



PARACHUTE COMPANY

# MD-2 MK-II

## LIFE RAFT

Established 1920

### The

# MD-2 MK-II

## OFFSHORE LIFE RAFT

Combining Quality, Value, & ...  
A Name You Trust



**Designed for offshore use, the MD-2** is our most popular Life Raft. Its Inflation System, Buoyancy Chamber Material, Seam Construction, and Ballast System, are all identical to those in our USCG Approved *SOLAS* Life Rafts. Any item in the survival equipment that can be Coast Guard Approved is, and meets any applicable International *SOLAS* standard.

A rigid boarding step at the primary entrance, in addition to boarding ladders at both entrances, facilitates climbing up and into the raft from the water. Twin "Gull-Wing" doors make it easier to jump into the raft from higher freeboard vessels and the large triangular openings provide excellent ventilation with 360° lookout capability. Their heavy-duty marine grade closures can be zipped up to raise freeboard, while maintaining openings for lookout capability.

The extra large reinforced Ballast Pockets exceed the USCG and international *SOLAS* volume requirements. Internal weights help them fill rapidly.

Shock is an important concern when people are forced to abandon ship.

Even in tropical waters, raft occupants must do everything possible to insulate themselves from the relatively colder water outside the Life Raft and separate themselves from any water that may be in the raft.

So-called "Double Floors" are merely a second layer of fabric attached to the bottom of the raft. When inflated, they do provide some insulation. Unfortunately, any water inside the raft remains on top of the floor and constantly comes into contact with the survivors. This greatly increases the rate at which their bodies lose heat and energy.

Our optional independent Heat Sealed or Drop-Stitch Inflatable Floors, sit on top of the rafts bottom providing thermal insulation. Unlike integral inflatable floors, they create a bilge; raft occupants sit on top of the floor; water in the raft goes under it.

The rugged hard container is made of hand laid fiberglass and is strong enough that you can stand on it. The puncture and abrasion resistant soft valise is constructed of 1,000 Denier Cordura™

An anodized marine grade aluminum Deck Mounting Cradle, and USCG Approved Hydrostatic Release are also available as options.

# - FEATURES, EQUIPMENT, AND SPECIFICATIONS -

## STANDARD FEATURES

- Inflation/Mooring Line (30 ft.)
- CO<sub>2</sub> / N<sub>2</sub> Inflation System (+10°F to +140°F Operating Range)
- Automatically deployed Mil Spec. Sea Anchor with Heavy Duty Swivel
- High Tensile Strength Towing/Mooring/Inflation Line Attachment Points
- Two 4' Triangular Canopy Openings with Heavy Duty Marine Grade Zippers
- Abrasion resistant 1,000 Denier Cordura™ Soft Valise
- High Headroom Arch Tube
- Double Width Boarding Ladders (2 ea.)
- Rigid Boarding Step
- Boarding Handholds
- Life Raft Righting Strap
- Lifelines (inner)
- Lifelines (outer)
- Heaving Ring with Floating Line (100 ft.)
- Water Activated Boarding Station Locator/Interior Light
- Rain Water Collector
- Large Capacity, Weighted, Rectangular Ballast Pockets
- High Visibility Fluorescent Orange Canopy with Blue Inner Coating
- SOLAS Grade Retro-Reflective Tape
- Manual Topping Off Valves
- Over Pressure Relief Valves
- Raft Use Instructions
- Separate Abandon Ship Duffel Bag for additional owner supplied equipment

## STANDARD EQUIPMENT

- Drinking Water 96 oz.
- USCG Approved Waterproof Flashlight .....1 ea.
- USCG Approved First Aid Kit .....1 ea.
- Spare Flashlight Bulb .....1 ea.
- Spare Flashlight "D" Cell Batteries .....3 ea.
- Sponges .....2 ea.
- Bailor .....1 ea.
- USCG/SOLAS Red Handheld Distress Flares .....3 ea.
- USCG/SOLAS Parachute Distress Flares.....2 ea.
- Signal Mirror .....1 ea.
- Signaling Whistle .....1 ea.
- Anti-Seasickness Pills .....36 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.

## OPTIONAL FEATURES

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

## What is Rhino Tough™?

**RHINO TOUGH** defines the **strength and resistance to damage** of our Life Rafts' inflatable buoyancy chamber fabric. This heavy-duty, 16oz. per square yard Nylon fabric, urethane coated inside and out, with heat-sealed over-lapped seams, taped inside and out, is the toughest in the industry. The urethane coating is virtually immune to porosity due to "Cold-Cracking". This can be caused by the extremely low temperatures of the Life Raft's inflation gases that can damage many of the other coatings used today. Our buoyancy chamber fabric's resistance to damage from puncture and abrasion is second to none!

## SPECIFICATIONS

Rated Capacity	6 Person
Overload Capacity	9 Person
Weight - Hard Container *	94 lbs.
Shipping Weight	114 lbs.
Weight- Valise *	75 lbs.
Shipping Weight	87 lbs.
Hard Container Dimensions **	31.75 in. l x 21 in. w x 15.5 in. h
Valise Dimensions ***	34 in. l x 19 in. w x 16 in. h
Buoyancy Tube Diameter	9.5 in.
Freeboard	19 in.
Raft Inflated Dimensions	84 in. dia. x 45 in. high
Floor Area (total)	24 ft. <sup>2</sup>
Floor Area (per person)	4 ft. <sup>2</sup>
Buoyancy in Fresh Water	Total 1,272 lbs.
	Per Person 212 lbs.
Buoyancy in Salt Water	Total 1,302 lbs.
	Per Person 217 lbs.
Operating Pressure	2 p.s.i.
Operating Temperature Range	+ 10°F - + 140°F
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-17415-16AA)
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. • Specifications Subject to Change Without Notice

Manufactured with Pride in America

By

**SWITLIK PARACHUTE COMPANY**

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ISO 9001:2000 - Registered Quality Management System