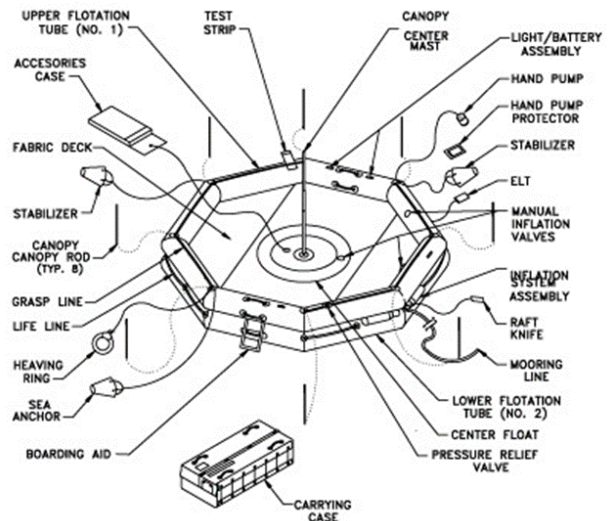




LIFE SUPPORT INTERNATIONAL

aviation safety, survival & rescue equipment

LIFE RAFT, T25, TYPE I, 25-MAN Base model: R0372A-xxx *Commercial Aviation*



APPROVALS

USA: FAA TSO-C70a, Type I

Australia: CAA No. 98-3, ANO

Germany: LBA No. 40.320/16

Japan: JCAB No. 582

APPLICATION

- For Air Taxi, Corporate and General Aviation
- Single Tube
- Compact, lightweight. Constructed of neoprene coat nylon.
- High tech inflation system
- Competitively priced

The T25 life raft is a self-inflating life raft intended for use by aircraft crew members and passengers during overwater emergencies and are designed to provide safe, rapid and reliable means for aircraft egress in case of such an emergency.

When deployed and in water, the T25 may be boarded on either side. Raft accessories are contained in an accessories case tied to raft using a 5 (five) foot (1.52 meter) case tie line. Accessories case is pulled onto raft by occupants subsequent to boarding. The fabric deck is equipped with an inflatable center float to provide additional flotation support. Center float is to be inflated by occupants subsequent to boarding using the hand pump supplied with raft equipment. Raft canopy, located inside accessories case, features two (2) roll-up doors and a rain water collector in the top of the roof panel.

T25 CHARACTERISTICS

RATED CAPACITY:	25 PERSON
OVERLOAD CAPACITY:	37 PERSON
TOTAL TUBE BUOYANCY:	4,750 lb. (2,154.6 kg)
AERA PER PERSON:	3.60 ft ² (0.33m ²)
TOTAL DECK AERA:	90 ft ²
INFLATION SYSTEMES:	S/838 psi & C/4500 psi
FORGEGIN APPROVALS:	JCAB / LBA
ASPIRATED INFLATION SYSTEM:	NO

PACKING / DIMENSIONS

- Dimensions and weights shown are nominal and do not allow for pack expansion and swelling.
- Tolerances of actual pack dimensions:
- For dimensions of 5.5 inches and less = -0.25/+1.0 inches
- For dimensions greater than 5.5 inches = +/- 0.5 inches
- For stowage compartment clearance, allow additional 0.5 to 1.5 inches in excess of final pack dimensions.
- Tolerance of actual pack weight = +/- 3.0 lbs.
- Allow additional 2.0 to 4.0 lbs. weight when ELT installed.

CONFIGURATION

Survival Kit Contents: All Rafts come equipped with a standard FAR Survival Kit .

Kits may be customized to meet regulatory requirements.

All Rafts can be customized with: Emergency Locator Transmitters. Watermakers and Specialized Survival Kits.

Custom Canopies Deliver a Multi-Beneficial System.

Raft Capacities to Meet Industry Standards.

Model No.	Description / Kit / Canopy	Dimensions & Weight
R0372A101	T25 man-twin tube-type 1 - FAR 121 Kit	36" x 19" x 10", 95lb
R0372A103	T25 man-twin tube-type 1 - FAR 121 SP-5 Desalters	36" x 19" x 10", 110lb
R0372A105	T25 man-twin tube-type 1 - 121 SP CAA-1 Desalters	36" x 19" x 10", 95lb
R0372A107	T25 man-twin tube-type 1 - FAR 121 Kit	30" x 20" x 12", 95lb
R0372A109	T25 man-twin tube-type 1 - FAR 121 SP-Watermaker	30" x 20" x 12", 100lb
R0372A111	T25 man-twin tube-type 1 - FAR 121 SP-Watermaker	36" x 19" x 10", 105lb
R0372A113	T25 man-twin tube-type 1 - JAR 121-Watermaker	36" x 19" x 10", 98.5lb
R0372A115	T25 man-twin tube-type 1 - FAR 121 Kit	32.5" x 16.5" x 10", 95lb
R0372A301	T25 man-twin tube-type 1 - FAR 121 Kit Composite Cylinder	36" x 19" x 10", 75lb
R0372A303	T25 man-twin tube-type 1 - JAR 1212 Kit Composite Cylinder-Watermaker	36" x 19" x 10", 78lb
R0372A305	T25 man-twin tube-type 1 - JAR 1212 Kit Composite Cylinder-Watermaker	36" x 19" x 10", 78.5lb
R0372A307	T25 man-twin tube-type 1 - FAR 135w/ 135 Survival Kit- Composite Cylinder	36" x 19" x 10", 97lb

SPECIFICATIONS

Capacity	Rated: 25 Persons Overload: 37 Persons
Approval	USA: FAA TSO-C70a, Type I Australia: CAA No. 98-3 Germany: LBA No. 40.320/16 Japan: JCAB No. 582
Color	Raft: Yellow Carrying case: Yellow Canopy: Orange
Diameter Raft Tube	13.5" (34.3cm)
Inflated Volume: @ 1.50 psig	Tube 1: 38.05 ft. ³ (1.08 m ³) Tube 2: 38.05 ft. ³ (1.08 m ³) Total: 76.1 ft. ³ (2.16 m ³)
Tube Volume Per Person: @ rated capacity	Total: 4.07 ft. ³ (0.12 m ³)
Total Tube Buoyancy	4,750 lbs. (2154.6 kg)
Buoyancy Per Person: @ rated capacity	190 lbs. (86.2 kg)
Total Deck Area	90.2 ft. ² (8.38 m ²)
Deck Area Per Person: @ rated capacity	3.6 ft. ² (0.334 m ²)
Tube Operating Pressure	2.0 psig (0.138 bar)
Pressure Relief Valves	Open: 3.0 psig (0.207 bar) Close: 2.0 psig (0.138 bar)
Tube Burst Pressure	Over +10 psig (+0.69 bar)
Inflation System (2 cylinders)	Cylinder Size: 295 in. ³ Cylinder Type: DOT 3AA-2100, Steel Cylinder Size: 285 in. ³ Charge Weights: CO ₂ : 0.30 to 0.32 lbs (0.14 to 0.15 kg) Charge Weights: N ₂ : 3.10 to 3.25 lbs (1.41 to 1.47 kg)
Environmental Limits	
Temperature	Functional Range: -20 to 160 °F (-29.8 to 71 °C) Storage Range: -65 to 160 °F (-54 to 71 °C)
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	CO₂ and Air-Aspirated Every 12 months. Lightweight System Every 36 months.