



Joint Service Aircrew Mask for Tactical Aircraft

JSAM TA

Description

JSAM TA is a Non Development Item (NDI) Program for aircrew Chemical Biological Radiological (CBR) protective systems, which will act as an interim solution for the United States Air Force (USAF) F-22. JSAM TA will also replace legacy aircrew chemical and biological (CB) protective respirators for selected aircraft of the United States Navy (USN) and the United States Marine Corps (USMC). The JSAM TA will integrate with existing below the neck CB individual protective equipment (IPE), and other standard fight equipment, as well as aircraft equipment/systems necessary for mission accomplishment. It will provide simultaneous CB and Pressure Breathing for Gravity (PBG)/Pressure Breathing for Altitude (PBA) protection to aircrew in high performance aircraft.



Mission

To provide face, eye and respiratory protection from battlefield concentrations of CB agents, toxins, toxic industrial materials and radioactive particulate matter.

Capabilities

- Pressure breathing for Gz (PBG) in high performance aircraft
- Compatible with appropriate life-support equipment across various aircraft platforms
- Compatible with helmet mounted displays
- No aircraft modifications required
- Continuous 12 hour CB protection

Users

US Navy, US Marine Corps, US Air Force

Status

Engineering and Manufacturing Development - Anticipated Fielding: FY 2020 Q2

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