

# EAM-T7AS



## SPECIFICATIONS

<b>Capacity</b>	Rated:   Overload: 10 Persons
<b>Approval</b>	USA: FAA TSO-C70a, Type I Japan: JCAB CARJ Article 152
<b>Color</b>	Raft: Yellow Carrying case: Yellow Canopy: Fluorescent Orange R1500-2XX, -4XX: Orange outside Blue inside Stabilizing Bags: Fluorescent Orange R1500-2XX, -4XX: Orange outside Blue inside
<b>Diameter Raft Tube</b>	9.60" (24.4 mm)
<b>Inflated Volume: @ 1.50 psig</b>	Tube 1: 10.5 ft <sup>3</sup> (0.297 m <sup>3</sup> ) Tube 2: 10.5 ft <sup>3</sup> (0.297 m <sup>3</sup> ) Canopy Arch Tube: 1.02 ft <sup>3</sup> (0.0289 m <sup>3</sup> ) Total (w/o ramp): 22.02 ft <sup>3</sup> (0.6235 m <sup>3</sup> )
<b>Tube Volume Per Person: @ rated capacity</b>	3.15 ft <sup>3</sup> (0.0891 m <sup>3</sup> )
<b>Total Tube Buoyancy</b>	1310 lbs. (594.2 kg)
<b>Buoyancy Per Person: @ rated capacity</b>	187.1 lbs. (84.89 kg)
<b>Total Deck Area</b>	25.2 ft <sup>2</sup> (2.34 m <sup>2</sup> )
<b>Deck Area Per Person: @ rated capacity</b>	3.60 ft <sup>2</sup> (0.334 m <sup>2</sup> )
<b>Tube Operating Pressure</b>	Minimum: 1.5 psig (0.10 bar) Nominal: 2.0 psig (0.14 bar) Maximum: 3.0 psig (0.21 bar)
<b>Pressure Relief Valves</b>	Open: 2.5 - 3.0 psig (0.17 - 0.21 bar) Close: 2.0 psig (0.14 bar)
<b>Tube Burst Pressure</b>	Over 6 psig (0.4 bar) Cylinder Size: 144 in <sup>3</sup> Cylinder Type: DOT-SP 9894-4500, TC-3 HWM 310
<b>Inflation System</b>	Charge Pressure: 4500 psig Charge Weights: CO <sub>2</sub> , : 2.30 to 2.32 lbs (1.04 to 1.05 kg) Charge Weights: N <sub>2</sub> , : 0.95 to 1.10 lbs (0.431 to 0.499 kg)
<b>Environmental Limits</b>	
<b>Temperature</b>	
<b>Humidity</b>	Up to 95% relative humidity
<b>Altitude</b>	-2000 to 45,000 ft. above sea level
<b>Service Life</b>	Indefinite if raft continues to pass periodic maintenance inspection
<b>Frequency Of Inspection</b>	36 months from last compressed gas cylinder hydro test date for first maintenance inspection, every 36 months for subsequent inspections

# APPROVALS

USA: FAA TSO-C70a, Type I

Japan: JCAB CARJ Article 152

- For Part 91, 121, 135 Operators (GA, Corporate, Helicopter, Air Taxi)
- Twin Tube Transport Series.
- Compact, lightweight. Constructed of neoprene coated nylon.
- High tech inflation system.
- Competitively priced.