

# EAM-T14AS



## SPECIFICATIONS

Capacity	Rated:   Overload: 21 Persons
Approval	USA: FAA TSO-C70a, Type I Japan: JCAB CARJ Article 152
Color	Raft: Yellow Carrying case: Yellow Canopy: Fluorescent Orange R1400-2XX: Orange outside Blue inside
Diameter Raft Tube	Stabilizing Bags: Fluorescent Orange R1400-2XX: Orange outside Blue inside 11.25" (28.58 cm) Tube 1: 20.14 ft³ (0.5703 m³) Tube 2: 20.14 ft³ (0.5703 m³)
Inflated Volume: @ 1.50 psig	Canopy Arch Tube: 2.35 ft³ (0.0665 m³) Boarding Ramp Tube: 1.14 ft³ (0.0323 m³) Total: 43.77 ft³ (1.239 m³)
Tube Volume Per Person: @ rated capacity	3.13 ft³ (0.0885 m³)
Total Tube Buoyancy	2458 lbs. (1115 kg)
Buoyancy Per Person: @ rated capacity	175.6 lbs. (79.64 kg)
Total Deck Area	50.4 ft² (4.68 m²)
Deck Area Per Person: @ rated capacity	3.60 ft² (0.334 m²)
Tube Operating Pressure	Minimum: 1.5 psig (0.10 bar) Nominal: 2.0 psig (0.14 bar) Maximum: 3.0 psig (0.21 bar)
Pressure Relief Valves	Open: 2.5 - 3.0 psig (0.17 - 0.21 bar) Close: 2.0 psig (0.14 bar)
Tube Burst Pressure	Over 6 psig (0.4 bar) Cylinder Size: 412 in³ Cylinder Type: DOT-SP11194 4500, TC-3CCM 310
Inflation System	Carbon and Glass Fiber Composite Charge Pressure: 4500 psig Charge Weights: Nâ,, : 4.57 to 4.70 lbs. (2.07 to 2.13 kg)
Environmental Limits	
Temperature	
Humidity	Up to 95% relative humidity
Altitude	-2000 to 45,000 ft. above sea level
Service Life	Indefinite if raft continues to pass periodic maintenance inspection
Frequency Of Inspection	36 months from the date of manufacture 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.