Dimension:

- 50'L x 50'W x 10' to 14'H
- 2000 sq. ft. (Per Module)

Weight:

Capability:

Electrical Power:

Transportability:

Used By (Service): Army

Other Characteristics: Assembly by two soldiers in One Hour (Per 2000 sq. ft. Module). Lightweight, open weave fabric material. Complexible, modular design for varying ground cover. Reduces Solar effect by a minimum of 60%. Improves reliability of munitions. Vehicle drive through capability. Desert Tan.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability:



Heaters: Powered

Category:

Item Name: Improved Army Space Heater (IASH) Type II

NSN: 4520-01-646-3010

LIN: H00586

Part Number (Model Number):



Description: The IASH Type II is a safe, portable, multi-fueled, military robust forced-air heater in the 10,000 to 180,000 BTU/hr heating range. The IASH Type II is less costly, lighter weight, more mobile, stackable for improved transportability, reliable, efficient, maintainable, and reduces the logistics footprint as compared to the legacy IASH it replaces.

Version:

Dimension: 58"x23"x28"

Weight: 250 lbs

Capability: Provides Soldiers operating in basic, cold, and extreme cold environments a lightweight, forced-air heater with an adjustable thermostat to significantly reduce output to support small heated areas that operates in NBC environments and altitudes up to 12,000 feet without degradation of heat output. The IASH Type II has a single switch start and is operationally controlled by a control box located inside the tent and configured with automatic safety and temperature controls.

Electrical Power: 3kW generator

Transportability: Traditional modes

Used By (Service): Army

Other Characteristics: Class II MTOE item, TACOM ILSC managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Maintenance Systems, TM 10-4520-269- 13&P

Category:

Item Name: Improved Army Space Heater (IASH)

NSN: 4520-01-477-0568

LIN: H00586

Part Number (Model Number):



Description: The IASH (H-140) is a multi-fueled, powered heater that provides a maximum heat output of 140K BTU. Operates in an ambient temperature range from -60°F to 100°F and burns JP-8, DF-1, DF-2, and DF-A fuels for up to 8 hours unattended on a 14-gallon internal fuel tank. Safety features include an automatic shutdown in the event of an over temperature condition if the heater overheats or detects carbon monoxide gas in the shelter or return airflow.

Version:

Dimension: 59"x40"x33"

Weight: 360 lbs

Capability: Operates outside tent to provide heating for soldiers operating in basic cold and extreme cold environments. Thermostatically controlled, mobile, safely delivers heated or ventilation air through sealed detachable ducts. Has remote control capability, and provides improved safety over the Army Space Heater (ASH) it replaced.

Electrical Power: 3kW Generator

Transportability: Two soldier portable

Used By (Service): Army

Other Characteristics: Class II MTOE item, Replaced by IASH Type II, In Sustainment Only, TACOM ILSC managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Maintenance Systems, TM 9-4520-271- 14&P

Category:

Item Name: 60K Improved Environmental Control Unit (IECU)

NSN: 4120-01-543-0741 (Block I)

LIN: B29108

Part Number (Model Number):

Description: The 60,000 Btu/hr Improved Environmental Control Unit (60K IECU) provides cooling, heating, and dehumidification to soldiers and materiel systems in combat, combat support (CS), and combat service support (CSS) units, while utilizing non-ozone-depleting substance as its refrigerant. Block II system upgrades will consist of a “best of breed” concept that incorporates the latest technologies in Electromagnetic Interference, Chemical Biological Radiological and Nuclear (CBRN) protection as well as energy efficiency and component upgrades over the legacy system.



Version:

Dimension: 42”W x 35”D x 46”H

Weight: 560 lbs

Capability: Block II will utilize environmentally friendly refrigerant and be tested for operation up to 135 degrees Fahrenheit, will be ruggedized for military environments, reduces power consumption, reduces weight, increases reliability and increases heat output. The 60K IECU Block II will be organically supportable and feature soft start, limited inrush current, embedded diagnostics, automatic safety controls, remote control capability, and is NBC and EMI protected.

Electrical Power: 15 kW Generator

Transportability: Traditional Modes

Used By (Service): Army

Other Characteristics: MTOE Item, Legacy Block I fieldings complete, Block II in development with fieldings targeted to begin FY21

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Two Level Maintenance, TM 9-4120-431-14

Category:

Item Name: 60K Improved Environmental Control Unit (IECU)

NSN: 4120-01-543-0741 (Block I)

LIN: B29108

Part Number (Model Number):

Description: The 60,000 Btu/hr Improved Environmental Control Unit (60K IECU) provides cooling, heating, and dehumidification to soldiers and materiel systems in combat, combat support (CS), and combat service support (CSS) units, while utilizing non-ozone-depleting substance as its refrigerant. Block II system upgrades will consist of a “best of breed” concept that incorporates the latest technologies in Electromagnetic Interference, Chemical Biological Radiological and Nuclear (CBRN) protection as well as energy efficiency and component upgrades over the legacy system.



Version:

Dimension: 42”W x 35”D x 46”H

Weight: 560 lbs

Capability: Block II will utilize environmentally friendly refrigerant and be tested for operation up to 135 degrees Fahrenheit, will be ruggedized for military environments, reduces power consumption, reduces weight, increases reliability and increases heat output. The 60K IECU Block II will be organically supportable and feature soft start, limited inrush current, embedded diagnostics, automatic safety controls, remote control capability, and is NBC and EMI protected.

Electrical Power: 15 kW Generator

Transportability: Traditional Modes

Used By (Service): Army

Other Characteristics: MTOE Item, Legacy Block I fieldings complete, Block II in development with fieldings targeted to begin FY21

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Two Level Maintenance, TM 9-4120-431-14

Category:

Item Name: Improved Environment Control Units (IECUs)



NSN:

- 9K IECU 115/1/60 - 4120-01-592-7940
- 18K IECU 208/3/60 - 4120-01-592-7987
- 18K IECU 230/1/60 - 4120-01-592-7977
- 36K IECU 208/3/60 - 4120-01-592-7949

LIN:

- 9K IECU 115/1/60 - A05047
- 18K IECU 208/3/60 - A05048
- 18K IECU 230/1/60 - A05049
- 36K IECU 208/3/60 - A05050

Part Number (Model Number):

Description: Improved Environmental Control Units (IECUs) provide the next generation Environmental Control Units (ECUs) that use environmentally approved refrigerants, with zero ozone-depleting chemicals (ODCs). 9/18/36K IECUs are required to replace currently fielded legacy MIL-STD ECUs in order to comply with statutory and regulatory restrictions on the use of Class II Ozone Depleting Chemicals and increase the performance, efficiency and reliability of military ECUs. IECUs support the Warfighter by providing the required cooling, heating, and dehumidification to allow operation of essential mission systems to conduct military operations

Version:

Dimension:

- 9K IECU 115/1/60 23.75"W x 26"D x 16"H
- 18K IECU 208/3/60 30"W x 28"D x 20"H
- 18K IECU 230/1/60 30"W x 28"D x 20"H
- 36K IECU 208/3/60 38"W x 35"D x 27"H

Weight:

- 9K IECU 115/1/60 - 180 lbs.
- 18K IECU 208/3/60 - 250 lbs.
- 18K IECU 230/1/60 - 250 lbs.
- 36K IECU 208/3/60 - 350 lbs.

Capability: Provide cooling in the range of 9,000 to 36,000 BTU/hr and supplemental heating for rigid wall shelters. IECUs weigh less than legacy MIL-STD ECUs, provide increased energy efficiency (lower power consumption) are more reliable, and most importantly, eliminate the use of ozone depleting refrigerants. IECUs employ modern logic/control systems, variable speed controls to reduce inrush current and are operable at extreme temperatures.

Electrical Power:

- 9K IECU: 3kW Generator
- 18K IECU (1- or 3-Phase): 5kW Generator
- 36K IECU: 10 kW Generator

Transportability: Traditional Modes

Used By (Service): Army

Other Characteristics: MTOE Item, Fieldings to begin late FY19

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Two Level Maintenance

Heaters: Non-Powered

Category:

Item Name: Heater, Space, Radiant, Large (H-45 Space Heater) Type II, Liquid Fuel

NSN: 4520-01-329-3451

LIN:

Part Number (Model Number):

Description: The H-45 heater is a non-powered, 45,000 BTU heater that includes all accessories (stack, flue cap, gravity feed adapter, hoses, fuel can stand, etc). The H-45 Heater is operational in temperatures ranging from -60°F to 60°F, and can be stored in temperatures ranging from -60°F to 160°F.



Version:

Dimension: 18"D × 24"H

Weight: 65 lbs

Capability: Operates inside tent to provide heating for the Modular General Purpose Tent System (MGPTS), Modular Command Post System (MCPS), and TEMPER tents. The H-45 heater replaced the antiquated potbelly M-1941 heater. The H-45 heater operates without the use of electrical power and can burn all types of liquid fuel (DF-2, DF-1, DF-A, JP-5, and JP-8). Utilizes R-tube burner technology which eliminates the hazardous exposure of a pool of raw fuel during operation and provides a significant improvement in the combustion of diesel fuel while still maintaining simplicity, ruggedness, and low cost.

Electrical Power: None

Transportability: Traditional modes

Used By (Service): Army

Other Characteristics: CTA Item, Available through supply system, DLA managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Retail Supply and Maintenance Systems, TM 9-4520-257-12&P

Category:

Item Name: Large Capacity Field Heater (LCFH)

NSN:

- 4520-01-500-1534 (Type I)
- 4520-01-539-8737 (Type II)

LIN: H00654



Part Number (Model Number):

Description: The LCFH is a self-powered 350-400K BTU capacity forced air heater and the largest member of Improved Army Space Heater (IASH) Family. The LCFH burns JP-8 and all diesel fuels and provides safety features that guard against flame failure, high temperature air out, and carbon monoxide level.

Version:

Dimension: 40"x45"x62"

Weight: 650 lbs (dry)

Capability: Provides Joint Forces a fully supportable heater for larger shelters to allow sustained field operations in any cold weather environment. The LCFH is the Army's only standard heater for the Army's standard vehicle maintenance shelter, Lightweight Maintenance Enclosure (LME). Operates down to - 60°F, provides reductions in system weight, noise and CO emissions, and improvements in system reliability, fuel economy and safety with no leakage of combustion products.

Electrical Power: NA

Transportability: Traditional modes

Used By (Service): Army

Other Characteristics: MTOE item, in sustainment, TACOM ILSC managed.

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Two Level Maintenance, TM 9-4510-272-14&P (Type I), TM 10-4510-265-14&P (Type II)

Category:

Item Name: Space Heater Arctic (SHA)

NSN: 4520-01-444-2375

LIN:

Part Number (Model Number):



Description: The SHA is a lightweight, portable, multi-fueled (DF-2, DF-1, DF-A, JP-5, JP-8, wood and coal) non-powered heater that provides a maximum heat output of 26,000 BTU with a high/low adjustment capability. The SHA accessories are comprised of the stack, flue cap, gravity feed adapter, fuel can stand and hoses. All accessory components, including the pre-assembled, telescoping stove pipe, can be stored within the heater making it highly mobile and easy to assemble.

Version:

Dimension: 17"x9"x17"

Weight: 41 lbs

Capability: Operates inside the tent to provide heating for Soldiers in 5 and 10-man arctic tents. The SHA is operational in temperatures ranging from -60°F to 60°F, and can be stored in temperatures ranging from -60°F to 160°F. Replaces the M-1950 Yukon heater and utilizes vaporizing S-tube burner technology which eliminates the hazardous exposure of a pool of raw fuel during operation and provides a significant improvement in the combustion of diesel fuel.

Electrical Power: None

Transportability: Traditional modes

Used By (Service): Army

Other Characteristics: CTA Item, Available through supply system, DLA managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Retail Supply and Maintenance Systems, TM 10-4520-261-12&P

Category:

Item Name: Space Heater Convective (SHC) 35K

NSN: 4520-01-431-8927

LIN: H39372

Part Number (Model Number):



Description: The SHC 35K is 35,000 BTU, self-powered, thermoelectric heater that is capable of burning multiple liquid fuels (DF-2, DF-1, DF-A, JP-5, & JP-8). The SHC 35K operates from -60°F to 60°F, and provides better heat distribution than radiant type heaters, frees up floor space, and eliminates the need for a fire guard. Accessories include a remote temperature control box, cable, insulated air ducts, fuel hoses, gravity feed adapter, fuel can stand and spare parts.

Version:

Dimension: 40"×14"×18"

Weight: 74 lbs

Capability: Provides forced hot air circulation in military tentage without the need for an external power supply. Operates outside the tent and provides heating for the Modular Command Post System (MCPS) and other similar sized tents. The SHC 35K integrates thermoelectrics and combustion into a supportable heater that delivers clean, breathable heat to military tentage and shelters. Thermoelectric modules convert waste heat into electrical energy, which is used to power the blowers, pumps, ignition system, safety system, and control devices required in the operation of the heater. Provides single switch startup and heater operation that is completely automatic due to built-in diagnostics, safety and temperature controls.

Electrical Power: None

Transportability: Traditional modes

Used By (Service): Army

Other Characteristics:

Support Equipment (Ancillary): CTA Item, Available through supply system, DLA managed

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Maintenance Systems, TM 10-4520-262-12&P

Category:

Item Name: Space Heater Convective (SHC) 60K

NSN: 4520-01-520-6477

LIN: H39372

Part Number (Model Number):



Description: The SHC 60K is a 60,000 BTU lightweight, portable, multi-fueled heater that requires no external generator. Electrical power to operate the SHC 60K is generated internally, and without any moving parts or noise, by the use of thermoelectric modules, located in the combustion chamber, that convert waste heat into electrical energy. The electricity generated is used to power the blowers, pumps, ignition system, safety system, control devices, and to recharge the battery. The heater provides single switch startup and operation is completely automatic due to built-in diagnostics, safety and temperature controls. Accessories include a remote temperature control box, cable, insulated air ducts, fuel hoses, gravity feed adapter, fuel can stand and spare parts.

Version:

Dimension: 48"×17"×19-¼"

Weight: 98 lbs

Capability: Provides Soldiers operating in basic cold and extreme cold environments with a safe, portable, heater for the Modular General Purpose Tent System (MGPTS), and other shelters having up to 600 square feet of floor space. The SHC 60K operates outside the tent/shelter and provides forced air heating which supplies better heat distribution than radiant type heaters, frees up floor space, and eliminates the need for a fire guard.

Electrical Power: None

Transportability: Traditional modes

Used By (Service): Army

Other Characteristics: CTA Item, Available through supply system, DLA managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Retail Supply and Maintenance Systems, TM 10-4520-264-12&P

Category:

Item Name: Space Heater Convective (SHC) 90K

NSN: 4520-01-598-1844

LIN: S05023

Part Number (Model Number):



Description: The SHC 90K is a 90,000 BTU, lightweight, portable, multi-fuel, self-powered heater that operates outside military tents and provides forced hot air recirculation via sealed, detachable, quick connect, flexible air ducts, without the need for an external power supply. The SHC 90K operates on diesel and JP-8 fuels and generates its own internal electrical power without any moving parts. Fuel ignition is accomplished by a one-switch startup procedure on a remote control located inside the tent. Heater operation includes completely automatic safety and temperature controls as well as built-in troubleshooting diagnostics. The SHC 90K is also equipped with a remote intelligent control box that informs the heater's operator of a problem and how to fix it. The SHC 90K is equipped with an internal fuel tank to provide a minimum of 15 hours of continuous operation and has the capability to operate on an external fuel supply as well. It has a protective enclosure that can withstand extreme environmental and field conditions, and is forklift compatible with handrails/ handles to support local movement and positioning.

Version:

Dimension: 53" x 28.5" x 31.5"

Weight: 355 lbs

Capability: Provides forced hot air circulation without the need for an external power supply (i.e., field generator). The SHC 90K generates its own electrical power, without any moving parts, through the use of thermoelectric modules located inside the combustion chamber that convert waste heat into electricity. The internal generation of electrical power gives the SHC 90K the added capabilities of single switch operation, forced hot air circulation, outside the tent operation, completely automatic safety and temperature controls, built-in troubleshooting diagnostics, operation without the need for a fire guard, and significantly higher combustion efficiencies, all without the need for an external power supply. The SHC 90K's unique, self-powering capability enables the heating system to be smaller, lighter, more mobile, versatile, reliable and efficient and is an ideal match for meeting the future battle field requirements to reduce the logistic burden of supplying fuel and power to the field.

Electrical Power: None

Transportability: Traditional modes

Used By (Service): Army

Other Characteristics: CTA Item, Available through supply system, TACOM ILSC managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Maintenance Systems, TM 10-4520-267-13&P

Category:

Item Name: Space Heater Small (SHS)

NSN: 4520-01-478-9207

LIN:

Part Number (Model Number):

Description: The SHS is a 9,000 to 12,000 BTU output nonpowered heater, operational in temperatures ranging from -65°F to 60°F, and can be stored in temperatures ranging from -60°F to 160°F. The SHS includes all accessories including an integral fuel tank that eliminates the need for hoses, gravity feed adapter, fuel can and fuel can stand.

Version:

Dimension: 17.5"×9"×17"

Weight: 32 lbs

Capability: Provides heating for Soldiers in the Soldier Crew Tent and 4 and 5 man tents in moderate climatic conditions. Operates inside the tent to provide radiant heating without the use of external power and burns multiple fuels (Diesel, DF-1, DF-2, DF-A, JP-8, Jet A1 and Kerosene). Has both an internal/external fuel capability to allow heater operation off an external fuel supply using a fuel can and stand.

Electrical Power: None

Transportability: Traditional modes

Used By (Service): Army

Other Characteristics: CTA Item, Available through supply system, DLA managed

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: Standard Army Supply and Maintenance Systems, TM 10-4520-263-12&P





Air Conditioners



Kitchens

Category: Services

Item Name: Assault Kitchen (AK)



NSN:

- 7360-01-558-3100 (Green)
- 7360-01-560-5161 (Tan)

LIN: A94943

Part Number (Model Number):

- AK-0100 (Green)
- AK-0100-1 (Tan)

Description: The AK consists of a vehicle-mounted tray ration heater, insulated food containers, beverage dispensers, worktables, ice chest, and required utensils. It is transported and operated on a High Mobility Multipurpose Wheeled Vehicle (HMMWV) and Light Tactical Trailer (LTT) combination.

Version: N/A

Dimension: 20'x20'x8'2" (fully expanded)

Weight: 1100 lbs (dry weight of AK components)

Capability: The primary use of the AK is to support company level feeding in light thru heavy forces. The AK heats on the move — food is hot and ready to be served on arrival — and will be used to heat and serve rations in a field environment. It provides the ability to serve up to 250 hot Unitized Group Ration Heat & Serve meals and can support multiple unit locations as the tactical and logistical situation permits. The AK may also be used as an interim capability to provide hot meals until the primary field kitchens are deployed, or to augment non-mobile feeding requirements. It is capable of being set up and feeding in 15 minutes or less and can provide food 56% faster than the older company level kitchen.

Electrical Power: 24VDC Vehicle Power

Transportability: Air, land and sea

Used By (Service): Army

Other Characteristics: N/A

Support Equipment: N/A

Primary Inventory Control Authority (PICA): TBD

Supportability: TM 10-7360-230-13&P

Category: Services

Item Name: Containerized Kitchen (CK)

NSN: 7360-01-473-3408

LIN: C27633

Part Number (Model Number): NA



Description: The CK is a mobile field kitchen that provides an efficient, rapidly deployable food service capability as part of the Army Field Feeding System (AFFS). The CK consists of a combination of existing GOTS and COTS kitchen equipment integrated into an expandable 20ft ISO container mounted on a tactical trailer and towed by a 5 ton FMTV cargo truck. The CK supports 800 soldiers with three hot meals per day. The CK is powered by an on-board 10kW MEP-803A generator. It contains 6 Modern Burner Units (MBU), 2 commercial refrigerators, and 1 ECU.

Version:

Dimension: 25'x23'x11-½' (fully expanded)

Weight: 20,500 lbs

Capability: Capable of supporting up to 800 Soldiers with three hot meals per day. Each CK replaces two Mobile Kitchen Trailers.

Electrical Power: 10kW (includes generator)

Transportability: Air, land and sea

Used By (Service): Army

Other Characteristics: NA

Support Equipment (Ancillary): The CK is towed by a 5-ton FMTV or M923 cargo truck.

Primary Inventory Control Authority (PICA):

Supportability: TM 10-7360-226-13&P

Category: Services

Item Name: Food Sanitation Center

NSN: 7360-01-277-2558

LIN: S33399

Part Number (Model Number):



Description: The Food Sanitation Center is used with the Modular Field Kitchen, the Trailer Mounted Field Kitchen and the Containerized Kitchen (CK). The FSC is used to sanitize pots, pans, and utensils that feed troop units in the field and protects personnel performing sanitizing activities from weather. The Major components are portable by two soldiers and the FSC sets up on-site within 1 hour by four soldiers and prepares for movement within 30 minutes. The FSC Provides sanitizing services for kitchens serving up to 400 troops on a sustaining basis with day and night operation. The FSC can be transported on 5-ton tactical cargo vehicle or 2-1/2 ton tactical cargo vehicle. The FSC has 3 JP-8 fuel-fired MBUs and one MBU Kit and 3 twenty gallon sinks. The tent can be either an MGPTS (small with internal Y-pole) or 16 x 20 Type VII TEMPER.

Version:

Dimension: Variable layout arrangement

Weight: 1,400 lbs (approx.)

Capability: Provides capability to perform clean up following food service operations in the field. Replaces gasoline burning immersion heaters. Safely and efficiently operates on JP8 fuel.

Electrical Power: 120 VAC

Transportability: 2-½ ton or larger truck

Used By (Service): Army

Other Characteristics: NA

Support Equipment (Ancillary): NA

Primary Inventory Control Authority (PICA):

Supportability: TM 10-736-0227-13&P

Category: Services

Item Name: Kitchen, Company Level, Field Feeding – Enhanced (KCLFF-E)

NSN: 7360-01-374-1980

LIN: K28601

Part Number (Model Number): NA

Description: Includes M59 range, cook pot cradle, tray pack heater tank, insulated beverage dispensers, insulated food containers, ice chest, utensils, etc. Operated by two cooks.

Version: NA

Dimension:

Weight: 1300 lbs

Capability: Provides increased field feeding capability to deployed units. KCLFF-E is designed to heat, deliver and serve operational rations for up to 200 Soldiers as the tactical and logistical situation permits. A variety of meal options are possible, ranging from serving remotely prepared meals to cooking limited A-rations.

Electrical Power: 24VDC Vehicle power for battery recharge or MBU operation

Transportability: HMMWV or larger truck

Used By (Service): Army

Other Characteristics: NA

Support Equipment (Ancillary): NA

Primary Inventory Control Authority (PICA):

Supportability: TM 10-7360-209-13&P



Category: Services

Item Name: Modern Burner Unit (MBU)

NSN: 7310-01-507-9310

LIN: B38672

Part Number (Model Number): NA



Description: Direct replacement for the M2 Burner, push button operation, lights in place with electronic ignition, fuels in place, operational in environments from -25°F to 120°F. Power/fuel kits available for each field feeding application.

Version: NA

Dimension: 23"x19"x9.75" (same as M2 burner)

Weight: 39 lbs empty, 54 lbs fully fueled

Capability: Provides food service personnel the ability to safely and efficiently operate the field kitchens and sanitation centers on battlefield fuels (JP-8).

Electrical Power: 24VDC, 2kW gen set for MKT

Transportability: Transported inside kitchen

Used By (Service): Army

Other Characteristics: NA

Support Equipment (Ancillary): NA

Primary Inventory Control Authority (PICA):

Supportability: TM 9-6115-673-13&P

Category: Services

Item Name: Mobile Integrated Remains Collection System (MIRCS)



NSN:

- 4110-01-534-7675 (Green)
- 4110-01-534-7676 (Tan)

LIN: M57970

Part Number (Model Number): N/A

Description: The MIRCS is self-contained in an expandable 8'x8'x20' ISO certified container that is directly compatible with the HEMTT-LHS and Palletized Load System for transport. It is capable of holding up to 16 remains in refrigerated storage and is environmentally controlled. It has two processing areas as well as onboard storage for supplies and administrative forms. The system is transportable by C-130 or larger aircraft and helicopter sling load and provides refrigeration on the move.

Version: N/A

Dimension: 20'x8'x8' ISO frame

Weight: 23,240 lbs

Capability: Provides Mortuary Affairs (MA) units with a complete, self-contained, mobile facility to process, initially identify and store human remains and personal effects in support of the full spectrum of military and peacetime disaster support operations. The MIRCS will transform Joint MA operations by providing a system with reduced operational footprint that is deployable, agile, versatile, and sustainable.

Electrical Power: 15kW Tactical Quiet Generator (included)

Transportability: Land, Sea, Air

Used By (Service): Army

Other Characteristics: N/A

Support Equipment (Ancillary): N/A

Primary Inventory Control Authority (PICA):

Supportability:

- TM 10-4110-263-10
- TM 10-4110-263-10-HR
- TM 10-4110-263-23
- TM 10-4110-263-23P

Category: Services

Item Name: Mobile Kitchen Trailer - Improvement (MKT-I)

NSN: 7360-01-469-5482

LIN: L28351

Part Number (Model Number): NA

Description: The MKT is an expandable, self-contained, trailer-mounted field kitchen that can be towed behind 2.5 or 5 Ton military tactical vehicles

Version: NA

Dimension: 187" X 98" X 101" (transport mode)

Weight: 5760 lbs

Capability: The MKT is capable of preparing and serving the full range of rations in the Army inventory (to include A-rations if refrigerated storage is available) for up to 300 personnel.

Electrical Power: 120VAC, ~300W

Transportability: Towed behind 2.5 or 5 Ton military tactical vehicles

Used By (Service): Army

Other Characteristics: NA

Support Equipment (Ancillary): NA

Primary Inventory Control Authority (PICA):

Supportability: TM 10-7360-206-13



Category: Logistics

Item Name: The Multi-Temperature Refrigerated Container System (MTRCS)



NSN: 8145-01-534-3597, 8145-01-592-9018

LIN: M30688

Part Number (Model Number):

- NSN 8145-01-534-3597: Model - Genesis R90 (MTRCS01)
- NSN 8145-01-592-9018: Model - Supra 950MT (MTRCS02)

Description: MTRCS consists of a commercial combination engine driven/electrical powered refrigeration unit; insulated container with a removable partition segregating the 2 temperature zones.

Version: NA

Dimension: 20'x8'x8' ISO container

Weight: 13,396 lbs empty/39,504 lb payload

Capability: MTRCS provides mission-critical refrigeration capability to transport frozen and refrigerated products simultaneously. MTRCS is operational on the move and includes an integral bale bar for HEMTT-LHS compatibility.

Electrical Power: Self powered (onboard 25kw diesel generator); 220 V shore power or 440 V shipboard power

Transportability: Land, sea & air

Used By (Service): Army

Other Characteristics: NA

Support Equipment (Ancillary): NA

Primary Inventory Control Authority (PICA):

Supportability: TM 10-8145-222-13&P

Category: Logistics

Item Name: Refrigerated Container System (RCS)

NSN:

LIN: C84541

Part Number (Model Number):



Description: Consists of a 9,000 BTU refrigeration unit and 8'x8'x20' ISO insulated container, with approximately 800 ft³ of usable storage. The refrigeration unit is electric and can be set for refrigeration or freezer temperatures. A 10 kW Tactically Quiet Generator (TQG) is mounted within the envelope dimensions of the container to provide electrical power for the unit and lighting inside the container.

Version: NA

Dimension: 20'x8'x8'

Weight: 9,200 lbs empty, 52,900 lb capacity

Capability: Provides mission-critical refrigeration capability at forward areas for specialized military units. The RCS is used to transport perishable rations for field feeding units and human remains for mortuary affairs units.

Electrical Power: 10kW (includes generator)

Transportability: Land, sea and air

Used By (Service): Army

Other Characteristics: NA

Support Equipment (Ancillary): NA

Primary Inventory Control Authority (PICA):

Supportability: TM 55-8145-221-14&P

Laundries

Category: Services

Item Name: Containerized Batch Laundry (CBL)

NSN:

- 3510-01-527-2209 (Green)
- 3510-01-527-2210 (Tan)

LIN: C28019



Part Number (Model Number): N/A

Description: 2-50 lb. washers/extractors, 2-75 lb. dryers (both commercial), exhaust fan, all hoses and connections mounted in an ISO container. A TEMPER tent for laundry sorting is included with lighting, and environmental control. A similar laundry is currently used in the Force Provider system.

Version: N/A

Dimension: 20'x8'x8' ISO compatible container + 16' TEMPER tent

Weight: 16,500 lbs

Capability: Provides capability to wash and dry 200 lbs of clothes per hour, in a clean and safe environment. Will support Army field hospitals to clean clothing, linens, etc. The CBL is equipped with water reuse, capturing 50% of water used. Capable of collecting the waste water and transferring it up to 500' from the container. Fully transportable by land, air and sea.

Electrical Power: 100kW, 208 Volt/3-phase

Transportability: Land, air or sea

Used By (Service): Army Combat Support Hospital units, IAW HQDA direction, and Force Provider.

Other Characteristics: N/A

Support Equipment (Ancillary): N/A

Primary Inventory Control Authority (PICA):

Supportability:

- TM 10-3510-226-10
- TM 10-3510-226-10-HR
- TM 10-3510-226-23,
- TM 10-3510-226-23P

Category: Services

Item Name: Laundry Advanced System (LADS)

NSN: 3510-01-463-0114 (Model C), 3510-01-558-6662 (Model D)

LIN: L70538

Part Number (Model Number): N/A



Description: Two laundry drums and water processing equipment within a 20'x8'x8' ISO frame and generator mounted on a M871 trailer with 30 kW generator.

Version:

Dimension: 20'x8'x8' ISO frame mounted on M871 trailer

Weight: 29,800 lbs plus trailer and generator

Capability: Provides capability to clean clothing of 500 Soldiers per day in the field. LADS washes and dries clothing using a dry-to-dry process which washes, extracts, and dries the clothing in the same drum. The laundry water is re-used and recycled via distillation to minimize water consumption and waste water generation. LADS consumes 400 gallons of water per 20-hour day compared to 6,000 for a single M85.

Electrical Power: 30kW Tactical Quiet Generator, 208V AC, 3 Phase, 50/60 Hz. (Mounted on Trailer)

Transportability:

Used By (Service): Army

Other Characteristics: N/A

Support Equipment (Ancillary): N/A

Primary Inventory Control Authority (PICA):

Supportability:

- TM 10-3510-221-10
- TM 10-3510-221-23

Showers

Category: Services

Item Name: Small Unit Shower (SUS)

NSN: 4510-01-409-0139

LIN: B43946

Part Number (Model Number): N/A



Description: The Small Unit Shower (SUS) is a lightweight, rapidly deployable shower for small units and/or forward deployment. It consists of an air beam supported tent with four stalls with individual hand-held nozzles and water collection basins, and a diesel/JP8 fired water heater that uses 28VDC electrical power from a vehicle slave connection. It comes in three man portable bags that easily fit in a HMMWV bed.

Version: N/A

Dimension: Heater: 20"×13"×21"; Shelter: 8'×12'×7' (set up), two bags (packed) 35"×29"×17" each

Weight: 225 lbs

Capability: Lightweight, portable shower system provides shower support for small units in forward areas, providing up to 24 showers per hour.

Electrical Power: 28VDC via NATO slave cable connection to vehicle.

Transportability: Transportable by HMMWV or larger Vehicle

Used By (Service): Army

Other Characteristics: N/A

Support Equipment (Ancillary): N/A

Primary Inventory Control Authority (PICA):

Supportability: CTA item (CTA 50-909), available through supply system by requisition.

Latrines

Category: Services

Item Name: Field Deployable Latrine

NSN:

LIN:

Part Number (Model Number):



Description: The field-deployable latrine consists of two latrine units. Each unit has six toilets, a urinal trough, two hand-washing sinks, pump unit, 500-gallon collapsible water tank, and a 360-gallon waste tank. Setup (not including the shelter) takes two people about one hour. During the early stages of a deployment, the latrine can be operated in a stand-alone mode. That is, the water tank is periodically replenished and the waste tank is emptied using a wastewater disposal trailer. Once water and waste distribution systems are in place, the unit can be connected directly to the service lines. The latrine should be sited on a relatively level surface that is free of debris.

Version:

Dimension:

Weight:

Capacity: The two latrine units fit end-to-end inside a standard 4-section TEMPER tent, and support 275 people

Electrical Power: NA

Transportability:

Used By (Service): Air Force

Other Characteristics:

Support Equipment (Ancillary):

Primary Inventory Control Authority (PICA):

Supportability: T.O. 35E35-4-1