

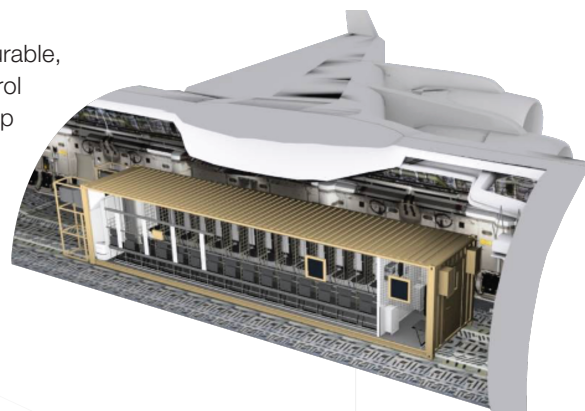


JPM CBRN PROTECTION COVID-19: NEGATIVELY PRESSURIZED CONEX (NPC), NPC-Lite (NPCL) JUON

JPM CBRN Protection provides the U.S. military forces and the nation with chemical, biological, radiological and nuclear protection and hazard mitigation capabilities.

OVERVIEW

The Negatively Pressurized Conex (NPC) is a rapid prototype, modified, configurable, pre-fabricated 40' ISO container (Conex). The NPC will maintain infection control by creating a negative pressure system. This will enable the safe transport of up to 28 passengers during aeromedical evacuation of asymptomatic, symptomatic, or infected patients with COVID-19 while ensuring that the aeromedical evacuation crew, flight crew, and operational support flyers are protected from exposure. The NPC can be reconfigured to transport 28 passengers, 24 ambulatory patients, 8 litters, or combinations thereof, it is interoperable with the C-17 or C-5 transportation aircraft. The NPC-Lite (NPCL) will support intra-theater transport, be interoperable with C-130 transportation aircraft, and be certified to fly on maximum number of partners' C-130 aircraft.



WHY DOES THE DoD NEED THIS?

- The NPC can immediately and efficiently contain a COVID outbreak within the negative pressurized structure. The unit can be modified to meet the needs of the situation without compromising the function of the unit.
- Negative pressure creates a safe transport capability of COVID-19 patients while mitigating the risk of the virus to the aircraft, flight personnel, or aeromedical personnel.
- Allows for transport of 4,000 COVID-19 infected ambulatory and litter patients per month.

WHY THE JPEO-CBRND?

- Focal point for development, acquisition, fielding, and life cycle sustainment of chemical and biological, radiological and nuclear protection and hazard mitigation capabilities for the nation.
- Has the obligation to manage funding for the development of affordable and effective holistic solutions that DoD relies on to eliminate chemical, biological and nuclear burdens.



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Air Force JUON Lead Organization:

- Air Force PEO Agile Combat Support (ACS) – (AFLCMC/WN)

OPR Supporting:

- AF CBRN Defense Systems Branch (AFLCMC/WNU)
- JPM CBRN Protection

Interdependencies:

AF CBRN Defense, JPEO CBRND, AMC/A3, AMC/A5, AMC/SG, AMC/TE, AFOTEC Det-2, 28 TES, CCDC CBC

Customer:

United States Transportation Command (USTRANSCOM), Air Mobility Command (AMC), US Air Force (USAF)