

# #497 Triton Harness and Inflatable Vest (TSO)

Unlike any other vest on the market, the TRITON Vest is designed for exposure to salt-water and can be rinsed and dried without extensive inspection requirements. The integrated nylon cover allows for daily immersion and use of the device in harsh environments. Until the FAA approval, the harness and vest were only available to a limited number of military and state use operators. This approval makes the TRITON the first and only fully-integrated harness/vest authorized by the FAA for Human External Cargo (HEC) operations.



**Approved  
TSO-C13G**

## Part Numbers:

### **TSO-C13G**

#497-VOT: Triton Vest, Orange

### **TSO-C167**

#497-HM: Triton Harness, Medium

#497-HL: Triton Harness, Large

#497-HXL: Triton Harness, X-Large

#497-HXX: Triton Harness, 2X-Large

### **TSO-C85B**

#641-LRS: Aqua-Sirius Long Range Strobe Light

## Sizes:

- Medium fits 64"–69" tall (162-175 cm)
- X-Large fits 72"–78" tall (183-198 cm)
- Large fits 68"–73" tall (173-185 cm)
- 2X-Large Fits 74"–80" tall (188-203 cm)

## Features:

- ✓ *Mil-Spec Webbing*
- ✓ *Forged Stainless Steel V-Ring*
- ✓ *Titanium Talon II Safety Hook*
- ✓ *Stainless Steel Buckles*
- ✓ *35lbs Vest Buoyancy- Single Cell*
- ✓ *Manual CO2 Inflator and Oral Inflation Tube*
- ✓ *Equipment Pockets*
- ✓ *Water-Activated Survivor Locator Light*

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## Technical Specifications:

#497-T(size)O Triton Harness and Inflatable Vest		
Harness Webbing: (Load Bearing) Threads:	MIL-Spec Nylon Type 13:	Breaking Limit: 7,000lbs min (3,175kg)
	MIL-Spec Nylon Type 8:	Breaking Limit: 4,000lbs min (1,814kg)
	Threads:	Bonded Nylon TEX 270 (Load)
Harness Hardware:	V-Ring (Stainless Steel):	Breaking Limit: 8,000lbs(3,628kg)
	Talon II Safety Hook (Titanium):	Breaking Limit: 8,000lbs(3,628kg)
	Leg Buckle (#723):	Breaking Limit: 2,500lbs(1,133kg)
	Waist Buckle (#723):	Breaking Limit: 2,500lbs(1,133kg)
Vest:	Inflatable Cell:	Single Cell - 210 Denier Nylon with Heat Sealable Urethane Coating
	Inflation System:	Manual Inflation and Oral Tube
	CO2 Cylinder:	33 Grams
	Vest Buoyancy:	35lbs (155N)
	Markings:	3M SOLAS-Grade Retro-Reflective Tape
Weight:	Harness 4lb (1.81kg) with Inflatable Vest 6lb (2.72kg)	
Working Load Limit(WLL):	450lbs per FAA TSO-C167 Requirement	
Aqua-Sirius Strobe Light:	Water Activation	
	Bright White Signal 60 Flashes/Minute for Over 18 Hours	
	Flash with Reduced Brightness for 5 Days +	
	Size: 3.6" x 2.0" x 1.1"	
	Weight: 3.3 oz. (with batteries)	
	Requires (2) AA Alkaline or Lithium Batteries	
	U.S. Coast Guard SOLAS Approved: 161.112/109/0 and FAA TSO-C85B	
Certifications:	FAA TSO-C13G (Harness and Vest) and FAA TSO-C167 (Harness Only)	
Service Life:	12 years from date placed in-service or 15 years from date of manufacture, whichever occurs first.	

\*Refer to the owner's manual for periodic inspection, maintenance, storage and cleaning procedures. Warranty information can be found online at [www.lifesavingsystems.com](http://www.lifesavingsystems.com).

\*\*Details and specifications subject to change without notice.