MURA Release Kit

(PSGC)

November 2013
# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Introduction</td>
<td>3</td>
</tr>
<tr>
<td>2. Preflight Inspection</td>
<td>4</td>
</tr>
<tr>
<td>3. Functional/Annual Check</td>
<td>4</td>
</tr>
<tr>
<td>4. Cleaning</td>
<td>5</td>
</tr>
<tr>
<td>5. Assembly (Platform)</td>
<td>6</td>
</tr>
<tr>
<td>6. Assembly (Quick Release)</td>
<td>7</td>
</tr>
<tr>
<td>7. Assembly (Handle)</td>
<td>12</td>
</tr>
<tr>
<td>8. Operation</td>
<td>16</td>
</tr>
<tr>
<td>9. Parts List</td>
<td>17</td>
</tr>
<tr>
<td>10. Additional Photos for Reference</td>
<td>18</td>
</tr>
</tbody>
</table>

---

**Copyright Notice**

This owner’s manual is copyrighted, all rights reserved. It may not, in whole or in part, be copied, photocopied, reproduced, translated or reduced to any electronic medium or machine readable form without prior consent in writing from Capewell Aerial Systems LLC.
The following symbols are used throughout this manual:

**WARNINGS** indicate a procedure or situation that may result in serious injury or death if instructions are not followed correctly.

**CAUTIONS** indicate any situation or technique that will result in potential damage to the product, or render the product unsafe if instructions are not followed correctly.

**NOTES** are used to emphasize important points, tips, and reminders.

1. Introduction

The MURA Release Kit is designed to be integrated into a vest system for retention to the Aircraft. The MURA has a working load of 5,000 lbs and an ultimate load of 8,000 lbs.

Your MURA release and vest is an important piece of survival equipment. Proper care and maintenance will ensure your vest will accomplish the level of safety performance it is designed for. It is important that you become familiar with these instructions to safely use this MURA release.

The MURA release can be used with flotation collars and back pack type devices as long as the handle and quick release are free of obstructions.

Grooved pins are one time use only! Replace after removal

**WARNING**

KEEP YOUR VEST AND RELEASE SYSTEM IN USABLE CONDITION. IMPROPER WEAR MAY RESULT IN DAMAGE TO THE COLLAR. DO NOT WEAR ANY GARMENT OR PIECE OF EQUIPMENT OVER THE RELEASE. IMPROPER USE OR NEGLIGENT CARE OF THIS EQUIPMENT CAN CAUSE SERIOUS INJURY OR DEATH.
2. Preflight Inspection

It is the responsibility of the air crewman to inspect the entire release system before flight operations. Perform a preflight inspection prior to each flight and at intervals not to exceed 30 days. If damage is found during an inspection, the vest must be grounded until repaired.

2.1. Inspect the outside of the release system for:

- Cuts, tears, and abrasion damage
- Functionality of the release
- Contamination damage

2.2. Ensure that the handle is attached and secure

2.3. Ensure the MURA performs properly using the thumb release.

2.4. Ensure that the MURA is secured to the vest.

3. Functional/Annual Check

This recommended functional check should be performed on the MURA periodically:

3.1. Remove the release handle from the pocket and pull the cable to actuate the quick release. Ensure the force required to actuate the quick release is below 5 lbs.

3.2. Check the quick release assembly for cracks and gouges in the metal. Replace the MURA if cracks or gouges are found. Scratches and chips in the paint are acceptable.

3.3. Inspect the fabric and webbing on the MURA for cuts or significant fraying, especially in areas around other metal components. Ensure stitching is intact and not frayed. Replace the MURA if damage is found.

Note: Stitches will often have loose threads at the start or termination of the stitch pattern, also known as the back stitches. If part of the thread on the back stitch has come loose, this is not cause for rejection. Trim any loose back stitch threads to keep the stitch from unraveling.
4. Cleaning

The MURA may be cleaned using the following methods:

- The fabric and webbing may be wiped or sponged using soap solution or household detergent to remove light soil.
- The quick release may be cleaned by washing with a stream of water.
- Sand, dust, and other debris may be removed from the webbing, fabric, and quick release using compressed air or soft brushes.

⚠️ CAUTION

Wear eye protection while using compressed air to remove debris.
5. Assembly (Platform)

5.1. Attach MOLLE platform to side of vest as shown which is going to have the handle attached. Snaps should be to the top.

The platform is used to stabilize the handle when flotation collar is also attached.

The platform is not needed if using the MURA without a flotation collar.

The platform can be attached to either side of the vest depending on handle placement.
6. Assembly (Release Assembly)

6.1. Insert the quick release into the opening on the drag handle. Install the removable link and two (2) grooved pins as shown. Press the pin into the housing until flush with the housing.

Assembly shown with the handle on the wearers right shoulder

CAUTION

Install pins on a smooth hard surface to avoid damaging the clevis arms.

WARNING

The pins should be pressed into the quick release completely

Grooved pins are one time use only! DO NOT REUSE

6.1 Assembly of MURA to loop
6.2. Route cable down the back of the vest forming a loop. The loop should extend through the webbing on the back of the harness as shown below.
6.3. Attach Web Dominators in three suggested locations as shown. The Web Dominators can be moved to accommodate the placement of other equipment.
6.4. The bungee loop should go over the cable as shown. The cable should move freely under the bungee.

Web Dominators are recommended. Web Dominators can be substituted with a heavy duty cord (ie. 6 cord).

Ensure the cable moves freely.

6.4 Attachment of cable to Web Dominator
6.5. Pull the quick release to the end of the loop and form a wrap with the Velcro provided. This will keep the quick release in position at the end of the loop.

The wrap is optional, but recommended.
7. Assembly (Handle)

7.1. Lay the handle out on a flat surface.

7.2. Insert metal tab completely into lower pocket.
7.3 Snap the handle to the pocket

7.4 Form a loop on the upper portion of the handle

7.5 Carefully insert the loop into the upper pocket
7.6 Fold cover over to protect assembly
7.7 Attach the MOLLE handle to the outside of the platform. The flotation will be attached to the inside. (If flotation is used)
8. Operation

8.1. The MURA is designed to be a one handed release, either right or left. The MURA release handle can be placed in a variety of locations, but should always be free of any obstructions and easy to locate. The MURA release is a three stage release identified below.

8.1 Grap Handle

Lift up to release snap

Lift up to release tab

Pull down to activate quick release
9. Parts List

9.1 Complete Assembly (Includes MURA Release, three Web Dominators, Platform, and Velcro wrap.)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>UI</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.1</td>
<td>Complete Assembly</td>
<td>EA</td>
<td>AMTC-K1252-**</td>
</tr>
<tr>
<td></td>
<td>Includes: MURA Release, 3 ea. Web Dominators, Platform and Velcro wrap</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.2</td>
<td>Web Dominator</td>
<td>EA</td>
<td>PHW-078</td>
</tr>
<tr>
<td>9.3</td>
<td>Platform</td>
<td>EA</td>
<td>AMTC-P1428-**</td>
</tr>
<tr>
<td>9.4</td>
<td>Grooved Pin (Qty 2 required)</td>
<td>EA</td>
<td>CC-4016-07</td>
</tr>
<tr>
<td>9.4</td>
<td>Quick Release Removable Link</td>
<td>EA</td>
<td>1142-074-01</td>
</tr>
</tbody>
</table>

Note:  
* Tan = TA  
Foliage Green = FG  
** Universal Camo = UC  
Multi Cam = OCP
Additional Photos
Additional Photos
Additional Photos