

# EAM-T36



## SPECIFICATIONS

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