

MUSTANG SURVIVAL

WE SAVE LIVES FOR A LIVING



TWIN CHAMBER LIFEJACKET FOR AVIATION

MD1127

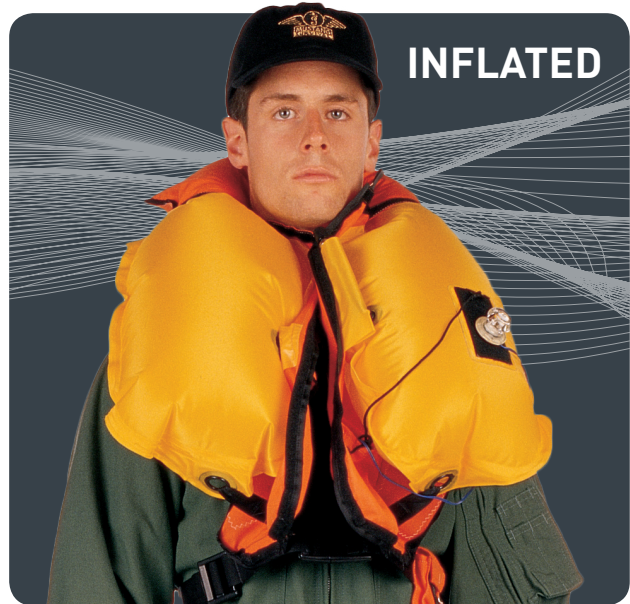
The Mustang MD1127 is a lightweight, constant wear inflatable lifejacket designed for use by pilots and passengers flying over water in light aircraft, float planes, helicopters, and long range patrol aircraft. The lifejacket is approved by the Federal Aviation Administration (FAA) as an Adult Type 1 life preserver under TSO-C13f for constant wear use.

The MD1127 lifejacket is designed to be slim in profile for constant wear comfort and mobility, even when worn with a helmet, and compatibility with aircraft seat harnesses. The inflatable cell is folded and stored within a durable, FR-protective cover in a manner which makes it remarkably easy to repack. The CO2 inflation system and oral inflator are conveniently located for routine pre-flight inspection and maintenance while also being protected from chafing and spray with durable self-closing covers.

The MD1127 conforms to ASCC Air Standard 6 1/4 with its single point inflation, 165 Newtons buoyancy, and self-righting inflatable cell design. The MD1127's self-righting performance also fully complies with international SOLAS standards, providing stable, upright flotation and good lateral and rear head support for unrestricted visibility to the horizon. The inflatable cell is designed with two independent chambers, separated by a fully integrated floating baffle system. This provides for an orally inflated reserve chamber in the event that the primary chamber becomes damaged.

The cover is constructed from fire resistant 6 oz. Nomex® aramid fabric. The perimeter of the cover is held closed with a hook and pile fastener system which is designed to automatically open upon cell inflation. An adjustable waist belt accommodates up to 137 cm (54 inches) for personal fitting. A pocket on the left side of the waist belt provides storage for a personal Emergency Location Transmitter (ELT).

Survival accessories include a U.S. Coast Guard approved SOLAS whistle, and an 8 hour water activated rescue light conforming to TSO-C85. Additional accessories are optionally available. Each lifejacket is supplied with a comprehensive manual providing detailed user instructions and procedures for operation, routine inspection, and maintenance.



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IN-WATER PERFORMANCE

Fully inflated, the lifejacket provides an effective buoyant force of 165 Newtons (37 lbs). Self-righting is achieved within 5 seconds of activation. Wearer will be supported in a stable, upright position with mouth clear of water surface, at an angle of approximately 45° from the vertical.

Inflation is achieved with a single point mechanical inflator system, utilizing a replaceable 34-37 gram CO2 cylinder (nominal 35 grams) conforming to Type III of MIL-C-25369. Backup oral inflation is provided on both front and rear chambers with an oral inflation system conforming to MIL-O-81375.

MATERIALS

The radio frequency welded construction of the inflatable cell utilizes polyurethane coated nylon fabric which exceeds the requirements of both MIL-C-83489 and AMS 3272/1. The protective cover is constructed from fire resistant 6 oz. Nomex® aramid fabric. The adjustable waist belt is constructed from 38 cm (1 1/2 inch) wide polypropylene webbing with a minimum load strength of 160 kg (350 lbs).

SIZES

Universal Adult, adjustable up to a 137 cm (54 inch) waist.

WEIGHTS

Total weight with the cylinder installed is 1 kg (2.2 lbs).

TESTING

ALL LIFEJACKETS ARE FULLY TESTED AND PROVEN 100% LEAK-TIGHT.

Mustang Survival is an ISO9001 Certified Company.

All suits are tested to ensure the highest level of reliability and performance.

Our commitment to quality has earned our Richmond facilities ISO9001 registration, the highest of all international standards.

This is our guarantee you're receiving the ultimate in design and manufacturing.

Mustang Survival has a policy of continuous improvement and reserves the right to modify products or features at any time.



Rev. 24Sep2009

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CAGE CODE 1CJ91 DUNS # 185314283

Central Contractor Registration # 1998G071539

GSA CONTRACT NO. GS-07F-0065H

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