THE MOLLE SYSTEM

The Modular Lightweight Load-Carrying Equipment (MOLLE) system consists of the Fighting Load Carrier (FLC) with specialized pockets, the Large Ruck, the Waist Pack, the Front Panel, and additional pouches.

The FLC is a modular load-carrying system designed to enhance the survivability and equipment handling by modern soldiers and marines. MOLLE is a requirement for all US military equipment. This system was designed based on soldier feedback.

Consequently, you have just been issued the Modular Lightweight Load-Carrying Equipment. The appropriate pouches/pockets that match your squad position will be issued at the unit.

Your Command Issue Facility or Supply should issue you a complete Rhythm MOLLE set.

Waist Pack

Radio Pouch

Fighting Load Carrier

Waist Pack

MOLLE Large

Pouch
Fig. 11 1/4 Three magazine side x side pouch
Fig. 10 Canister/General purpose pouch
Fig. 9 fragmentation hand grenade pouch
Fig. 8 9 mm magazine pouch
Fig. 7 40 mm protective (Illuminating) round pouch (double)
Fig. 6 40 mm high explosive grenade pouch (double)
Fig. 5 40 mm high explosive grenade pouch (single)
Fig. 4 M4 two magazine pouch
Fig. 3 Medical pocket
Fig. 2 200 round SAW pouch
Fig. 1 100 round SAW pouch

Pocket/Pouches

In addition to Rifleman pouches, specialized pouches exist to accommodate Grenades, SAW Grenades, Medics, and Pistol configurations.

A common FLC vest is provided for all Soldiers and Marines with specialized removable pouches for Rifleman, Pistol, SAW Gunner, Grenade, Clerical, and Medical or Compassion

Fig. 1.2 Fighting Load Carrier (FLC)
The pistol configuration shows the magazine pockets and the grenade pouches, which are designed to hold up to 12 magazines in three magazine pockets and two grenade pouches.

The helmet configuration is designed to hold up to 12 magazines in three magazine pockets and two grenade pouches.

The Nijel Load Bearing (FLC) is a modular vest that allows commanders to tailor the equipment load to their needs without direct exposure to low-velocity rounds. The molle pockets can be removed over body armor. The FLC helps distribute the load without the need for excessive padding that can hinder mobility and discomfort.

The Molle System provides a proper new equipment load carriage capability that the Alice System.
Medical Bag

The MedConfig will receive four zipped medical pouches for h.e.

The Config consists of ten shallow single h.e. explosive grenade

pouches, two double h.e. explosive grenade pouches and two double pyrotechnic round pouches.

The SAW Gunner Configuration accommodates two 200-round magazine pouches and
C. Position body vest panels so they fit comfortably on the torso of body armor.

B. Place the vest on the body.

A. Remove the stiffened webbing adjustment tabs from the two slots on the vest.

Removing Both Stiffened Webbing

Adjustment Tabs From Vest

Belt

Flotation Load Carrier Adjustments

The Canteen/General Purpose Pouch has a variety of uses.
Slow webbing ends in waist panels.

NOTE: FOR NARROW ADJUSTMENT

Buckle on belt is not used.

The buckles are shown for clarity in the illustration below, but when properly adjusted they will be hidden inside the waist panel lumbar.

Once the belt is adjusted properly, adjust the waist belt webbing and side release buckle.

Loose ends of 1-inch webbing with elastic keepers.

Secure the webbing adjustment tabs and wear the belt as shown. Secure loops. Slide the waist panels over the center back of the belt until a proper fit is achieved. Secure the webbing adjustment tabs and wear the belt as shown. Secure loops. Slide the waist panels over the center back of the belt until a proper fit is achieved. Secure the webbing adjustment tabs and wear the belt as shown. Secure loops.
“Wrong Way”

**Correct Way**

This attachment system is extremely secure and stable when properly used.

The pouch will be attached to the waist webbing as shown in the illustration. The pouch should be attached between the waist and the harness, and the waist webbing should be securely tightened around the pouch. The attachment should be made using the snap fastener provided with the pouch.

**Pouch/Pocket Attachment**

1. Secure the rear running ends of all webbing with the elastic keepers or tape.
2. Adjust the webbing equally on the four metal buckles on the back of the vest.
3. Position the pouch at the desired location on the vest.
4. Secure the pouch with the snap fastener provided.
5. Adjust the height of the pouch as required.
The Assault Pack has a total volume of 2000 cubic inches. The radio pouch shown on page 21 can be attached to the rear panel of the Assault Pack utilizing the one inch oval loops.

Optional use waist belt.

Quick-release buckle

Attachment strap to frame

Carrying handle

P.ocket attachment webbing

Compression Straps

Mesh lid pocket

Main compartment with drawstring closure

Side suspension pouch (2 each)

Lower compartment with side external access

Compression Straps

Pocket attachment locations

The Molle Large Ruck:

The Large Ruck shoulder straps and waist belt come pre-assembled to the frame. The other components are provided as add-ons that can be attached as needed.
A properly positioned waistbelt will cover the hip bone. After the one-inch webbing is secured around the frame to hold the shoulder snaps in place, wrap the 1/2-inch webbing around the cross bar and secure with the slide buckle.

The shoulder strap suspension of the frame is adjusted by securing the one-inch webbing behind the frame. For short torsos, move the waistbelt location on the frame as shown in the next illustration. If more adjustment is needed, move the shoulder strap location around the frame in the appropriate location where the slide buckle.

Adusting Straps on Frame

Waist Pack

This model, assault the attached waist belt is folded into the pump on back of the waist. The location is determined by positioning the frame and fastening the waist belt on the front over the hip bone. When not used in kontakt, the frame is folded around in front to easily access the shoulder straps. When the frame is attached to the harness, the waist pack is fastened to the frame on the back of the belt. It can be carried in the waist pack by utilizing the silver webbing tabs on back.

Assault Pack

The female side release buckles on the bottom of the frame are the fastener for the frame of the assault pack. By passing the remaining webbing straps with the multi-purpose waist pack which can be worn in one of three ways, it can be worn on the shoulders or attached to the frame of the assault pack. It is in the front pocket of the assault pack. There is a removable six magazine bandoleer. Inside of the assault pack there are two white strips used for ambidextrous. These strips can attach directly to the bracing harness D-rings. If a lowering line is used, proceed cautiously. It is also an attachment loop. Consult procedures FM 3-21.220 for proper weight.
The Large Buckle using the one-inch webbing.

The large buckle, the radio pouch is secured to the four black metal loops on the inside of the General Purpose Shingle when a pack is not secured. When the radio must be carried in the General Purpose Shingle when a pack is not needed. Then removeable D-rings on each side to allow the radio to be carried by a SGARS/ASIP radio.

Radio Pocket

Radio pouch designed to carry a SGARS/ASIP radio.

A cord and burlap lock, inside the large buckle against the large buckle against the large buckle to prevent

The Large Buckle contains a rolling made of water-resistance material which is secured with the vertical openings.

The sides of the buckle are secured to the frame by using the folded webbing as a toggle.

The neck attachment loops are attached at the top slot on the frame with a three-bar buckle and webbing.
MOLLE ACCESSORIES

Donning and Doffing

Always disengage waistbelt buckle and chest strap first.

Emergency clothing can be accomplished by sharply pulling upward on the quick-release lap band to disengage the buckle and lift the pack off the back.

The MOLLE pack can also be detached when in the prone position by simply actuating one of the shoulder strap quick-release and lifting the pack off of the waistband by twisting to one side when released.

Do not try to push down on the lap belt.

Simply insert the quick-release buckle to the firmer position and push until the lap belt clicks.

The waist belt and chest straps are also disengaged. To re-attach the quick-release buckle, the shoulder strap quick-releases and lifting the pack off of the waistband is accomplished by sharply pulling upward on the quick-release.

Lanyard to disengage the buckle and lifting the pack off the back.

Emergency clothing can be accomplished by sharply pulling upward on the quick-release.
MOLLE CONFIGURATIONS

1. The Lighter Fitting Load which consists of the FL and Waist Pack.

There are several possible load configurations. The common configurations are:

Possible:
- Get used to removing items that are not needed so the load is as clean and streamlined as possible.

Get to know your MOLLE system and experiment with different load configurations.

Storing empty M4 magazines.

Points of attachment for permanent MOLLE. The MOLLE panel (MVP) is designed to allow the user to attach additional equipment such as MOLLE gear and other mission essential items in a vehicle without taking up valuable space on the individual's PEC. The MVP has the cords in each corner to allow mounting on various vehicles or other mission essential items in a vehicle. The MVP is designed to allow the user to attach additional equipment such as MOLLE gear and other mission essential items in a vehicle without taking up valuable space on the individual's PEC. The MVP has the cords in each corner to allow mounting on various vehicles or other mission essential items in a vehicle.
3. The full pack load consists of the fighting load carrier, waist pack and assault pack.
The cap from completely closing. Thread otherwise, the lanyard could prevent cap lanyard is pushed down past the screw prevent leaking. In the cap leaks, make sure the be sure the cap is screwed down all the way to the bottom.

Care and Use:

1. Rinse hydration system with mild soap and hot water before first use and after.
2. To reseal, add 2 teaspoons of baking soda to a full system of water and let soak.
3. To sanitize, add 2 teaspoons of bleach to a full system of water and let soak.
4. The use of bleach or other harsh water will accelerate mold growth and will require over time.

The hydration system requires regular cleaning as described below.

The M240 ammo bag is designed to carry 200 rounds of 7.62mm linked ammo. It is lightweight and comes with an On-the-move Hydration system for special missions.
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<thead>
<tr>
<th>NSN Number</th>
<th>Description</th>
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<tr>
<td>8465-10-224-8322</td>
<td>Molle, Combat Hydration System (Shum)</td>
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<tr>
<td>8465-10-224-8331</td>
<td>Molle, Bladder Hydration System (Hydrapak)</td>
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<td>8465-10-224-2078</td>
<td>Molle, Combat Medic Set</td>
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<td>8465-10-224-762</td>
<td>Molle, Field Set</td>
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<td>8465-10-224-763</td>
<td>Molle, Grenade Set</td>
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<td>8465-10-224-762</td>
<td>Molle, Saw Combat Set</td>
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<tr>
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Molle Components (Universal Camouflage)
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<td>MOLLE, Pouch, Wire 252-055-058</td>
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<td>8463-01-252-0585</td>
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<td>8463-01-252-7263</td>
<td>MOLLE, Waist Pack</td>
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<td>8465-01-252-7594</td>
<td>MOLLE, Pouch, Explosive Shaped Set</td>
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<td>8465-01-252-7655</td>
<td>MOLLE, 100 Round Pouch</td>
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<td>8465-01-252-7555</td>
<td>MOLLE, Adapter Alice Clip</td>
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<td>8465-01-252-5280</td>
<td>MOLLE, Pouch, Assaulter</td>
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<tr>
<td>8465-01-252-5006</td>
<td>MOLLE, Pouch, M4 Two Mag</td>
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<tr>
<td>8465-01-252-9888</td>
<td>MOLLE, Pouch, Grenade, Hand</td>
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