



**DEPARTMENT OF THE AIR FORCE**  
 AIR FORCE LIFE CYCLE MANAGEMENT CENTER  
 WRIGHT-PATTERSON AIR FORCE BASE OHIO

19 Jan 2021

MEMORANDUM FOR SEE DISTRIBUTION

FROM: Human Systems Program Office (AFLCMC/WNU)  
 1981 Monahan Way, Building 12, Area B  
 Wright-Patterson AFB, OH 45433-7217

SUBJECT: Interim Safe-to-Fly (iStF) for Aircrew Body Armor Vest (ABAV)

Reference: (a) ABAV iStF CCB, 17 Oct 2020, Attached.

1. Item Nomenclature: Aircrew Body Armor Vest, (ABAV).
2. Item Description: Vest, Non-Ballistic Protective, AR.

National Stock Number	Common Name
8465-01-682-3335	BAV, ABAV, KIT, SWMR, OCP, RH, S
8465-01-673-1326	BAV, ABAV, KIT, SWMR, OCP, RH, M
8465-01-673-1323	BAV, ABAV, KIT, SWMR, OCP, RH, L
8465-01-673-1334	BAV, ABAV, KIT, SWMR, OCP, RH, XL
8465-01-673-1344	BAV, ABA V, KIT, SWMR, OCP, LH, S
8465-01-673-1353	BAV, ABAV, KIT, SWMR, OCP, LH, M
8465-01-673-1357	BAV, ABAV, KIT, SWMR, OCP, LH, L
8465-01-673-1359	BAV, ABA V, KIT, SWMR, OCP, LH, XL

Note: Optional and replacement system items may be added/removed per training and mission requirements. Details will be tracked and documented to ensure proper sustainment.

3. Human Systems certifies that the listed item is iStF in accordance with the conditions and provision of this document.
  - a. Type StF: Interim. Applies to Aircrew Body Armor Vest (ABAV) system/kits identified in paragraph 1, above.
  - b. The certification iStF Expiration Date: Jan 2022.
  - c. Applicable Aircraft: H-1 and HH-60 Helicopters and CV-22 aircraft.
  - d. Applicable Aircrew Positions: All aircrew positions.
  - e. Applicable Operational Procedures: Wear uniform IAW TO 14P3-1-112 and other applicable technical order guidance, as well as aircraft specific procedures set forth in applicable AFI 11-2 series guidance.

4. This iStF recommendation is contingent on the following provisions:
  - a. It is incumbent upon the local Aircrew Flight Equipment Officer to evaluate all new issued AFE clothing for mission effectiveness in assigned aircraft, update operational and training procedures, and ensure using aircrew are appropriately trained, IAW AFI 11-301, paragraphs 2.9.16 and 2.11. Basic familiarization and hazards of items will be briefed during the appropriate “LL” course, e.g., LL01 *Aircrew Flight Equipment Familiarization* and/or LL02/LL03 *Emergency Egress*.
  - b. Additionally, Aircrew must meet provisions and training identified in Aviation Body Armor Vest (ABAV) Safety Mitigation Plan, 17 Oct 2020 and AF 4437, Deliberate Risk Assessment Worksheet, 16 Oct 2020, attached.
  - c. Further:
    - i. All ABAV systems will be inspected: Incorrect buckles replaced, straps correctly threaded, unneeded Velcro removed, correctly fitting plates and compatible rescue devices used. Plates will be routinely jettisoned to insure functionality.
    - ii. While over water, neutral or positive buoyant armor plates should be utilized.
    - iii. Personnel utilizing the ABAV system will be trained for the appropriate Ingress/Egress, water survival, flotation procedures for incorrect/failed flotation devices, and proper weight distribution of the system.
    - iv. Approved FR outer layer uniforms and no melt, no drip under layers will be utilized.
5. The Human Systems Point of Contact for this iStF recommendation is Zachary Starcher at DSN: 798-3815, commercial, (937) 938-3815, or email address zachary.starcher@us.af.mil; or Don Fleury at DSN: 256-3071, Commercial: (508) 233-3071, or email address: donald.f.fleury.civ@mail.mil.

EMILIO VARCARCEL, NH-IV, DAF  
Chief, Human Systems Program Office  
AFPEO Agile Combat Support

ATTACHMENT:

- A - ABAV iStF CCB, 17 Oct 2020,
- B - Aviation Body Armor Vest (ABAV) Safety Mitigation Plan, 17 Oct 2020
- C - Deliberate Risk Assessment Worksheet, 16 Oct 2020

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