



Joint Protective Aircrew Ensemble

JPACE

Description

The JPACE Chemical Protective Coverall (CPC) is a one piece garment that is flame resistant and provides protection from Chemical-Biological (CB) warfare agents and radiological particles. The JPACE CPC is intended for aviators and aircrew in both fixed wing and rotary wing communities and is available in Class 1 Sage Green (US Navy, US Marine Corps, US Coast Guard) and Class 3 Universal Camouflage (US Army). The coverall includes the garment, fabricated with a Nomex Carbon Lining and outershell. When worn in conjunction with CB protective gloves, footwear and masks, the JPACE CPC provides complete percutaneous, ocular and respiratory protection against CB warfare agents. For wearers of face seal type masks, a neck dam will be issued to increase CB protection at the mask/garment interface.



Mission

To provide CB protection for aviators and aircrew personnel when worn in place of the flight suit/CPU when CB protection is required.

Capabilities

- ❑ Provides protection to enhance combat capabilities in a CB environment
- ❑ Compatible with all Services' Aviation Life Support Systems/Aviation Life Support Equipment (ALSS/ALSE), legacy and co-developmental CB aviation mask systems, JSLIST Glove Block Upgrades, footwear protection and the Army's Air Warrior System
- ❑ Improvements Over Legacy Items:
 - ~ Increased protection time when contaminated (16 hours of chemical protection in a contaminated environment after 30 days of wear)
 - ~ Increased wear time (30d/480h vs. 15d/180h)
 - ~ Longer service life (120 vs. 30 days)
 - ~ Increased launderability (4 vs. 1 laundering)
 - ~ Sized for both male and female aviators and aircrew
 - ~ Provides field repairable capability through outershell field expedient repair kit (OFERK) and lining field expedient repair kit (LFERK)
 - ~ Reduced heat stress

Users

USSOCOM, US Navy, US Marine Corps, US Coast Guard, US Army

Status

Production and Deployment

This Fact Sheet was cleared for public release on 2/13/2012.

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