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APPENDIX A, SHELTER PRODUCT DATA SHEET, REVISION A:

PRODUCT DATA SHEET		CONTRACTOR NAME: CAMSS Shelters	
1.PART CAMSS-HIT-20EX32T		2.NSN: 8340-01-568-9886	
NUMBER:			
3.NAME: CAMSS20EX Shelter System	4.TYPE: Gable		5.CLASS:
6.COLOR: Desert Tan	7. Support System: Aluminum Frame		8.SERIES: EX
9. INTENDED USE: Billeting, Command Posts, Medical, Communications, Dining & Kitchens			
10.DIMENSIONS (IN FEET AND INCHES)	LENGTH: 32'	WIDTH: 20'	HEIGHT: 10' tall with 7' eaves
11.DIMENSIONS (EXTERNAL GUYED)	LENGTH 32'	WIDTH 26'	
12.SQUARE FEET INTERIOR: 640 sf			
13.WEIGHT (POUNDS, UNPACKAGED) LBS. 1,300 lbs.		14.WEIGHT (PACKAGED) 1,610 lbs. LBS	15.SHIPPING CUBE (PACKAGED) 75 CU.
16. SHIPPING CONTAINER	LENGTH Inches 101"	WIDTH Inches 43"	HEIGHT Inches 30"
17.SET-UP TIME/ NUMBER OF PERSONS: 4 persons / 30 minutes TIME UNDER CANOPY 30 minutes		18.STRIKE TIME/ NUMBER OF PERSONS 4 persons / 30 minutes	
19.SNOW LOAD: Design: 20 PSF Ground Snow Load per ASCE 7-16 Tested: 10 psf 12-hour snow load test per TOP 10-2-175		20.Wind Load: Design: 100 MPH per ASCE 7-16 Tested: Wind: 55 MPH sustained/65 MPH gusts per TOP 10-2-175	
Durability: ATC 20 strikes/erect set-ups		Wind-Driven Rain: 55 MPH sustained/65 MPH gusts with simulated rain per TOP 10-2-175	
21.PARTS INCLUDED (Include Quantity): The CAMSS20EX Shelter System is a complete shelter system, which includes: high strength aluminum frame, tensioned MIL-SPEC 44103D fabric cover system with total of twelve (12) mesh windows with wind resistant blackout covers, non-slip fabric floor extreme temperature liner system to maintain comfortable internal temperatures, quick connect electrical system with plug and play outlets, and electrical distribution panel and lights (which may be upgraded for an additional cost). One (1) 30" W x 80" H aluminum personnel door with locking flush mount handle and one (1) 36" w x 84" h double zipper entry are also included. Also included is the anchoring package with twenty-eight (28) double headed 18" base frame spikes and ten (10) guy ropes and guy spikes, 30 day spares / repair, and the verified technical manual. Shelter comes standard in wood crates, but can be upgraded to CAMSS Roto-Mold Containers for shipping and storage.			

22.DESCRPTION:

One of the most widely used shelters of the EX series is the CAMSS20EX Shelter System. Its straight vertical sidewalls and 20ft wide interior makes it ideal for many applications. Unlike curved or slanted sidewalls, the straight sidewalls allow for equipment and furniture to be placed adjacent to the walls, maximizing available space. This makes the CAMSS20EX Shelter System the preferred choice for hospitals, kitchens, and other applications requiring tall sidewalls. The CAMSS20EX shelter is rugged and durable for long life. It is able to withstand extreme temperatures, high winds, and heavy snow loads. The CAMSS20EX Shelter System uses a high strength aluminum frame to meet a 20PSF ground snow and a 100 mph wind load per ASCE 7-16.

CAMSS20EX Brochure: <https://youtu.be/7Xlv5v6AM9g>

CAMSS20EX Shelter Testing: <https://youtu.be/NCNPpx5bXU4>

Air Force report: Balad Hospital & CAMSS20EX Shelter Systems: <https://youtu.be/pF2JgRRRrkI>

23. ACCESSORY AND SUPPORT EQUIPMENT: LIGHT SET Product Data Sheet	PART NUMBER Or NSN	Check if Included	DESCRIPTION
	HIT-20EX-ELC01	INCLUDED	Quick connect incandescent lights with protective metal cages (need qty 2) (10 lights)
	CAMSS-HIT-20EX-ELC-LED-01	OPTIONAL	LED bulb lights with metal cages (need qty 2) (10 lights)
	CAMSS-EL-F50-1	OPTIONAL	Ruggedized Fluorescent Tube Light. Quantity 1 light (recommend ten 10 lights)
ELECTRICAL OUTLET SET Product Data Sheet	CAMSS-EL-LEDT-1	OPTIONAL	Ruggedized LED Tube Lights. Quantity 1 light (recommend 10 lights)
	HIT-20EX-EDP01	INCLUDED	(1) single phase power distribution box with (2) GFCI breakers (1) 20A breaker (4) twist lock connectors and (1) light switch with (1) 50' 20A power cable
	HIT-20EX-ERP01	INCLUDED	Triplex outlets – long
	HIT-20EX-ERO01	INCLUDED	Triplex outlets – short
FLOORING Product Data Sheet	CAMSS2032EL-EU	OPTIONAL	CAMSS20EX EU Electrical Kit. All electric components changed to 220V 50Hz
	HIT-20EX32-PFL01	INCLUDED	Standard Fabric Flooring. 15 oz./sq. yd. MIL-SPEC 44103D fabric flooring.
	CAMSS-HIT-20EX32-PFL03	OPTIONAL	Heavy-Duty Fabric Flooring. 18 oz/sq. yd. MIL-SPEC 44103D fabric flooring.
	CAMSS-HIT-20EX32-PFL28	OPTIONAL	Extra Heavy-Duty Fabric Flooring. 28 oz./sq. yd. MIL-SPEC 44103D fabric flooring.
	CAMSS-SFS-640	OPTIONAL	CAMSS Sub Flooring System
	CAMSS-HFLD/640	OPTIONAL	Personnel Hard Flooring. High-impact polypropylene with UV inhibitors – load capacity of 8,000 lbs. PSF when installed properly over cleared, stable ground
	CAMSS20EX32-RFS	OPTIONAL	Adjustable raised Floor System for CAMSS20EX Shelter System.
HEATER Product Data Sheet			
AIR CONDITIONER Product Data Sheet	CAMSS-5TECU01	OPTIONAL	CAMSS 5-Ton Ruggedized ECU. For cooling and heating.
	CAMSS-5TECU01-EU	OPTIONAL	CAMSS 5-Ton Ruggedized ECU. For cooling and heating. 50 Hz (European)
GENERATOR			

Product Data Sheet			
POWER DISTRIBUTION Product Data Sheet	CAMSS-E2SPDS	OPTIONAL	Two (2) shelter power distribution system
	CAMSS-E10PDS	OPTIONAL	Ten (10) shelter power distribution system (Distributes power to ten (10) shelters and ten (10) ECUs)
TRAILER MOUNTED SUPPORT SYSTEM Product Data Sheet			
INSULATED LINER Product Data Sheet	CAMSS2032HH	INCLUDED	Shelter includes an internal liner system that helps to maintain internal working conditions of 40° - 80° F in ambient temperatures of -25° to 125 F when supported by a 5-Ton military environmental control unit
	CAMSS20EX-HLLE	OPTIONAL	CAMSS20EX Insulcam Insulating Liner System. Tests have shown ECU usage to drop dramatically compared to standard liner.
INSULATED FLOORING Product Data Sheet	CAMSS20EX32-ECW-SF01	OPTIONAL	CAMSS20EX Extreme Cold Weather Subfloor. Creates a thermal barrier between the ground and the shelter fabric floor.
SOLAR SHADE/ CAMOU. NETT Product Data Sheet	CAMSS-20EX32-SF-T	OPTIONAL	CAMSS20EX Shelter System SolarFly. SolarFly provides energy savings.
PACKAGING	CAMSS-HIT-CR4149102	OPTIONAL	CAMSS Tall Rotationally molded container (41" x 49" x 102")