



## APPENDIX A, SHELTER PRODUCT DATA SHEET, REVISION A:

<b>PRODUCT DATA SHEET</b>		<b>CONTRACTOR NAME:</b> CAMSS Shelters	
<b>1.PART</b> CAMSS-HIT-29.552T		<b>2.NSN:</b> 5419-01-465-3019	
<b>NUMBER:</b>			
<b>3.NAME:</b> CAMSS30 California Medium Shelter System		<b>4.TYPE:</b> Quonset	
<b>5.CLASS:</b>			
<b>6.COLOR:</b> Desert Tan		<b>7. Support System:</b> Aluminum Frame	
<b>8.SERIES:</b> Q			
<b>9. INTENDED USE:</b> Maintenance, Communication Facilities, Transit Centers, Offices, Dining Rooms, Flight Line Support, Warehousing			
<b>10.DIMENSIONS (IN FEET AND INCHES)</b>	<b>LENGTH:</b> 52 Feet	<b>WIDTH:</b> 29 Feet 6 Inches	<b>HEIGHT RIDGE/EAV:</b> 14'9" Peak Height
<b>11.DIMENSIONS (EXTERNAL GUYED)</b>	<b>LENGTH</b> 52 Feet	<b>WIDTH</b> 37 Feet 6 Inches	
<b>12.SQUARE FEET INTERIOR:</b> 1,534 sq. ft.			
<b>13.WEIGHT (POUNDS, UNPACKAGED)</b> 3,550 LBS.		<b>14.WEIGHT (PACKAGED) LBS:</b> 4,520 lbs.	<b>15.SHIPPING CUBE (PACKAGED)</b> 295 CU.
<b>16. SHIPPING CONTAINER</b>	<b>LENGTH</b> 100 Inches	<b>WIDTH</b> 88 Inches	<b>HEIGHT</b> 58 Inches
<b>17.SET-UP TIME/ NUMBER OF PERSONS:</b> 6 People 3 Hours (AFOTEC TESTED)		<b>18.STRIKE TIME/ NUMBER OF PERSONS</b> 6 People 1.5 Hours	
<b>19.SNOW LOAD:</b> 20 PSF <div style="text-align: right;"><b>Design</b></div>		<b>20.Wind Load:</b> 100 MPH Source Selection Testing – Aberdeen Proving Ground 55 MPH sustained and 65 MPH gusts <div style="text-align: right;"><b>Design</b></div>	
<b>21.PARTS INCLUDED (Include Quantity):</b> The CAMSS30 Air Force Medium Shelter System comes as a complete shelter system with the heavy-duty aluminum slip fit frame with powder coated base. Also included is the MIL-SPEC 44103D Cover and End Panels with insulating liner, FR, IR, blackout, UV and mildew resistance, and six (6) mesh windows with wind resistant blackout covers, and one-piece top cover liner. Two (2) Aluminum Hard Personnel Doors measuring 32" W x 80" H are also included, as well as two (2) swing-out Vehicle Doors (11' W x 10.6' H) with insulating double layered fabric, 15. oz./sq. yd. non-slip MIL-SPEC 44103D fabric floor with vector proofing (replaceable without shelter disassembly), extreme temperature liner, four (4) sets of two (2) 18" ECU ports with a 6" cable port, and fabric air socks, shelter connector flap, three phase electrical panel (described below), separate breaker for welding, twenty-four (24) outlets, LED lights and 60A power cable. It includes a complete anchoring system of spikes, guys and earth anchors. AFOTEC verified TO with NSN parts list, 30 days spare/repair kit, (1) export wood crate.			
<b>22.DESCRPTION:</b> Successfully tested and reviewed in U.S. Air Force Medium Shelter Source Selection to withstand 100 mph wind load (test of 55 mph sustained/65 mph gusts at Aberdeen Proving Grounds) and 20 psf snow load. Successfully tested with 5" per hour of rain at 40 mph winds. Successfully tested 20 setup/strikes per AFOTEC testing with under 3 hour setup with 6 personnel at Holloman AFB. Successfully tested at -50° to 125° F to maintain inside temperature of 40° to 80° F with (4) standard 5-ton ECUs. High heat test included full solar load in chamber (Medium Shelter Source Selection Testing – McKinley Climatic Laboratories). Successfully tested naked eye blackout test at Aberdeen Proving Ground (Medium Shelter Source Selection). Successfully tested to assemble in MOPP-2 and cold weather gear per AFOTEC testing at Holloman AFB. Successfully tested to accommodate entry/exit of p-19 fire vehicle. 5 year warranty. Over 2,500 CAMSS30 California Medium Shelters deployed worldwide.			

<b>21. SUPPORT EQUIPMENT:</b>	<b>PART NUMBER OR NSN</b>	<b>Included or Optional</b>	<b>DESCRIPTION</b>
<b>LIGHT SET</b> Product Data Sheet	HIT-LED-LTR125	INCLUDED	LED High Bay Lights (qty of 3)
	HIT-ELC01	OPTIONAL	Incandescent Bulb Lights with Metal Cages (need qty 2) (14 lights total)
	NSN: 6150-01-549-8946		
	HIT-LCC01	OPTIONAL	LED Bulb Lights with Metal Cages (need qty 1)
	HIT-ELC-LED01	OPTIONAL	Led bulb Lights with Metal Cages (need qty 2) (14 lights total)
<b>ELECTRIC AL OUTLET SET</b> Product Data Sheet	HIT-ERP01	INCLUDED	Includes twelve (12) 100v outlets with cord and plug
	HIT-ERO01	INCLUDED	Includes twelve (12) 100v outlets with cord and plug
	HIT-EDP01-2	INCLUDED	One (1) 60 amp three phase power distribution box with four (4) 20A GFCI breakers, one (1) 30A breaker, four (4) twist lock cable connectors and one (1) light switch with (1) 50' 60 amp power cable.
<b>FLOORING</b> Product Data Sheet	HIT-PFL01	INCLUDED	15 oz./sq. yd. MIL-SPEC 44103D fabric floor system. Non-slip. Removable without frame disassembly.
	CAMSS-HIT-PFL03	OPTIONAL	Heavy-Duty Fabric Flooring. 18 oz/sq. yd. MIL-SPEC 44103D fabric flooring.
	CAMSS-HIT-PFL28	OPTIONAL	Extra Heavy-Duty Fabric Flooring. 28 oz./sq. yd. MIL-SPEC 44103D fabric flooring.
	CAMSS-SFS-1534	OPTIONAL	CAMSS30 Sub Flooring System
	CAMSS-HFLD/1534	OPTIONAL	Personnel Hard Flooring. High-impact polypropylene with UV inhibitors – load capacity of 8,000 lbs. PSF when installed properly over cleared, stable ground
	CAMSS-EXP-1534	OPTIONAL	Heavy-Duty Hard Floor. Load capacity of 36,000 lbs./sq. ft. when properly installed over flat stable ground.
	CAMSS-HFCC-1534	OPTIONAL	Hard Floor with Cable Channels. Load capacity of 10,000 lbs./sq. ft. when properly installed over flat and stable ground
<b>HEATER</b> Product Data Sheet			
<b>AIR CONDITIONER</b> Product	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)

<b>Data Sheet</b>	CAMSS-10TECU01	OPTIONAL	CAMSS 10-Ton Ruggedized ECU. For cooling and heating.
	CAMSS-10TECU01-EU	OPTIONAL	CAMSS 10-Ton Ruggedized ECU. For cooling and heating. 50 Hz (European)
<b>GENERATOR Product Data Sheet</b>			
<b>POWER DISTRIBUTION Product Data Sheet</b>	CAMSS-E2PDS	OPTIONAL	Two (2) shelter power distribution system
	CAMSS-E4PDS	OPTIONAL	Four (4) shelter powder distribution system
	CAMSS-E10PDS	OPTIONAL	Ten (10) shelter power distribution system (Distributes power to ten (10) shelters and ten (10) ECUs)
<b>TRAILER MOUNTED SUPPORT SYSTEM Product Data Sheet</b>			
<b>INSULATED LINER Product Data Sheet</b>	MSS-HIT-HBH01	INCLUDED	Standard liner. Helps maintain internal temperature of 40°F – 80°F in ambient temperatures of -25°F to 125°F when supported by military 5-ton environmental control units
	MSS-HIT-CWK01	OPTIONAL	CAMSS30 Insulcam Insulating Liner System. The CAMSS30 Insulcam system is compact and easy to install. Tests have shown environmental control unit (ECU) usage to drop dramatically compared to the base line medium shelter with standard liner. See Insulcam data sheet.
<b>INSULATED FLOORING Product Data Sheet</b>	CAMSS30-ECW-SF01	OPTIONAL	Extreme cold weather subfloor placed under floor acts as a thermal barrier.
<b>SOLAR SHADE/CAMOU. NETT Product Data Sheet</b>	CAMSS30Q-SF-T  NSN: 8340-01-653-5482	OPTIONAL	CAMSS30 SolarFly. The CAMSS SolarFly has been tested in extreme heat and significantly reduces required cooling. As well, it has been successfully tested to TOP 10-2-175 standards for high winds and gusts. See CAMSS30 SolarFly data sheet.