



AVS™ 1000 PACK

OPERATOR'S MANUAL

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INTRODUCTION

The AVS™ 1000 Pack is a small, lightweight assault pack designed to provide the user with a variety of access and attachment options. The AVS™ **SELF-ACCESS** configuration allows users to secure the pack to the AVS™ without bulky shoulder pads while still allowing the user to easily access the pack. The **FIXED** configuration replaces the rear plate bag of the AVS™ or JPC™ with the AVS™ 1000 Pack. The **FIXED** configuration also accommodates all sizes of ESAPI or swimmer-cut plates. Additional attachment options include broad-based carriage capabilities like **MOLLE-ATTACH** and **SHOULDER PAD** configurations, which are ideal for carrying radios, medical equipment, or everyday use. Made in the US from US materials.

FEATURES

- Five unique carry configurations:
 - AVS™ Self-Access
 - Fixed (Plate Bag)
 - AVS™ (when combined with AVS™ components)
 - JPC™ (when combined with JPC™ components)
 - AVS™ Semi-Fixed
 - Shoulder Pad
 - MOLLE-Attach
- Removable frame sheet
- 3 row by 3 column external MOLLE panel
- Bottle holder designed for .75 L bottle and smaller
- Hydration bladder sleeve
- Two ports for tube and cable routing
- Three medium-sized pockets with exterior access
- One inward-expanding medium-sized pocket
- Can hold ballistic plate (up to XL) with use of frame sheet
- Adjustable and removable sternum strap
- Externally sewn compressions straps
- Main zipper pulls are designed to hitch together to secure around UHF antenna
- Stow bars for attaching 1, 2, or 3 band cummerbunds

CONFIGURATION OVERVIEW



AVS™ SELF-ACCESS (PG 7)



AVS™ SEMI-FIXED (PG 11)



FIXED (PLATE BAG) (PG 13)



MOLLE-ATTACH (PG 17)



SHOULDER PAD (PG 19)

COMPONENT DESCRIPTIONS



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COMPONENT DESCRIPTIONS

- ① AVS™ PACK
- ② BACK PAD
- ③ FRAME SHEET
- ④ SELF-ACCESS SHOULDER STRAP (x2)
- ⑤ SELF-ACCESS SHOULDER STRAP ANCHOR (x2)
- ⑥ RIGHT HINGE
- ⑦ LEFT HINGE
- ⑧ SEMI-FIXED HARDWARE (x2)
- ⑨ SHOULDER PADS
- ⑩ FRONT ADJUSTMENT STRAP
- ⑪ ADJUSTMENT STRAP (x3)
- ⑫ STERNUM STRAP, FEMALE

MISSION SPECIFIC CONFIGURATIONS

AVS™ SELF-ACCESS CONFIGURATION

Complete **SHOULDER COMPONENT (PG 23)**, **FRONT ADJUSTMENT STRAP (PG 26)**, and **ADJUSTMENT STRAP (PG 27)** installations for this section.

The AVS™ SELF-ACCESS configuration is for AVS™ users who are looking for a low-profile option for carrying their pack. Without excessive layers and added bulk of shoulder pads, this configuration is well-suited for maintaining the ability to quickly don and doff (partially or fully) without teammate assistance.

REQUIRED COMPONENTS

- SELF-ACCESS SHOULDER STRAPS
- SELF-ACCESS SHOULDER STRAP ANCHORS
- LEFT & RIGHT HINGES
- FRONT ADJUSTMENT STRAP
- ADJUSTMENT STRAP (x2)





Remove the shoulder strap covers from the AVS™ and disconnect the components.



Pass the AVS™ strap through the HINGE and adjust the location of the pivot point. The webbing should be higher inboard and lower outboard.



Ensure the HINGE is positioned correctly on the reverse side of the strap.



Locate the **SELF-ACCESS SHOULDER STRAP ANCHOR**. Pass the snap end through the PALS stow on front of the AVSTM™ then pass the strap behind the vertical webbing and snap it back onto itself.



Pull the adjustment end of the anchor down through the PALS webbing.



Connect the shoulder straps and adjust to preferred height.



To deploy, disconnect the **FRONT ADJUSTMENT STRAP** and the **SELF-ACCESS SHOULDER STRAP ANCHOR** on the same side. This will release the pack, allowing it to swing around to the front.



To redeploy, swing the pack around or the pass the buckle around your neck. Ensure the buckle is passed through the **HINGE** webbing.

AVS™ SEMI-FIXED CONFIGURATION

Complete **SHOULDER COMPONENT (PG 23)**, **FRONT ADJUSTMENT STRAP (PG 26)**, **ADJUSTMENT STRAP (PG 27)** installations before beginning this section.

The AVS™ SEMI-FIXED configuration is for AVS™ users who are looking for a low-profile option for carrying heavier items in their pack that don't require personal access. Quickly clipped on, this configuration adds no additional straps to the shoulder area, but still allows the ability to quickly add and remove the pack.

REQUIRED COMPONENTS

- SEMI-FIXED HARDWARE
- FRONT ADJUSTMENT STRAP
- ADJUSTMENT STRAP (x2)





1
Locate the webbing loop on the back of the AVS™. Install the female SEMI-FIXED HARDWARE by rotating the split bar onto the loop.



2
Attach the pack via the installed SEMI-FIXED HARDWARE at the top of the pack.



3
Connect the ADJUSTMENT STRAPS to the FRONT ADJUSTMENT STRAP.



4
Cinch the pack by pulling forward on the FRONT ADJUSTMENT STRAP.

FIXED (PLATE BAG) CONFIGURATION

Complete **FRONT ADJUSTMENT STRAP (PG 24)** and **ADJUSTMENT STRAP (PG 25)** installations before beginning this section.

The **FIXED** configuration replaces the rear plate bag of either the AVS™ or JPC™ with the AVS™ 1000 Pack. The **FIXED** configuration accommodates all ESAPI and swimmer-cut plate sizes. Utilizing the pack as a rear plate bag reduces excess material by removing the need for a separate rear plate bag.

REQUIRED COMPONENTS

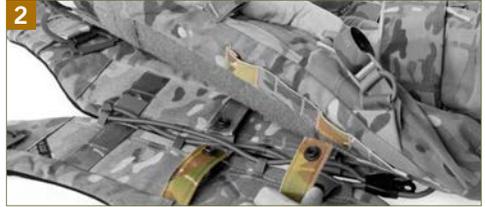
- **FRAME SHEET**
- **FRONT ADJUSTMENT STRAP**
- **ADJUSTMENT STRAP (x2)**
- **BACK PAD (OPTIONAL FOR JPC™)**



AVS™ FIXED CONFIGURATION



1 Remove the rear plate bag from the AVS™ Harness.



2 Pass the AVS™ tabs through the respective slots located on the back of the pack.



3 Snap the AVS™ tabs closed and repeat on the opposite side.



4 Extend the pack shoulder straps and secure on the AVS™ Harness shoulder straps.



5 Secure the AVS™ front straps to the pack shoulder strap loop.



6 Completed AVS™ FIXED set-up.

JPC™ FIXED CONFIGURATION



1 Remove the rear portion of the JPC™. Push the shoulder strap covers below the shoulder strap loop.



2 Extend the pack shoulder straps and secure to the shoulder straps of the JPC™ front.



3 Reinstall the JPC™ shoulder strap covers.



4 On the reverse side of the pack, pass the 3-band cummerbund webbing ends through the stows.



Install the bungee cord and secure it with an overhand knot.



Drop the plate into the hydration sleeve and secure the adjustable plate strap. Adjust the plate to desired height.



Secure the foam pad on the corresponding loop channels.



Completed JPC™ FIXED set-up.

MOLLE-ATTACH CONFIGURATION

Complete **FRONT ADJUSTMENT STRAP (PG 24)** and **ADJUSTMENT STRAP (PG 25)** installations before beginning this section.

The **MOLLE-ATTACH** configuration allows the user to secure the pack to any PALS platform with a 4-stow by 6-row area available. For additional stability, the user can utilize **FRONT ADJUSTMENT STRAPS** and/or **ADJUSTMENT STRAPS** to interface with most hook-and-loop-style front flaps.

OPTIONAL COMPONENTS

- **FRONT ADJUSTMENT STRAP**
- **ADJUSTMENT STRAP (x2)**





1 Pass the shoulder strap through the back webbing stow #2 on the back of the pack.



2 Pass the tab through the top row of PALS on the platform.



3 Then, pass the tab through the bottom webbing stow on the pack.



4 Route the shoulder strap through the second row of PALS on the platform. Pull tight and secure the strap to the loop channel.



5 Unsnap the bottom MOLLE attaching tabs and pass the end through row #6 on the platform. Secure each snap.



6 Completed **MOLLE-ATTACH** set-up.

SHOULDER PAD CONFIGURATION

Complete **SHOULDER COMPONENT (PG 23)** and **ADJUSTMENT STRAP (PG 27)** installations before beginning this section.

Geared toward everyday use, the **SHOULDER PAD** configuration works well as a communications pack. Radio equipment—such as a PRC117G radio—fit securely via internal radio straps.

REQUIRED COMPONENTS

- **SHOULDER PADS**
- **STERNUM STRAP, FEMALE** (OPTIONAL AS STERNUM STRAP)
- **ADJUSTMENT STRAP (x1)** (OPTIONAL AS STERNUM STRAP)
- **ADJUSTMENT STRAP (x2)**
- **BACK PAD** (OPTIONAL IF WORN OVER ARMOR)
- **FRAME SHEET** (OPTIONAL FOR RADIO USE)





Find the **STERNUM STRAP, FEMALE** and move the tri-glide all the way to the bar tack. Locate the remaining **ADJUSTMENT STRAP** and replicate the tri-glide position of the sternum strap.



Place the **STERNUM STRAP** behind the **SHOULDER PAD** as shown. Pass the running end around and through the stow bar on the front of the **SHOULDER PAD**.



Now pass the running end through the tri-glide and double it back to lock it in place. Repeat for the other strap.



Completed **SHOULDER PAD** set-up.

COMMON INSTALLATIONS

SHOULDER COMPONENT INSTALLATION

Used with AVS™ SELF-ACCESS, AVS™ SEMI-FIXED, and SHOULDER PAD configurations.



Locate the hook side of the shoulder tab.



Pass the folded Velcro® tab through the **SHOULDER STRAP** D-ring.
*Ensure the components are oriented as shown in FIGURES A-C.



Pass the tab through back weaving bars and secure the Velcro® to the loop channel for desired length. *You may pass the tab through webbing bars at different points to adjust pack height.



The length of straps can be adjusted by securing the hook tab higher or lower on the loop channel.



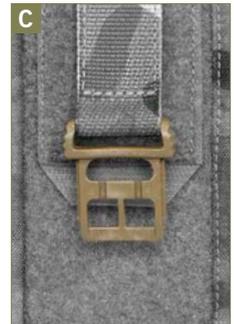
A
SHOULDER PADS installed for **SHOULDER PAD** configuration.



B
SEMI-FIXED HARDWARE installed for **AVS™ SEMI-FIXED** configuration.



C
SHOULDER STRAPS installed for **AVS™ SELF-ACCESS** configuration.



Close-up of **FIGURES A** and **C**. Ensure relevant components are oriented as above for respective configurations.

FRAME SHEET REMOVAL

Used with **FIXED (PLATE BAG)** configurations, optional for all other configurations.



Invert the zipper and crown on the pack to expose the frame sheet sleeve.



Locate the three buttonholes on the sleeve. The pack can be inverted in order to easily access the buttonholes.



Remove the **FRAME SHEET** from the pack.



Replace the crown and zipper to conceal the frame sheet sleeve.

FRONT ADJUSTMENT STRAP INSTALLATION

Used with AVS™ SELF-ACCESS configuration, optional for AVS™ SEMI-FIXED and MOLLE-ATTACH configurations.

1



Secure the **FRONT ADJUSTMENT STRAP** horizontally across the plate carrier.

ADJUSTMENT STRAP INSTALLATION

Used with AVS™ SELF-ACCESS, AVS™ SEMI-FIXED, MOLLE-ATTACH, and SHOULDER PAD configurations.



Ensure the tri-glide on the **ADJUSTMENT STRAP** is approximately 5" from the end of the strap.



Pass the webbing end through the strap anchor D-ring from bottom to top and pass it through the tri-glide.



Route the webbing back over the tri-glide and pass under the last bar to lock it into position.

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CONTACT INFO

Crye Precision LLC
Brooklyn Navy Yard
63 Flushing Ave Unit 252
Brooklyn, NY 11205

Phone: 1.718.246.3838
Fax: 1.718.246.3833
sales@cryeprecision.com
www.cryeprecision.com

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