



PARACHUTE COMPANY

Established 1920

**MD-3**  
INTERNATIONAL  
LIFE RAFT

The  
**MD-3**  
INTERNATIONAL

**OFFSHORE LIFE RAFT**  
**Combining Quality, Value, & ...**  
**A Name You Trust**



The MD-3 Life Raft meets all **ISO 9650-1:2005 (E)** Part 1, Type 1, Group "A" Requirements.  
The MD-3 meets **US SAILING's OFFSHORE SPECIAL REGULATIONS 2006-2007** for Category 1 & 2 Races and,  
**ISAF's OSR Governing Offshore Racing for Monohulls and Multihulls 2006 - 2007**  
(Appendix A Part II) requirements for Category 1 & 2 Races.

# - FEATURES, EQUIPMENT, AND SPECIFICATIONS -

## STANDARD FEATURES

- 30 ft. (9 m) Inflation/Mooring Line. 1,685 pound-force (7.5 kN) Breaking Strength.
- High Tensile Strength 1,685 pound-force (7.5 kN) Towing & Inflation/Mooring Line Attachment Point.
- Red indicator on Inflation/Mooring Line 3 ft. (1m) from "Firing Point".
- Inflation/Mooring Line Safety Knife.
- Twin Independent Buoyancy Chambers.
- CO<sub>2</sub> / N<sub>2</sub> Inflation System +5°F +149°F (-15°C and +65°C) Operating Range.
- Manual Topping Off Valves. (4 ea.)
- Over Pressure Relief Valves. (2 ea.)
- ◇ Raft Use Instructions. (Silk-Screened on High Visibility Raft Tube Labels)
- Rigid Boarding Step at Primary Boarding Station.
- ◇ Boarding Ladder. (1 ea.)
- ◇ Boarding Aid Handholds.
- Life Raft Righting Strap.
- Lifelines (inner).
- Lifelines (outer).
- High Visibility Fluorescent Orange Canopy with Water Resistant Closures.
- Twin Independent Canopy Support Arch Tubes with Full Seated Headroom for All Occupants.
- ◇ Blue Inner Coating on Raft Canopy.
- Two 4' Semi-circular Gull-Wing Canopy Openings.
- Heavy Duty Marine Grade Water Resistant Zippers Canopy Closures and Ventilation Shutters.
- Rain Water Collector.
- ◇ Clear Urethane Port Lights. (2 ea.)
- SOLAS Grade Retro-Reflective Tape on Raft Canopy and Bottom.
- Automatically Activated Boarding Station Locator/External Marker Light.
- Automatically Activated Interior Light.
- Large Capacity, Weighted, Rectangular Ballast Pockets.
- Automatically deployed Sea Anchor complying with ISO 17339 with Heavy Duty Swivel.
- Heaving Ring with Floating Line. 30 m (100 ft.)
- Independent Heat Sealed Inflatable Floor (To be Stowed in Raft)
- ◇ Abrasion resistant 1,000 Denier Cordura™ Soft Valise.

## OPTIONAL FEATURES

- Hand Laid Fiberglass Container
- Anodized Aluminum Deck Mounting Cradle
- USCG Approved Hydrostatic Release with Weak Link
- Independent Drop-Stitch Inflatable Floor

## STANDARD EQUIPMENT

- Drinking Water ..... (3 liters) 102 fl. oz.
- USCG Approved Waterproof Flashlight ..... 2 ea.
- Spare Flashlight Bulb ..... 2 ea.
- Spare Flashlight "D" Cell Batteries ..... 6 ea.
- Sponges ..... 2 ea.
- Bailor ..... 1 ea.
- USCG/SOLAS Red Handheld Distress Flares ..... 3 ea.
- USCG/SOLAS Parachute Distress Flares ..... 2 ea.
- Anti-Seasickness Pills ..... 36 ea.
- Seasickness Bag ..... 6 ea.
- Signaling Mirror ..... 1 ea.
- Signaling Whistle ..... 1 ea.
- Paddles ..... 2 ea.
- Pressure Relief Valve Plugs ..... 2 ea.
- Manual Inflation Pump ..... 1 ea.
- Buoyancy Chamber Repair Clamps ..... 3 ea.
- Floating Safety Knife (mounted on raft tube) ..... 1 ea.

## § ADDITIONAL OPTIONAL EQUIPMENT

- ⊕ Abandon Ship Bag ..... 1 ea.
- ⊕ Drinking Water ..... (6 liters) 203 fl. oz.
- ⊕ USCG Approved First Aid Kit ..... 1 ea.
- ⊕ Sun Screen (≥ SPF 50) ..... 8 oz.
- ⊕ USCG/SOLAS Red Handheld Distress Flares ..... 3 ea.
- ⊕ SOLAS Thermal Protective Aid ..... 2 ea.
- ⊕ USCG Approved Rations ..... (60,000 kJ) 14,400 kcalories

- Required by ISO 9650-1, Part 1: Type I
- ⊕ Equipment required by ISO 9650-1, Pack 1 (> 24 h);  
Packed in Abandon Ship Bag
- ◇ In excess of ISO 9650 Requirements
- Optional Features
- § Abandon Ship Bag and Additional Optional Equipment are not needed to meet US Sailing's requirements for Category 1 & 2 Races.

## SPECIFICATIONS

Rated Capacity	6 Person
Overload Capacity	9 Person
Weight - Hard Container *	115 lbs. (52.2 kg.)
Weight - Valise *	97 lbs. (44.0 kg.)
Weight - Abandon Ship Bag ****	27 lbs. (12.2 kg.)
Hard Container Dimensions **	31 in. l x 21 in. w x 14 in. h ( 79 cm. x 53 cm. x 36 cm. )
Soft Valise Dimensions ***	30 in. l x 19 in. w x 15 in. h ( 76 cm. x 48 cm. x 38 cm. )
Abandon Ship Bag Dimensions ****	15 in. l x 10 in. w x 15 in. h ( 38 cm. x 25 cm. x 38 cm. )
Buoyancy Tube Diameter	9.5 in. (24.1 cm.)
Freeboard	19 in. (48.3 cm)
Raft Inflated Dimensions	84 in. waf. x 46 in. high (213 cm. waf. x 117 cm. high)
Floor Area (total)	24 ft. <sup>2</sup> (2.23 m <sup>2</sup> )
Floor Area (per person)	4 ft. <sup>2</sup> (.37 m <sup>2</sup> )
Buoyancy in Fresh Water	Total 1,272 lbs. (577 kg.)
Per Person	212 lbs. (96 kg.)
Buoyancy in Salt Water	Total 1,302 lbs. (591 kg.)
Per Person	217 lbs. (98 kg.)
Operating Pressure	2 p.s.i. (13.8 kPa.)
Operating Temperature Range	+5°F +149°F (-15°C and +65°C)
Life Raft Hard Container Material	Hand Laid Fiberglass
Life Raft Soft Valise Material	1,000 Denier Cordura™
Aluminum Cradle Material	AL-6463-T55
Buoyancy Tube Fabric	USCG Approved 16 oz./sq. yd. Urethane Coated Nylon Base Cloth (Exceeds MIL-C-17415-16 AA)
Inflation System	Single Inflation Cylinder with Carbon Dioxide (CO <sub>2</sub> ) Nitrogen (N <sub>2</sub> ) Gas Mixture

\* Weight may vary depending upon options.

\*\* Optional Cradle will extend the overall installed height and width dimensions of the Hard Container by approximately two inches.

\*\*\* Weight and Dimensions may vary depending upon options.

\*\*\*\* Abandon Ship Bag Weight and Dimensions Include Additional Equipment Required by ISO 9650, Part 1 Rev. 2, Equipment Pack 1 (>24 hours)

• Specifications Subject to Change Without Notice

The MD-3 International Meets all ISO 9650-1:2005 (E) Part 1, Type 1, Group "A" Requirements &

Meets US Sailing's Regulations for Category 1 and 2 events.

Valid for Life Rafts Manufactured After 01/06

Manufactured with Pride in America

SWITLIK PARACHUTE COMPANY

1325 East State Street Trenton, N.J. 08609

Phone: (609)-587-3300 Fax: (609)-586-6647

E-Mail: [info@switlik.com](mailto:info@switlik.com) Web Site: [www.switlik.com](http://www.switlik.com)

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ISO 9001:2000 - Registered Quality Management System