



SEARCH & RESCUE TRAINING MANIKIN

FOR PROFESSIONALS WHO SAVE LIVES

Sharpening the “search” in Search & Rescue, the Ruth Lee Search and Rescue Training Manikin challenges crews to locate a lifelike, low-visibility casualty fast—before conditions turn fatal.

Built to mimic the buoyancy of a semi-submerged person, it floats with head and shoulders just above water, while legs drop to a natural 45°, helping teams refine spotting angles and distance estimation under pressure.

Its dark suit and optional black face mask create a stealth profile that disappears in daylight glare—yet reveal SOLAS reflectives for torch or IR pickup during night ops.

Tough enough to withstand 6 m drops, Jason’s Cradle recoveries, and endless launch cycles, it’s the go-to for marine units and inland SAR teams perfecting real-time sweep patterns and full “locate-to-recover” drills.

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SEARCH & RESCUE TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

Man overboard search and rescue exercises in the open ocean, streams, lakes or other inland waterways.

SPECIAL MATERIALS:

Carcass constructed from nylon mesh. High density webbing (25mm rated to 200 Kg, 50mm rated to 435Kg with a +/-5% range). SOLAS reflective tape compliant with US Department of Transportation specification USCG 46 CFR, section 164.018, and International Maritime Organisation (IMO) resolution A.658(16). Non-absorbent closed cell foam – water absorption: 1 Day <0.1 (DIN 53428 1986) 28 Days < 0.5% VOL. Overall constructed from the same material used in Police ballistic/stab vests (conforms to OEKO-TEX® Standard 100, BS EN ISO 12947-2 & 14116: 2008).

FEATURES & BENEFITS:

- Similar to our Man Overboard manikin, but with black overalls and mesh hood to reduce visibility.
- Floats horizontally, vertically or at 45 degrees, to simulate a live person or dead body – achieved by redistributing foam pieces within the overalls in a matter of seconds.
- The tough nylon mesh carcass allows the water to penetrate quickly, allowing the legs to drop

beneath the surface, leaving only the head and shoulders visible, if desired.

- Dry weight 40Kg (Adult) increases to 65Kg retrieval weight from water.
- Strong webbing loop at the back allows easy handling, storage and suspension for drying.
- Built in Polypropylene strips allow flexibility in the water but prevent the manikin from bending in half when using recovery devices such as a Jason's Cradle.
- Comes complete with overalls, boots and mesh hood, which are easily replaced if damaged.

NOT SUITED FOR:

- Use in temperatures above 100°C or flashover scenarios – See our Fire House manikin.

EXTENSIVELY USED BY:

- RLNI (Royal National Lifeboat Institution).
- Police and police dive teams
- Royal Navy
- Offshore operators.
- Coastguards & Lifeguards.
- Inland Water Rescue Teams.
- Shipping & Fishing industries.
- Equivalent organisations in North America, Europe, Asia and Australia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Youth	RLNW20SR	1.3	20	N/A
Adult	RLNWSR	1.8	40	4210-99-5942538