

# EAM-T36



## SPECIFICATIONS

Capacity	Rated:   Overload: 54 Persons
Approval	USA: FAA TSO-C70a, Type I
Color	Tube: Yellow Canopy: Fluorescent Orange Carrying Case: Yellow
Diameter Raft Tube	
Inflated Volume: @ 1.50 psig	Tube 1: 52.1 ft³ (1.48 m³) Tube 2: 52.1 ft³ (1.48 m³) Total: 104.2 ft³ (2.951 m³)
Tube Volume Per Person: @ rated capacity	2.89 ft³ (0.082 m³)
Total Tube Buoyancy	6168 lbs. (27440 N)
Buoyancy Per Person: @ rated capacity	171 lbs. (761 N)
Total Deck Area	133.72 ft² (12.423 m²)
Deck Area Per Person: @ rated capacity	3.71 ft² (0.345 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: 2.5-2.7 psig (0.17-0.19 bar) Close: 2.1-2.4 psig (0.14-0.17 bar)
Tube Burst Pressure	Over 6 psig (0.4 bar) Cylinder Size: 285 in³ Cylinder Type: DOT-SP11194 4500, TC-3CCM 310 Carbon and Glass Fiber Composite
Inflation System	Charge Pressure: 4500 psig Charge Weights: COâ,, : 2.00 to 2.02 lbs. (0.907 to 0.916 kg) Charge Weights: Nâ,, : 1.77 to 1.84 lbs. (0.803 to 0.835 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

- For Commercial Airlines and Air Cargo use.
- Twin tube.
- Compact, lightweight. Constructed of neoprene coated nylon.
- High tech inflation system
- Competitively priced.