



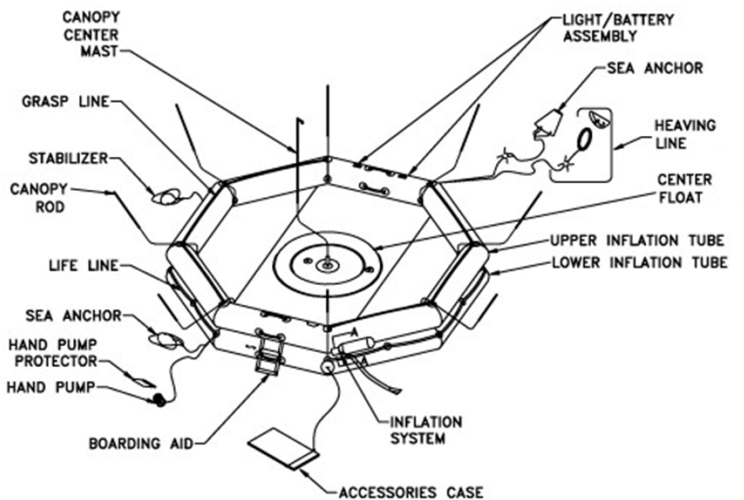
LIFE SUPPORT INTERNATIONAL

aviation safety, survival & rescue equipment

LIFE RAFT, T56, FAA TYPE I, 56-MAN

Base Model: R2000-xxx

Commercial Aviation



APPROVALS

USA: FAA TSO-C70a, Type I

APPLICATION

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

The T56 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 T56 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.

T56 CHARACTERISTICS

RATED CAPACITY:	56 PERSON
OVERLOAD CAPACITY:	84 PERSON
TOTAL TUBE BUOYANCY:	9,968 lbs. (4521.41 kg)
AERA PER PERSON:	3.60 ft ² (0.33m ²)
TOTAL DECK AERA:	202 ft ²
INFLATION SYSTEMES:	C/4500 psi
FORGEGIN APPROVALS:	JCAB
ASPIRATED INFLATION SYSTEM:	YES

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
R2000-101	T56 man-twin tube-type 1 - FAR 121 Kit	48" x 22" x 6" 96lb
R2000-103	T56 man-twin tube-type 1 - FAR 121 Kit	41" x 22" x 6.5" 96lb
R2000-105	T56 man-twin tube-type 1 - FAR 121 Kit	40" x 23" x 7" 92 lb

SPECIFICATIONS

LIFE RAFT T56	
Capacity	Rated: 56 Persons Overload: 84 Persons
Approval	USA: FAA TSO-C70a, Type II
Color	Raft: Yellow Canopy: Fluorescent Red
Diameter Raft Tube	16.125 in. (333.34 mm)
Total Tube Buoyancy	9968 (4521 kg)
Buoyancy Per Person: @ rated capacity	178 lbs. (80.7 kg)
Total Deck Area	201.65 ft. ² (18.74 m ²)
Tube Operating Pressure	3.0 psig (0.207 bar)
Pressure Relief Valves	Open: 2.5-2.7 psig (0.17-0.18 bar) Close: 2.1-2.4 psig (0.14-0.16 bar)
Tube Burst Pressure	Over +10 psig (+0.69 bar)
Inflation System	Cylinder Size: 285 in. ³ Cylinder Type: DOT SP 11194-4500 Charge Weights: N ₂ : 2.60 to 2.65 lbs. (1.180 to 1.20 kg)
Environmental Limits	
Temperature	Functional Range: -30 to 165 °F (-34 to 74 °C) Storage Range: -30 to 165 °F (-34 to 74 °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	Every 3 years, maximum.