



# S-788 FHT



S-788 FHT Trailer Shown with  
LMS Type V Shelter

## Fifth-Wheel Tactical Trailer with Removable Light-Weight Shelter

Gichner's S-788 FHT is a fifth-wheel variant, high mobility, tactical trailer equipped with a removable light weight multipurpose shelter.

The shelter is designed in accordance to military specification MIL-S-44408 and meets ASTM-PS-138 and ASTM-E-2377 performance specifications. This shelter platform serves as the US Military's most widely used light weight multipurpose shelter (LMS) and can also be mounted on utility variants of the High Mobility Multipurpose Wheeled Vehicle (HMMWV). The shelter is constructed of light weight aluminum bonded panels with Nomex honeycomb core or closed cell rigid foam core.

Gichner offers six variants of these LMS shelter types each weighing less than 650lbs and providing a minimum of 3,300lbs of payload capacity. The shelter is mounted to the trailer via four shock absorbing mounting provisions and can be removed by appropriate overhead sling.

The trailer is designed for high mobility applications suitable for missions required of HMMWVs. The trailer is constructed of a combination of aircraft grade aluminum and HSLA steel, equipped with an air-ride suspension, electronic micro-processing hydraulic braking system, manual stabilizing/leveling jack, and fifth-wheel attachment suitable for transporting by HMMWV, militarized medium tactical vehicle, or commercial medium duty truck.



**A TRADITION OF QUALITY**

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GSS-1497 Light Weight Shelter

General	
Max. Vehicle Weight:	7,000 lbs
Curbside Weight:	2,750 lbs (Trailer weight: 2,100 lbs / Shelter weight: 650 lbs <sup>1</sup> )
Max. Payload Capacity:	Trailer: 4,250 lbs <sup>1</sup> Max. Shelter Payload: 3,300 lbs
Construction:	Trailer: Unitized Design of Aircraft Grade Aluminum & HSLA Steel Shelter: Insulated Bonded Aluminum Panels with Rear Personnel Door(s), Lifting eyes, & Optional Generator Tunnel

Dimensions			
Overall Length:	197 inches	Overall Height:	106.75 inches
Overall Width:	85 inches	Trailer Deck Height:	36 inches
Shelter Interior Length:	99 - 1/2 inches <sup>1</sup>	Track Width:	72.5 inches
Shelter Interior Width:	81 - 1/2 inches <sup>1</sup>	Ground Clearances:	16.2 inches
Shelter Interior Height:	64 - 1/2 inches <sup>1</sup>	King Pin Height:	60 inches

Tire & Wheels	
Standard Size:	Two 37X12.5R16.5 Goodyear Military Wrangler M/T 30 Mile Run Flat
Rim Size:	16.5 x 8.25 Two Piece Steel, (8) on 6.5 inch bolt pattern

Operation Specifications	
Axle & Spindle:	Single Axle Design with Field Replaceable Wheel Spindle
Suspension:	Independent Trailing Arm Air-Ride with Class 8 Adjustable Commercial Air Bags; 7,000 lb Capacity
Shock Absorbers:	High Performance Remote Reservoir
Brakes:	12 x 12 inch (24V) Electrically Controlled Hydraulic Drum Braking system with Automatic Breakaway Actuation. Independent Manual Lever Activated Mechanical Parking Brake
Electrical:	24V & 12V Converter Box, with Blackout Capable Convoy Lights, Battery Back-Up for Breakaway Braking, Common Grounding Stud for Trailer & Shelter
RFI Enclosure Features:	Attenuation of 60 dB over 150Khz to 10GHz for Electric & Magnetic Fields Measured IAW ASTM-E-1925

Additional Features	
<ul style="list-style-type: none"> <li>• (4) Folding, Side Wall Roof Access Steps &amp; (1) Roof Hand Hold</li> <li>• Stabilizer Leveling Jack with Optional Shelter Level Indicators</li> <li>• Exterior, Rear Door Mounted Access Ladder</li> <li>• Optional Generator Tunnel, Roof Mounted Escape Hatch, and CB Purge Valve</li> </ul>	

<sup>1</sup> Shelter weight and interior dimensions listed represent standard S-788 Type III Shelter. Weight and interior dimensions vary per shelter variant. Shelter weight affects overall payload capacity.



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