






<b>APPENDIX A Revision A</b>		<b>TRAILER MOUNTED SUPPORT SYSTEM PRODUCT DATA SHEET</b>	
<b>Company</b>		DHS Systems LLC	
<b>Part Number or NSN</b>		1007691	MODEL: HP-4/3312, 4-Duct, Desert Tan, Analog
Specifications as applicable			
Safety and Mobility Certification by Military Test Center			
Trailer			
Stowage Components included with trailer	NA		
Cargo Volume Stowage, For shelter and accessory components In cubic feet	140 cu. ft.		
Physical Dimensions for trailer	6.5 ft H		
Height	7.2 ft W		
Width	19 ft L		
Length			
Recommended Prime Mover Vehicle	LMTV	Requires a vehicle capable of towing a 6,500 lb. trailer.	
Empty GVW	5,292 lb.		
Tongue Weight	792 lb.		
Tire Type and Size	Radial	Two 37 x 12.50 x 16.5 LT Goodyear Wrangler R/T II, Load Rating C bias ply, run-flat tires	
Fuel Tank Capacity	26 gal.		
Generator			
Nominal Output in kW, Volts AC, Hertz, Phase	33kW	120/208VAC, 60 Hz, 3-Phase.	
Operating Environment	All	Operating Range: -50 °F to +140 °F.	
Engine type	Diesel	Four cylinder, turbo-charged, liquid cooled, direct injection, 1800 RPM. 	
Fuel Type	Diesel	Can also use JP8 or JP5.	



Fuel Consumption (AC Compressor On) At 25% load At 50% Load At 75% Load at maximum output	NA NA NA 2.65 Gal/hr.	
Noise in DB at 25 feet (AC Compressor On) At 25% load At 50% load At 75% Load At maximum rated load	NA NA NA 76 dB	
Heater		
Nominal Output in BTU's	NA	
Electric Requirement Volts/Amps	NA	
Air Conditioning		
Maximum Cooling Capacity in BTU's	144,000 BTU	
Maximum Heat Output Capacity in BTU's	2 stage heat	85,325 BTU/hr electric heat. 80,000 BTU/hr fuel fired AUX heat.
Refrigerant Type	R407-C	
CFM Air Flow	4,300 CFM	
Air Duct Diameter	4 Ducts	Two 14 in. Supply, two 16 in. Return.
Power Requirements in kW, VAC, HZ, Phase	32 kW	208 VAC, 60 Hz, 3-phase.
Special/Additional Features:	<p>The HP-4/3312 Trailer consists of one 33 KW, 120/208 Volt, 3-Phase, 60 Hz, diesel powered generator and one 12T, 144,000 BTU/hour 4-Duct Environmental Control Unit (ECU) mounted on a trailer chassis. The ECU provides heating and cooling to a shelter. The Genset is designed primarily to power the ECU and secondarily to power shelter's lighting and utility outlets for operating AC electric devices. The HP-4/3312 Trailer includes a 16 gallon fuel tank and has a rear cargo area of 140 cubic feet. The HP-4/3312 Trailer is designed for mobility and can be towed by a vehicle capable of pulling 6,500 lbs. This trailer is transportable by vehicle, air, rail, or sea and can be loaded by crane and transported by aircraft.</p> <p>INCLUDES:  Auxiliary Fuel Kit, (P/N T295180), Qty. = 1  Drip Berm, (P/N T295188), Qty. = 1  Trailer Electrical Set, (P/N T2-95235), Qty. = 1  Trailer Push Package, (P/N TR351G), Qty. = 1  Duct Assy, Supply (P/N T291230), Qty. = 2</p>	