



Joint Service Lightweight Integrated Suit Technology

JSLIST

Description

The JSLIST Chemical-Biological (CB) protective garment is made of an outer shell that is 50% nylon and 50% cotton poplin ripstop material with a durable water repellent finish. The liner layer consists of a non-woven front laminated to activated carbon spheres and bonded to a tricot knit back that absorbs chemical agents. The garment is composed of two pieces (i.e., coat and trousers) and is manufactured in two distinct designs: Type II and Type VII. The Type II has a hood and is used for most applications. The Type VII has a stand-up collar and is used by Special Operations Forces personnel.

Mission

When combined with the chemical protective mask and footwear, JSLIST provides protection against chemical and biological agents, radioactive fallout particles, and battlefield contaminants.

Capabilities

- ❑ Provides up to 24 hours of protection against CB agents after 45 days of uncontaminated wear with up to six launderings, and 120 days with no launderings
- ❑ Provides complete ocular, percutaneous and respiratory protection against CB warfare agents when worn with CB protective gloves, boots and masks
- ❑ Improvements Over Fielded and Legacy Systems:
 - ~ Increased durability
 - ~ Reduced weight and bulk
 - ~ Reduced heat stress
 - ~ Improved fit



Users

USSOCOM, US Navy, US Marine Corps, US Army, US Air Force

Status

Sustainment

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Point of Contact: Chemical, Biological, Radiological, & Nuclear Information Resource Center (CBRN IRC), CBRN.IRC@us.army.mil,
Toll Free: 1-800-831-4408, Commercial: (309) 782-7349, DSN: 793-7349, Fax: (309) 782-1919