

MK-1 Life Preserver TIP 022

Crotch Strap Changes to MK-1 Maintenance Requirement Cards

Changes to include crotch straps on the MK-1 Maintenance Requirement Cards have been submitted. In the interim, below are changes that can be used for marking up existing cards:

MRC 9PDA

1) Insert following steps after step 1.f

Note: Step 1.g is applicable for life preservers with crotch straps. If crotch straps are not installed, proceed to step 1.h.

Note: A crotch strap consists of a short and a long strap piece that connect together with a slide release buckle. The short strap piece has a loop with a snap at one end and a female buckle at the opposite end. The long strap piece has a male buckle at one end and a loop at the opposite end.

g. Inspect crotch straps:

(1) Verify the two short strap pieces are installed on each side of waist belt buckle of the life preserver waist belt using the end with a snap. Ensure the snap is secured.

(2) Verify the two long strap pieces are installed on each side of the life preserver (Stearns/Mustang) or on each side of the waist belt buckle (Eastern) using the loop end.

(3) Inspect webbing and stitching for frayed edges, cuts, tears and deterioration.

(4) Inspect buckles for operability and damage, crack and corrosion.

2) Revise step 1.r as follows:

"r. Don life preserver. Ensure the life preserver is zipped up with the waist belt buckled and tightened, the chest strap secured, the side snaps secured (if applicable), and the crotch straps are secured (if available). The waist belt shall be tightened until a comfortable snug fit is obtained. If a snug fit cannot be obtained, use a smaller size."

3) Renumber steps and notes as applicable

4) Revise Figures to show crotch straps

MRC 9PCZ

1) Insert following steps after step 1.a

Note: Step 1.g is applicable for life preservers with crotch straps. If crotch straps are not installed, proceed to step 1.h.

Note: A crotch strap consists of a short and a long strap piece that connect together with a slide release buckle. The short strap piece has a loop with a snap at one end and a female buckle at the opposite end. The long strap piece has a male buckle at one end and a loop at the opposite end.

g. Inspect crotch straps:

(1) Verify the two short strap pieces are installed on each side of waist belt buckle of the life preserver waist belt using the end with a snap. Ensure the snap is secured.

(2) Verify the two long strap pieces are installed on each side of the life preserver (Stearns/Mustang) or on each side of the waist belt buckle (Eastern) using the loop end.

(3) Inspect webbing and stitching for frayed edges, cuts, tears and deterioration.

(4) Inspect snaps and buckles for operability and damage, and corrosion

(5) Ensure slide buckles are secured

(6) Verify belt keepers are in place and straps are secured.

2) Renumber steps and notes as applicable

3) Revise Figures to show crotch straps

MRC 8WYJ

1) Insert following step after 1.a

Verify crotch straps are attached to each side of the life preserver waist belt. (If applicable)

MRC 9PDC

1) Insert following steps after 1.m

Note: Step 1.g is applicable for life preservers with crotch straps. If crotch straps are not installed, proceed to step 1.h.

Note: A crotch strap consists of a short and a long strap piece that connect together with a slide release buckle. The short strap piece has a loop with a snap at one end and a female buckle at the opposite end. The long strap piece has a male buckle at one end and a loop at the opposite end.

g. Inspect crotch straps:

(1) Verify the two short strap pieces are installed on each side of waist belt buckle of the life preserver waist belt using the end with a snap. Ensure the snap is secured.

(2) Verify the two long strap pieces are installed on each side of the life preserver (Stearns/Mustang) or on each side of the waist belt buckle (Eastern) using the loop end.

(3) Inspect webbing and stitching for frayed edges, cuts, tears and deterioration.

(4) Inspect snaps and buckles for operability and damage, and corrosion

(5) Ensure slide buckles are secured

(6) Verify belt keepers are in place and straps are secured.

MRC 1QB3

1) Insert following steps after step 1.c

Note: Step 1.d is applicable for life preservers with crotch straps. If crotch straps are not installed, proceed to step 1.e.

Note: A crotch strap consists of a short and a long strap piece that connect together with a slide release buckle. The short strap piece has a loop with a snap at one end and a female buckle at the opposite end. The long strap piece has a male buckle at one end and a loop at the opposite end.

d. Inspect crotch straps:

(1) Verify the two short strap pieces are installed on each side of waist belt buckle of the life preserver waist belt using the end with a snap. Ensure the snap is secured.

(2) Verify the two long strap pieces are installed on each side of the life preserver (Stearns/Mustang) or on each side of the waist belt buckle (Eastern) using the loop end.

(3) Inspect webbing and stitching for frayed edges, cuts, tears and deterioration.

(4) Inspect buckles for operability and damage, crack and corrosion.

2) Revise step 1.s as follows:

"r. Don life preserver. Ensure the life preserver is zipped up with the waist belt buckled and tightened, the chest strap secured, the side snaps secured (if applicable), and the crotch straps are secured (if available). The waist belt shall be tightened until a comfortable snug fit is obtained. If a snug fit cannot be obtained, use a smaller size."

3) Renumber steps and notes as applicable

4) Revise Figures to show crotch straps

MRC 1QB2

1) Insert following steps after step 1.a

Note: Step 1.g is applicable for life preservers with crotch straps. If crotch straps are not installed, proceed to step 1.h.

Note: A crotch strap consists of a short and a long strap piece that connect together with a slide release buckle. The short strap piece has a loop with a snap at one end and a female buckle at the opposite end. The long strap piece has a male buckle at one end and a loop at the opposite end.

g. Inspect crotch straps:

(1) Verify the two short strap pieces are installed on each side of waist belt buckle of the life preserver waist belt using the end with a snap. Ensure the snap is secured.

(2) Verify the two long strap pieces are installed on each side of the life preserver (Stearns/Mustang) or on each side of the waist belt buckle (Eastern) using the loop end.

(3) Inspect webbing and stitching for frayed edges, cuts, tears and deterioration.

(4) Inspect snaps and buckles for operability and damage, and corrosion

(5) Ensure slide buckles are secured

(6) Verify belt keepers are in place and straps are secured.

- 2) Renumber steps and notes as applicable
 - 3) Revise Figures to show crotch straps
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MRC 1QB9

- 1) Insert following step after 1.a

Verify crotch straps are attached to each side of the life preserver waist belt. (If applicable)

MRC 1QC0

- 1) Insert following steps after 1.m

Note: Step 1.g is applicable for life preservers with crotch straps. If crotch straps are not installed, proceed to step 1.h.

Note: A crotch strap consists of a short and a long strap piece that connect together with a slide release buckle. The short strap piece has a loop with a snap at one end and a female buckle at the opposite end. The long strap piece has a male buckle at one end and a loop at the opposite end.

g. Inspect crotch straps:

- (1) Verify the two short strap pieces are installed on each side of waist belt buckle of the life preserver waist belt using the end with a snap. Ensure the snap is secured.

- (2) Verify the two long strap pieces are installed on each side of the life preserver (Stearns/Mustang) or on each side of the waist belt buckle (Eastern) using the loop end.

- (3) Inspect webbing and stitching for frayed edges, cuts, tears and deterioration.

- (4) Inspect snaps and buckles for operability and damage, and corrosion

- (5) Ensure slide buckles are secured

- (6) Verify belt keepers are in place and straps are secured.