



## Joint Service Aircrew Mask, Joint Strike Fighter Variant

### JSAM-JSF

#### Description

The JSAM Joint Strike Fighter (JSF) variant will be a lightweight mask that provides above the neck percutaneous, ocular and respiratory CB protection for JSF aircrew members. When integrated with aircraft-mounted and crew-mounted equipment, the system will provide combined hypoxia, CB, and anti-G protection. The JSAM-JSF will fully integrate with JSF Pilot Flight Equipment (PFE), and life support, communication, and helmet mounted systems.

#### Mission

To provide above the neck percutaneous, ocular, and respiratory CB protection for JSF pilots for ground and flight operations. When integrated with JSF LSS, JSAM-JSF will provide combined hypoxia, CB, and anti-G protection for the JSF pilots enabling full operational performance in a CB warfare environment.

#### Capabilities

- Will integrate with JSF below the neck CB protective ensemble, LSS, helmet mounted display (HMD) system, and communication system
- Continuous 16 hour CB protection (i.e., ground and flight)
- Flame and thermal protection
- Hypoxia and anti-G protection



#### Users

US Navy, US Marine Corps, US Air Force

#### Status

Engineering and Manufacturing Development - Anticipated Fielding: FY 2015 Q4

This Fact Sheet was cleared for public release on 7/26/2010.

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