

LIFEPOD™

EMERGENCY SYSTEMS



*Providing Miners a Life Support System
Comparable to That of Rescue Teams*

The unique design, the breathable air system, and mobility of the LIFEPOD Emergency System came about after much research. The driving principle is to "Do No Harm" to miners as they await rescue. This principle was formulated after reading two documents from which is offered these two quotes.

"The {Kentucky Mine Equipment Review} Panel has determined that no commercially available mine refuge chambers currently meet the demands of Kentucky operations relative to **seam height restrictions, physiology limitations, and overall chamber survivability.**"

Report and Recommendations to the Kentucky Office of Mine Safety, p.30.

When he was admitted to the West Virginia University's Ruby Memorial Hospital "Randall McCloy was barely alive.....he was **dehydrated, had a collapsed lung, and was suffering from the results of oxygen deprivation and hours of immobility of his muscles.**"

Larry Roberts, M.D., director of the Jon Michael Moore Trauma Center, WVU, Ruby Memorial Hospital

LIFEPOD 3016

FEATURES

1. FREEDOM TO MOVE ABOUT
2. ESCAPE CAPABILITIES
3. PERSONAL PRIVACY
4. AIR CYLINDER REFILL PORT





DOOR BAR
RESTRAINT



AIR CYLINDER EASY
ACCESS PANELS



FEATURES
STRONG FRAME DESIGN

AIR CYLINDER PLUMBING

1. EASY ACCESS

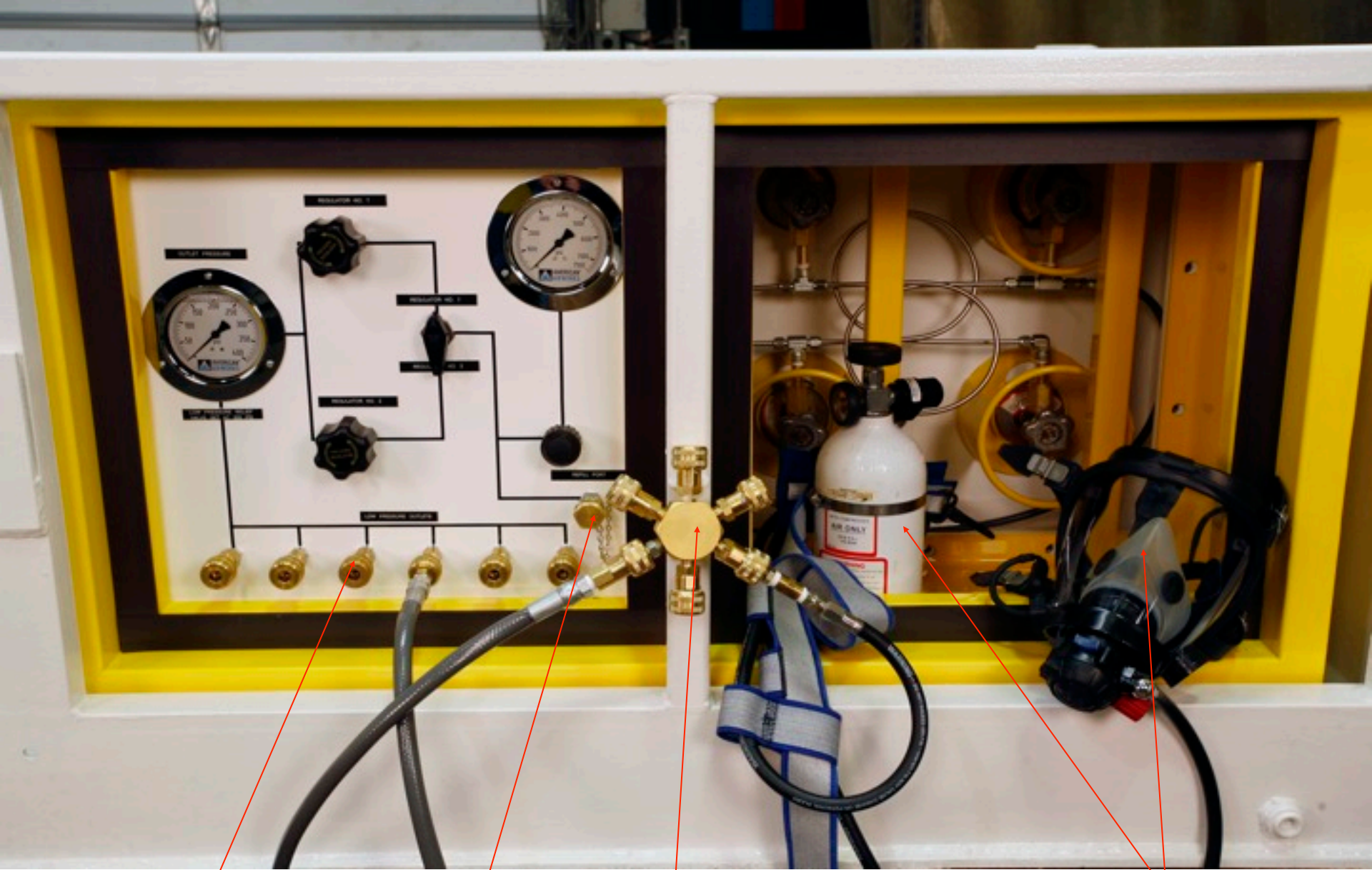
2. RIGID RESTRAINT





AIR CONTROL PANEL

MASK STORAGE AREA



ACCESS
PORTS

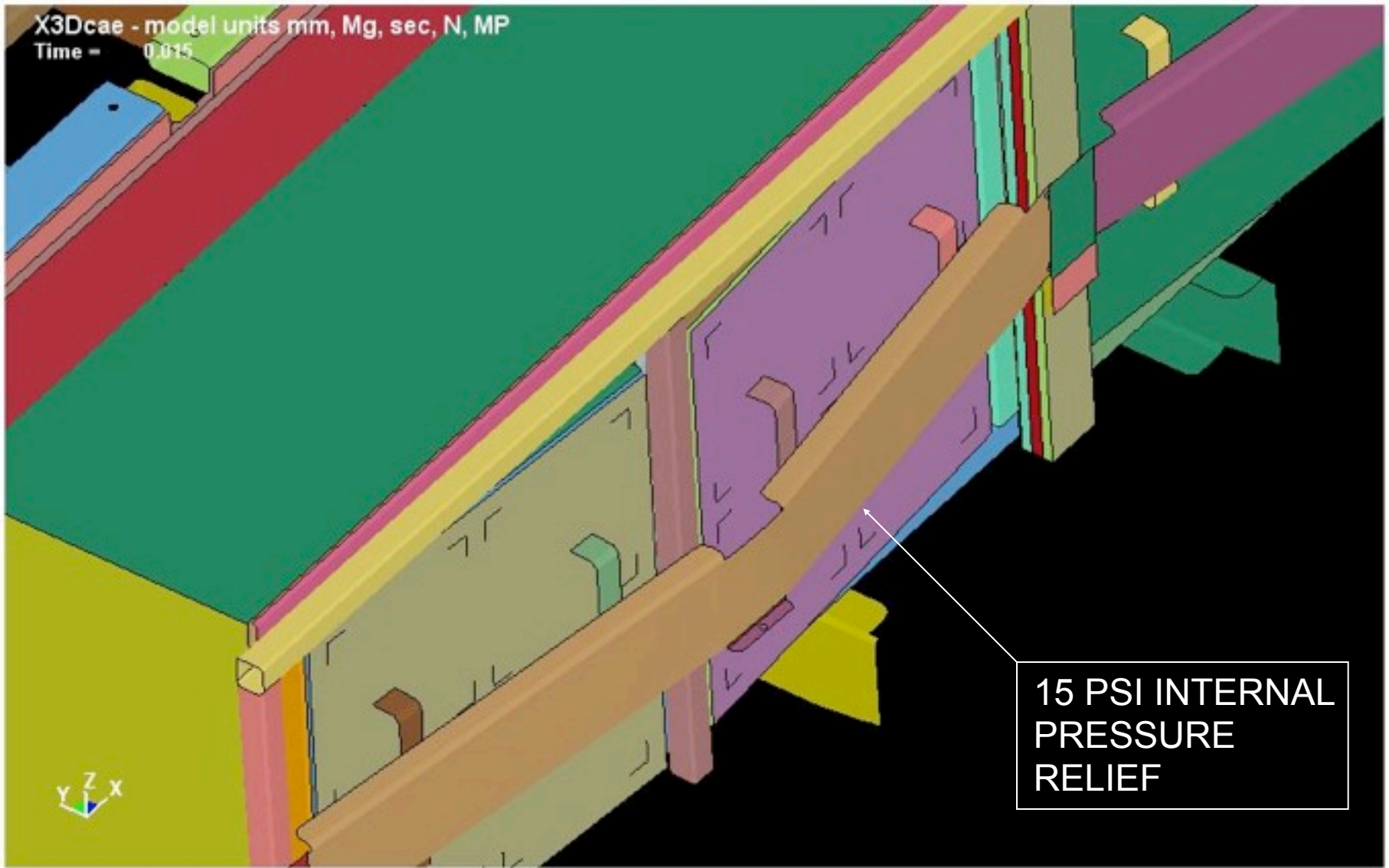
REFILL
PORT

MANIFOLD
PORT

NIOSH APPROVED
13F AIR SUPPLY



X3Dcae - model units mm, Mg, sec, N, MP
Time = 0.015



15 PSI INTERNAL
PRESSURE
RELIEF

5000 psi 20 kgrms C4

