



Nomenclature Component/Part Numbers

TMO-36C "TC₃" Charlie Pak NSN 6215-01-625-9687

<u>P/N</u>	<u>Description</u>	<u>P/N</u>	<u>Description</u>
100	ComposiTrac® Bar	900	Operator Framesheet LE
200	ComposiTrac® Storage Sleeve	1000	Kinetic Closure Straps LE
300	ComposiTrac® Extremity Hitch	1100	Operator Framesheet UE
400	Formable Off-Axis Adaptor	1200	Kinetic Closure Straps UE
500	Monostay Collapsible Tube LE	1300	Pelvic Stabilization Framesheet
600	Monostay Extension Tube	1400	Pelvic Bilateral Tensor Strap
700	Monostay Collapsible Tube UE	1500	Field Application Guide
800	Monostay Storage Band UE	1800	Charlie Pak Molle Case

TRAINING

Tac Med Operator® PowerPoint® training media is web based:
www.TACMEDOPERATOR.com
 Password: socompassword1

Tac Med Operator®
XTRAC™ PAKS
www.SPLINT.com

(520) 730-6068

lots@splint.com

Field Application Guide

TAC MED OPERATOR®

... capabilities up for the task ...



101ST Airborne Afghanistan

TACTICAL FIELD CARE

TACTICAL COMBAT CASUALTY CARE



Rapid Orthopedic Containment™

- * Expose Extremity - Observe "DCAP-BTLS"
- * Control External Hemorrhage - Cover Wounds
- * Assess Extremity - Distal "CMS"
- * Apply Tac Med Operator® Splint - Secure
- * Reassess - Distal "CMS"

Lower Extremity Rigid Long-Axis Application

Step 1 Prepare Splint

Unfold LE Framesheet.
 Lay framesheet out flat.
 Assemble monostay sections.
 Insert monostay "open end"
 into long-axis pocket.



Step 2 Position Splint

Position framesheet under injured
 extremity as proximal as possible
 for application around limb root.
 Center framesheet midline for
 application.



Step 3 Secure Splint

Tuck anterior edges as needed.
 Grasp splint to prevent rotational
 strap forces.
 Apply kinetic closure straps from
 proximal to distal. Tense elastic in
 strap prior to hook tip engagement
 for custom fitting dynamic closure.



Inventory Type & Crosscheck

QTY

Alpha Pak



- 1 Operator Framesheet LE
- 6 Kinetic Closure Straps LE
- 1 Monostay Collapsible Tube LE
- 1 Monostay Extension Tube
- 1 ComposiTrac® Storage Sleeve
- 1 ComposiTrac® Bar
- 1 Formable Off-Axis Adaptor
- 1 ComposiTrac® Extremity Hitch
- 1 Alpha Pak Molle Case
- 1 Field Application Guide

Capabilities

Long-Axis, Traction, Off-Axis

Asterisk * Underline Denote Additional
 Pak Components/Capabilities

QTY

Bravo Pak



- 1 Operator Framesheet LE
- 6 Kinetic Closure Straps LE
- 1 Monostay Collapsible Tube LE
- 1 Monostay Extension Tube
- 1 ComposiTrac® Storage Sleeve
- 1 ComposiTrac® Bar
- 1 Formable Off-Axis Adaptor
- 1 ComposiTrac® Extremity Hitch
- *1 Pelvic Stabilization Framesheet
- *1 Pelvic Bilateral Tensor Strap
- 1 Bravo Pak Molle Case
- 1 Field Application Guide

Capabilities

Long-Axis, Traction, Off-Axis, *Pelvis

QTY

Charlie Pak



- 1 Operator Framesheet LE
- 6 Kinetic Closure Straps LE
- 1 Monostay Collapsible Tube LE
- *1 Operator Framesheet UE
- *6 Kinetic Closure Straps UE
- *1 Monostay Collapsible Tube UE
- *1 Monostay Storage Band UE
- 1 Monostay Extension Tube
- 1 ComposiTrac® Storage Sleeve
- 1 ComposiTrac® Bar
- 1 Formable Off-Axis Adaptor
- 1 ComposiTrac® Extremity Hitch
- 1 Pelvic Stabilization Framesheet
- 1 Pelvic Bilateral Tensor Strap
- 1 Charlie Pak MolleCase
- 1 Field Application Guide

Capabilities

*Long-Axis [x2], Traction, Off-Axis, Pelvis

QTY

Delta Pak



- *2 Operator Framesheet LE
- *12 Kinetic Closure Straps LE
- *2 Monostay Collapsible Tube LE
- 1 Operator Framesheet UE
- 6 Kinetic Closure Straps UE
- 1 Monostay Collapsible Tube UE
- 1 Monostay Storage Band UE
- *2 Monostay Extension Tube
- *2 ComposiTrac® Storage Sleeve
- *2 ComposiTrac® Bar
- *2 Formable Off-Axis Adaptor
- *2 ComposiTrac® Extremity Hitch
- 1 Pelvic Stabilization Framesheet
- 1 Pelvic Bilateral Tensor Strap
- 1 Delta Pak Molle Case
- 1 Field Application Guide

Capabilities

*Long-Axis [x3], Traction, Off-Axis, Pelvis
 *Bilateral Traction, *Multi-Casualty



Decontamination Cleaning & Disinfection



Step 1 Gross Decon

Don PPE (personal protective equipment).
 Hose off all foreign matter.

Step 2 Pre-clean

Pre-clean grossly soiled spots with detergent and brush.

Step 3 Rinse

Rinse off all detergent and pre-cleaning solutions.

Step 4 Wash

Wash splint components with detergent and brush.

Step 5 Rinse

Rinse off all detergent cleaning solutions thoroughly with hose. Let dry. Doff PPE.

Step 6 Disinfection

Disinfect all splint surfaces and components. Let dry. Repack.

Return To Service Framesheet Repack

Lay framesheets on flat surface. Reposition and stow kinetic closure straps in position of readiness.

UE Framesheet

Fold small UE Framesheet sides in starting from base (proximal) end.
 Fold sides in making base width 8".
 Fold over at each loop section (3-4"), folding toward distal end.
 Secure with kinetic closure strap.
 Stow banded Monostay within folded framesheet.
 Stow unit in zippered side pocket.

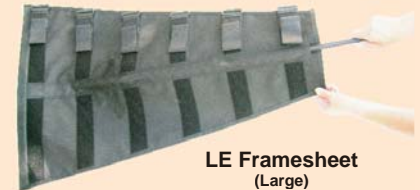
LE Framesheet

Fold large LE Framesheet in long-axis midline half.
 Fold over at each 4" loop section with straps in, folding distal (foot) to base (proximal) end.
 Place folded large framesheet inside extremity hitch and tighten orbital strap to hold framesheet.
 Stow in center pocket for first out.

Lower Extremity Integrated Traction Application

Step 1 Prepare Splint

Unfold LE Framesheet.
 Insert monostay "closed-end" into long-axis pocket.



Step 2 Apply Extremity Hitch

Position under foot/boot. Apply orbital band just proximal to ankle. Tighten traction attachment strap/buckle against foot/boot bottom seating orbital band firmly on proximal ankle.



Step 3 Position Splint

Position framesheet proximal as possible (limb root) and midline. Apply isheal "proximal" kinetic closure strap only.



Step 4 Insert Traction Bar

Place traction bar in monostay tube. Adjust traction bar (4") from foot. Use extension tube if necessary. Attach traction bar to extremity hitch webbing without twists/slack.



Step 5 Apply Traction

Assure proximal splint placement. Apply with one hand holding traction bar in place or slightly pushing in a proximal direction, as other hand pulls traction with web tail in a distal direction. Use patient comfort as a guide. Crosscheck with indicator pin.



Step 6 Secure Splint

Tuck anterior edges as needed. Grasp splint to prevent rotational strap forces. Apply kinetic closure straps from proximal to distal. Tense elastic in strap prior to hook tip engagement for custom fitting dynamic closure.





Rapid Orthopedic Containment™

- * **Expose Extremity - Observe "DCAP-BTLS"**
- * **Control External Hemorrhage - Cover Wounds**
- * **Assess Extremity - Distal "CMS"**
- * **Apply Tac Med Operator® Splint - Secure**
- * **Reassess - Distal "CMS"**

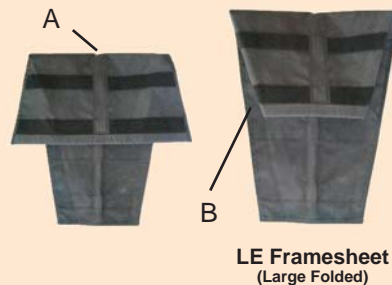
Upper Extremity Rigid Long-Axis Application

Step 1 Prepare Splint

* Lay LE Framesheet out flat. Fold monostay tube open end section over. Insert into distal long-axis pocket leaving "closed end" exposed.

Fold framesheet base over where inserted monostay ends (A). Tuck both corners under (B).

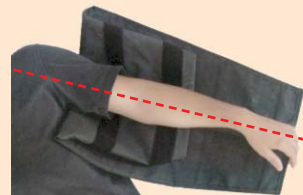
** Use small UE Framesheet found in Charlie/Delta Paks "only" inserting "open monostay end".



Step 2 Position Splint

Position framesheet proximal as possible under injured extremity for application around limb root.

Center framesheet midline for application.



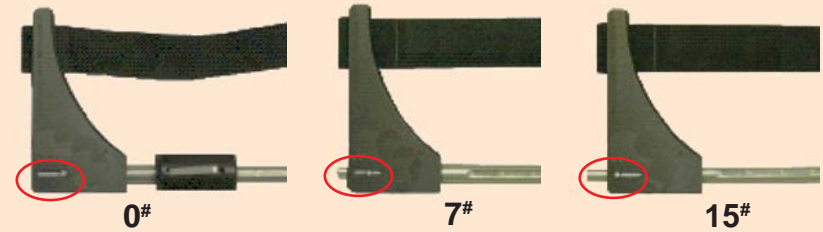
Step 3 Secure Splint

Tuck anterior edges as needed. Grasp splint to prevent rotational strap forces.

Apply kinetic closure straps from proximal to distal. Tense elastic in strap prior to hook tip engagement.



ComposiTrac® Quantified Traction Pin Gauge



"Femur"... 6 to 7 pounds or maximum of 15 pounds.
 "Humerus/Tibia/Fibula"... 2 to 3 pounds or a maximum of 5 pounds

ComposiTrac® Removal

Remove closure straps from distal ankle/wrist to proximal limb root.

Use kinetic extremity hitch webbing ends to loosen or back off mechanical traction when indicated.

Hold one extremity hitch web tail firmly in-line with injured extremity, then lift ladderlok tab slowly to release traction.



ComposiTrac®

Bilateral Integrated Traction Application "Delta Pak" Capability

Simply repeat
Integrated Traction
Application steps.



Page 3



Pelvis / Hip Pelvic Stabilization Device Application

Step 1 Prepare

Unroll/unfold PSD™ framesheet.
 Assure static compression straps are tucked in with tips accessible.
 Lay framesheet out flat (logo up).



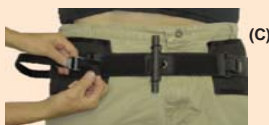
Step 2 Position

Slide framesheet under small of back.
 Grasp both ends of PSD™ framesheet and work downward (inferior) until centered over hip points (trochanters) with lateral ends equally distributed (A).



Step 3 Secure

Fold lateral framesheet tips under leaving 6-8" anterior abdo/pelvic surgical access.
 Attach bilateral tensor strap to framesheet folded tip/end, while holding opposite end, manually tense strap and attach (B).



Pull out static compression straps. Thread through ladderlocks on bilateral tensor strap. Tension static compression straps to hold hook tips in place to prevent unintended release (C).



Turn (twist) windlass tensioning bar to desired compression pressure, if hook tip begins to make crackling noise... STOP! Should only require 2 to 3 half-turns (D).

Lock windlass in place with stretch loops. Re-tighten compression straps (E).

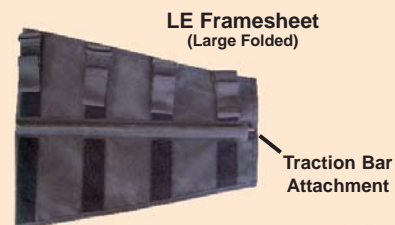


Upper Extremity Integrated Traction Application

Step 1 Prepare Splint

* Fold large LE Framesheet. Fold monostay "closed-end" over. Insert folded end into long-axis pocket with "open end" exposed.

** Use small UE Framesheet in Charlie/Delta Paks inserting "closed monostay end".



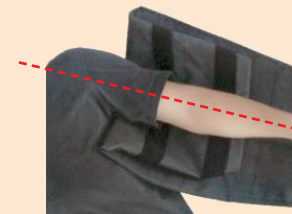
Step 2 Apply Extremity Hitch

Position under hand/wrist. Apply orbital band just proximal to wrist. Tighten traction strap to distal end of hitch. Seating orbital band firmly on proximal wrist. Center buckle.



Step 3 Position Splint

Position framesheet proximal as possible (limb root) and midline. Apply proximal "axilla" kinetic closure strap only.



Step 4 Insert Traction Bar

Place traction bar in monostay tube. Use extension tube if necessary. Attach traction bar to extremity hitch webbing without twists/slack.



Step 5 Apply Traction

Assure proximal splint placement. Apply with one hand holding traction bar in place or slightly pushing in a proximal direction, as other hand pulls traction with web tail in distal direction. Use patient comfort as a guide. Crosscheck with indicator pin.



2-3 Pounds / Maximum 5 Pounds

Step 6 Secure Splint

Tuck anterior edges as needed. Grasp splint to prevent rotational strap forces. Apply kinetic closure straps from proximal to distal. Tense elastic in strap prior to hook tip engagement.





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- * **Reassess - Distal “CMS”**

**Upper Extremity
Formable Off-Axis Application**

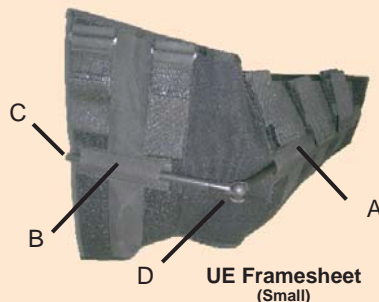
“Charlie & Delta Pak Capability”

Step 1 Prepare Splint

Unfold UE Framesheet found only in Charlie and Delta Paks. Lay out flat. Assemble monostay tube.

Insert monostay “open end” into distal sleeve (A). Slide through proximal sleeve (B) leaving open end slightly exposed (C).

Separate monostay at joint between sleeves and install off-axis adaptor (D). Approximate presenting limb angle.



Step 2 Position Splint

Position pre-formed framesheet under injured extremity for support.

Adjust monostay as necessary positioning adaptor at joint.



Step 3 Secure Splint

Tuck anterior edges as needed. Grasp splint to prevent rotational strap forces.

Apply kinetic closure straps from proximal to distal. Tense elastic in strap prior to hook tip engagement. Secure off-axis adaptor in place (E).



**Lower Extremity
Formable Off-Axis Application**

Step 1 Prepare Splint

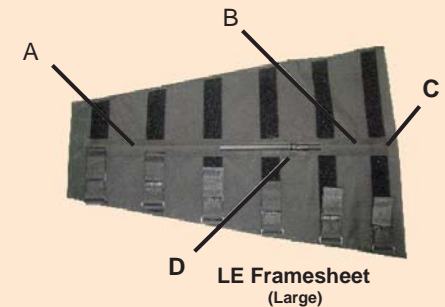
Unfold LE Framesheet. Lay out flat.

Assemble monostay tube.

Insert “open monostay end” into distal top open ended sleeve (A). Side through top proximal sleeve (B) leaving monostay proximal open end slightly exposed (C).

Separate monostay at joint showing between sleeves A and B. Install off-axis adaptor (D).

Approximate presenting limb angle for application.



Step 2 Position Splint

Position pre-formed framesheet under injured extremity for support.

Adjust monostay as necessary positioning adaptor at joint.



Step 3 Secure Splint

Tuck anterior edges as needed. Grasp splint to prevent rotational strap forces.

Apply kinetic closure straps from proximal to distal. Tense elastic in strap prior to hook tip engagement.

Provide posterior splint support to injured extremity joint/angle area using casualty pack/equipment as necessary to stabilize and prevent external rotation at hip.

