

USAAAS APPROVED USE LIST & JUMPMASTER GUIDE

UPDATED: 22 June 2022

The Approved Use List (AUL) is considered an appendix to the most current version of the CAASOP, signed by the XVIII Airborne Corps Commander, the Army Airborne Board Chairman. Airborne personnel must adhere to the limitations of this workbook when considering the type and manufacturer of the equipment they are utilizing during an airborne operation.

Rigging procedures and/or instructions for the use of these items of equipment are present in either the current version of TC 3-21.220, CAASOP, Master Jumpmaster Updates dated after the most current version of the CAASOP, the Airborne Raider App, or publications available on USAAAS websites.

National Stock Numbers (NSN's) and/or product numbers (PN's) are available for some items listed; however, the USAAAS cannot ensure NSN's/PN's have not changed and are up to date.

Official USAAAS Internet Links

USAAAS DEPS Portal Page: <https://army.deps.mil/army/cmds/82ABD/HHBN/USAAAS/SitePages/Home.aspx>

Bragg.mil Page: <https://www.bragg.army.mil/index.php/units-tenants/advanced-airborne-school>

AKO Page: <https://www.us.army.mil/suite/page/689074>

USAAAS Approved Use List & Jumpmaster Guide

Contents

CHINSTRAP ASSEMBLIES	3
Modified Chinstrap Assemblies	3
Improved Chinstrap Assemblies	3
.....	4
SUSPENSION PADS	4
NVG BRACKETS AND SHROUDS FOR THE ACH AND FAST HC HELMETS	6
PVS-14 NVG	6
PSQ20-A	7
PSQ20-B	8
RAIL SYSTEMS AND HELMET ACCESSORIES	9
APPROVED HELMETS	10
Standard Issue Helmets	10
Non-Standard Issue Helmets	11
Ops Core FAST Helmets	11
H-Nape with Lux Liner	11
Crye Precision Airframe	12
MOLLE PACKS	12
ALICE PACK	13
MEDICAL AID BAGS	14
LONDON BRIDGE JUMPABLE PACKS	14
CAMELBAK JUMPABLE PACKS	15
Additional Jumpable Packs	16
LOAD BEARING VESTS AND BODY ARMOR	16
COMMUNICATION HEADSETS	18
MODULAR AIRBORNE WEAPONS CASE	19
Rules for use:	19
Proper rigging and fitting to the Jumper:	20
Authorized three item loads.	21
Guidance and rigging procedures for Special Items of Equipment.	22

USAAAS Approved Use List & Jumpmaster Guide

CHINSTRAP ASSEMBLIES

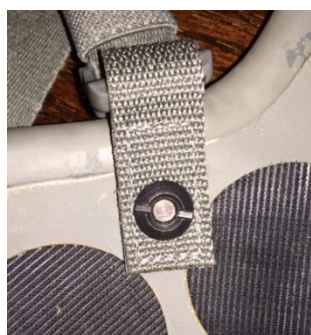
Modified Chinstrap Assemblies

1. Gentex
2. Mine Safety Appliances (MSA)
3. BAE SDS
4. Rabinex

Mine Safety Appliances



BAE Systems Specialty Defense



Gentex



Rabintex



Improved Chinstrap Assemblies

TYPE	SIZE	NSN
HeadLoc OCC Dial with Impact Pads	Medium Large	
HeadLoc H-Nape (Generation 1)		
HeadLoc H-Nape Improved	Small/Medium Large/X-Large	8470-01-599-3851 8470-01-599-3851
HeadLoc X-Nape	Small/Medium Large/X-Large	
Gentex X-Harness >then year 2011		
Gentex Universal H-Harness		
Gentex Universal X-Harness	Small/Medium Large/X-Large	8470-01-541-9214 8470-01-541-9217

USAAAS Approved Use List & Jumpmaster Guide



Headloc H-Nape

Headloc H-Nape Gen 1



Gentex H-Nape & X-

SUSPENSION PADS

ACH/ECH Suspension Pads

1. Mine Safety Appliances (MSA)
2. Gentex
3. National Institute for the Blind (NIB)
4. Revision

All four manufacturers of the suspension pads are standard issue at CIF, and all suspension pads issued by CIF are authorized for use. New helmets from Gentex and MSA will typically have their own suspension pads in the helmet when issued. Other manufacturers of the ACH i.e. Revision, SDS, will typically have NIB or MSA suspension pads issued with the helmet.

USAAAS Approved Use List & Jumpmaster Guide



All authorized suspension pads will have traceability information on the back of the pad. This is the only way to ensure the suspension pads jumpers are utilizing has been purchased through official Army supply systems and meet the required specifications to be used by jumpers.

IHPS Suspension Pads

1. 8 Suspension Pads
 - a. 1 Crown Pad, 4 Oval Pads, 3 Trapezoid Pads



The only authorized suspension pads are the ones that come from the manufacture.

- i. 3M Ceradyne Suspension Pads
 1. 1 Black Trapezoid Pad (labeled front)
 2. 2 Trapezoid Pads (labeled Rear)
 3. 2 Oval Pads (labeled Side) must be sideways in helmet
 - ii. Advanced Combat Helmet Suspension Pads
 1. 1 Crown Pad
 2. 2 Oval Pads



USAAAS Approved Use List & Jumpmaster Guide

NVG BRACKETS AND SHROUDS FOR THE ACH AND FAST HC HELMETS

WARNING

Ensure the shroud or bracket you are using has ballistic mounting hardware that is considered flush (will not damage the suspension pad or potentially injure the jumper) on the inside of the helmet shell. Ensure the shroud or bracket you are purchasing has a one-hole option (this is mandatory for the ACH and ECH).

PVS-14 NVG

1. Manufacturer: Norotos
 - a. Type: One-Hole Shroud
 - b. Product Name: Universal Shroud and Universal Shroud ballistic
 - c. NSN: 5855-01-569-7751 only for the Universal Shroud (tan)
 - d. Product Numbers:
 1. Universal Shroud
 - a. 1817010TAN (tan)
 - b. 1817010-2BLK (black)
 2. Universal Shroud ballistic:
 - a. 1854010-2CB (brown)
 - b. 1854010-2GC (gray)
 - c. 1854010-2BLK (black)

WARNING

The Universal Shroud is NOT authorized on the IHPS.



2. Manufacturer: Norotos
 - a. Type: One-Hole Shroud
 - b. Product name: Universal Shroud-Light
 - c. NSN: not available
 - d. Part Number:
 1. 1918010BLK-2 (black)
 2. 1918010CB-2 (brown)
 3. 1918010-IR (Infrared)



3. Manufacturer: Wilcox
 - a. Type: One-Hole Shroud
 - b. Product name: L4 Series Hybrid Shroud
 - c. NSN: not available
 - d. Part Number:
 1. 56100G38-TA (tan and without lanyard)
 2. 56100G38-B (black and without lanyard)



USAAAS Approved Use List & Jumpmaster Guide

3. 56100G39-TA (tan and with lanyard)
4. 56100G39-B (black and with lanyard)

4. Manufacturer: Wilcox
 - a. Type: One-Hole Shroud
 - b. Product name: L4 Series One Hole Army Compatible Ratchet Strap for MICH/ACH
 - c. NSN: not available
 - d. Part Number:
 1. 56100G02-B (black)
 2. 56100G02-T (tan)

5. Standard issued PVS-14 ACH Bracket.

Black in

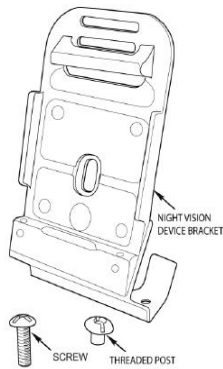


Figure 18. Old ACH NVD Bracket Assembly.

Authorized

Tan in

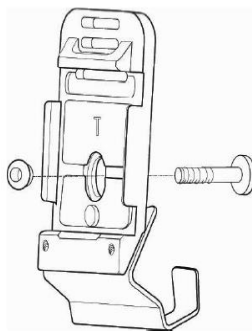


Figure 20. New ACH NVD Bracket Assembly with Slotted Flathead Screw and Locking Nut.

Authorized

Tan in

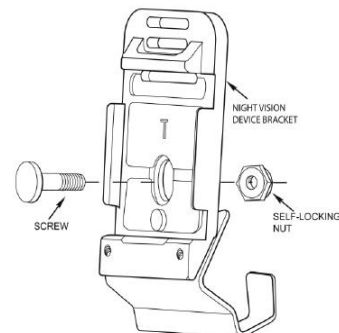


Figure 19. New ACH NVD Bracket Assembly with Flathead Screw and Self-Locking Nut.

Not Authorized

6. Enhanced Night Vision Goggle mounts and head harnesses

PSQ20-A

1. Manufacturer: Norotos
 - a. Type: One-Hole Shroud wiring harness (PSQ20 Night Vision Device)
 - b. Product name: SENVG Shroud ballistic
 - c. NSN: not available
 - d. Part Number:
 1. 1973010GC (grey)
 2. 1973010CB (brown)



USAAAS Approved Use List & Jumpmaster Guide

PSQ20-B

1. Manufacturer: L3 Sights - Basic Issue Item for the PSQ20B
 - a. Type: One-Hole wired bracket assembly with ratchet strap
 - b. Product name: not available
 - c. NSN: 5995-01-554-9735

Note: Reference CAASOP Ed. III Ch. 12-2d(3)
for proper rigging procedures.



IHPS

1. The authorized NVG mounts are:
 - a. Manufacture one
 - b. PSQ20-B

USAAAS Approved Use List & Jumpmaster Guide

RAIL SYSTEMS AND HELMET ACCESSORIES

Ops Core

1. Mission Configurable Helmet Cover



2. Ops Core ARC rail system in conjunction with or without the standard issue helmet covers



3. Firefly IR Strobe & HEL-STAR strobe lights.



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APPROVED HELMETS

Standard Issue Helmets



Advanced Combat Helmet (ACH)



Enhanced Combat Helmet (ECH)



Integrated Head Protection System (IHPS)

USAAAS Approved Use List & Jumpmaster Guide

Non-Standard Issue Helmets

WARNING

The Brigade Commander is the approval authority for the use of non-standard issue helmets

Ops Core FAST Helmets

OCC Dial with Impact Pad System



The FAST HC helmet must have the one-hole option for NVD mounts and shrouds



H-Nape with Lux Liner



Expanded poly
Impact pad



WARNING

The LUX liner is only authorized with the ballistic versions of Ops Core Helmets. The expanded polypropylene impact pads will be present when using the LUX liner or Impact Pad System.

OPS CORE'S BUMP, CARBON, and LIGHTWEIGHT BALLISTIC HELMETS ARE ALSO AUTHORIZED FOR WEAR DURING SL AND MFF OPERATIONS.

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Crye Precision Airframe



MOLLE PACKS



Generation III MOLLE



MOLLE Assault Pack

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MOLLE 4000 (4K)



Medium MOLLE

ALICE PACK



ALICE Pack

The authorized ALICE pack frame is riveted not welded together.



ALICE Frame

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MEDICAL AID BAGS



M9 Medical Aid Bag



Eberlestock
Warhammer



Mystery Ranch RATS

LONDON BRIDGE JUMPABLE PACKS



Warfighter – P/N LBT-0101JJ



3 and 5 Day – P/N LBT-0101MM

USAAAS Approved Use List & Jumpmaster Guide

CAMELBAK JUMPABLE PACKS



Big Jump Pack



Talon G and J

Big Jump Pack is no longer available on the Camelbak website, but is still authorized for use.

MYSTERY RANCH JUMPABLE PACKS



Blackjack 50



Blackjack 80



Blackjack 100

USAAAS Approved Use List & Jumpmaster Guide



CHIEF Assault



SALT Assault

Additional Jumpable Packs

1. Parachutist Drop Bag.
 - a. NSN 1670-01-508-9053 (with 15 ft. lowering line).
2. Enhanced Parachutist Drop Bag.
3. AIRPAC side mount container.

LOAD BEARING VESTS AND BODY ARMOR

Rules for wear with the T-11/MC-6 Parachute Systems.

1. You must follow two rules when jumping LBVs/Body Armor/TAP systems exposed.
 - a. The reserve parachute will rest parallel with the jumper's torso.
 - b. The items of equipment on the side of the TAP system will not rest in front of the horizontal backstrap (HBS).
2. A Waistband Adjuster Panel Extension Strap (WAPES) may be required to ensure the Reserve Parachute stays parallel to the jumper's torso and that there is sufficient free running end of the Waistband for the jumper to be able to activate it.
 - a. If excess in the Waistband is less than four inches in length a WAPES may be required.
 - b. When attaching the WAPES the Waistband will route through the WAPES and a 2-3 finger quick release will be incorporated as normal. The free running end of the WAPES will be routed through the Waistband Adjuster Panel then back over the first metal bar and under the second metal bar to form a "Dead Man's Quick Release" Then roll the Free Running End hand under hand and secure it back to itself with a retainer band.

USAAAS Approved Use List & Jumpmaster Guide

3. The FLC is nearly obsolete and can only be worn when properly attached to the IBA, because the FLC has no quick release buckles that will allow the jumper to quickly get out of the equipment in the event of an emergency the two items must be jumped together.
4. The Tactical Assault Panel (TAP) and the Advanced Tactical Assault Panel (A-TAP) are both authorized to be jumped exposed while wearing the T-11/MC-6 Parachute Systems.
 - a. Tactical Assault Panel (TAP)
 - i. Don the TAP system as normal. Ensuring there are no twist in the harness webbing and plastic components are not cracked or broken.
 - ii. Don the parachute harness as normal. Ensuring nothing is in front of the HBS.
 - b. Advanced Tactical Assault Panel (A-TAP)
 - i. The A-TAP Panel will be dropped down for airborne operations so it will sit below the parachute harness and the Jumper's waistline.
 - ii. The A-TAP will not be secured in the front when jumped exposed.
 - iii. Don the Parachute harness as normal. Ensure nothing is in front of the HBS.
5. Authorized Load Bearing Vest (LBV).
 - a. Tactical Assault Panel.
 - b. Modular Scalable Vest (MSV) Gen I and II.
 - c. KDH Soldier Plate Carrier System.
 - d. Eagle Modular Ballistic Armor Vest.
 - e. Improved Outer Tactical Vest.
6. When the parachute is donned over the LBV/body armor, all items secured to the LBV/body armor will be in front of the horizontal back strap, not over top, in front. This will minimize the potential for a jumper being trapped or hung up in the parachute harness.
7. Ensure all magazines, radios, chem-lights, etc... are properly secured to the LBV/body Armor so they will remain intact during the jump.
8. Ensure all radio cables are stowed in a storage pocket on the LBV/body armor.

USAAAS Approved Use List & Jumpmaster Guide

COMMUNICATION HEADSETS

1. 3M PELTOR COMTAC III with Accessory Rail Connector (ARC).
 - a. Single radio configuration.
 - b. 3M Product Number 88062-ARC, 3M ID 70071573920, UPC 10093045934703.



- c. Two radio configuration.
 - d. 3M Product Number MT17H682P3AD-19 FG, 3M ID 70071577616, UPC 10093045934789.



2. PELTOR Push-To-Talk (PTT) radio adapter cable.



3. OpsCore Rail Attached Communications (RAC) Headset.



USAAAS Approved Use List & Jumpmaster Guide

4. PELTOR can be jumped without the ARC attached to the ACH or ECH by replacing the crown pad with two oval pads. This is the ONLY time the ACH or ECH can replace the crown pad.

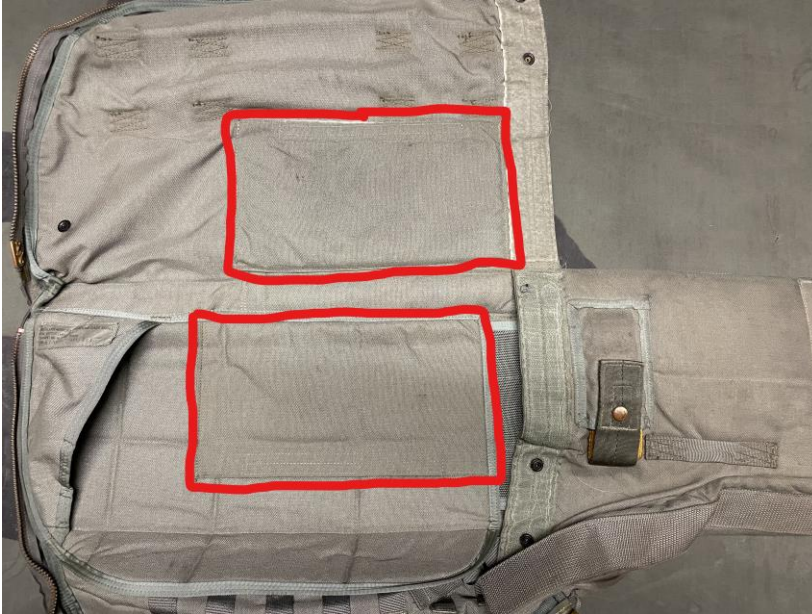
MODULAR AIRBORNE WEAPONS CASE

Rules for use:

1. Limit two items of equipment in a MAWC. Authorized three item loads are limited and specific rigging instructions must be followed.
 - a. Fully equipped load carrier is considered one item.
 - b. Small items like antennas do not count toward your total of items allowed.
2. Only one primary weapon system unless the Jumper cannot adequately protect themselves with that item i.e. M225A1 cannon, AT-4, or sniper rifle.
3. Maximum weight:
 - a. MAWC - 37lbs.
 - b. Large MAWC - 45lbs.
 - c. The Airborne Commander can authorize the maximum approved weight which is
 - i. MAWC – 65lbs.
 - ii. Large MAWC – 85lbs.
4. Padding and taping on items of equipment:
 - a. Blank firing adapters.
 - b. Any metal to metal contact from separate items of equipment.
5. Securing additional items:
 - a. All items under the FPID will be secured to the PALS with 1/4 inch cotton webbing.
6. Authorized expendables:
 - a. Paperboard honeycomb.
 - b. 1/4 inch cotton webbing.
 - c. Retainer bands.
 - d. Paper tape.
7. HSPR/I-HSPR:
 - a. When using a HSPR/I-HSPR, the MAWC will have a retainer band girth hitched to the nylon equipment hanger below the lower tie down strap. The adjustable leg strap will be routed through this retainer band so it does not become a tripping hazard.
8. A 30 round magazine can be placed in the magazine well but ensure no round is chambered.

USAAAS Approved Use List & Jumpmaster Guide

9. When optics require additional padding you will utilize the two pockets located on the inside of the MAWC. One is located on the inside of the closing flap and the other is on the FPID.



Proper rigging and fitting to the Jumper:

1. Snap shackle secured to the left equipment ring
2. Top of the closing flap will rest between the top of the D-ring and the base of the Canopy Release system.
3. Bottom of the adjustable nose cone will be no less than six inches from the ground.
4. Yellow safety lanyard will be secured to the snap fastener that provides the most slack. **You will never use the top snap fastener.**
5. Upper tie down tape will be girth hitched to the horizontal backstrap between the free running end of the horizontal backstrap and waistband adjuster panel. One free running end of the UTDT will be routed through the small cutaway portion of the equipment ring while the other will be routed around the MAWC, through the tabbed thong (optional as long as tabbed thong is secure), and through one of the upper Vertical Nylon Equipment hanger (aka upper tie-down loop). Both free running ends will be secured with a bow knot

USAAAS Approved Use List & Jumpmaster Guide

Authorized three item loads.



Paperboard Honeycomb (PBHC) is used to fill the void in the nose cone when to items are of a different length.

Stiner Aid, M4, TAP System



M4, TAP system, and M500 shotgun or like secondary weapon system

Secure the secondary weapon system or like item to the PALS with 1/4inch cotton webbing.

USAAAS Approved Use List & Jumpmaster Guide

Guidance and rigging procedures for Special Items of Equipment.



M4 and M24 Tripod (Aiming Circle)



M240B Disassembled



M4 and M170A1 bi-pod Assembly

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M4 and M3 MAAWS / AT-4 / SMAW-D



M4 and Sniper Rifles

Some sniper rifles must be placed upside down inside the MAWC to prevent effecting the optic's zero