



# Chemical Agent Monitor Simulator (CAMSIM)

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# PURPOSE OF BRIEFING

- Introduce Capabilities of CAMSIM\*
- Show Fieldings

\* CAMSIM is a trademark of ARGON Electronics

# Why Use a Simulator?

Simulators are:

- Safe
- Environmentally friendly
- Cost Effective - No damage to real instruments
- Easy to control
- Easy to use in confined spaces

# Features & Benefits

- Simulates all capabilities and functions of the CAM/ICAM.
- Is completely safe. Uses no chemicals or radioactive materials.
- Provides point and area contamination simulation.
- Is compatible with or provides replica of all CAM components.

# Features & Benefits

- Records operational errors made by trainee.
- Reports errors to trainer.
- Allows remote control operation by trainer.
- Simulates contamination/decontamination of vehicles, cargo, people etc.
- Can be used for chemical ordnance disposal training

# Availability

- Began fielding Oct 1999
- Continue through 2002
- Life Cycle Support begins Oct 2001

# CAMSIM

CAMSIM enables you to simulate:

- Nerve and Blister
- False readings
- Contamination and decontamination
- Persistency

# The CAMSIM System



# The CAMSIM Simulator



# Simulation Confidence Tester



# Electromagnetic Sources



# Ultrasound Source

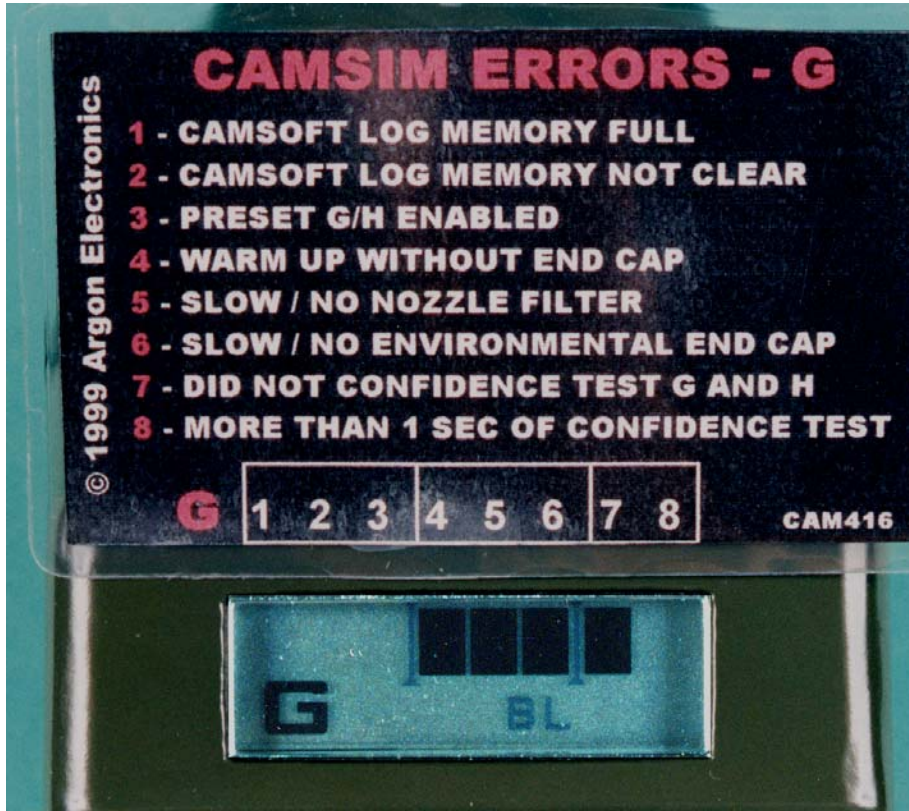
- 1 - ON/OFF**
- 2 - INCREASE POWER**
- 3 - DECREASE POWER**
- 4 - POWER INDICATOR**
- 5 - TRANSDUCER**
- 6 - BATTERY COVER**



# Simulation Nozzle Filter Pack



# You Can Evaluate Your Trainees' Performance



**Simple system uses bars to indicate your trainees' mistakes.**

**You avoid expensive damage to and extend the life of your real CAMs!**

# FIELDING

## Centrally Distributed

- Air Force
- Marine Corps
- WMD CST

# FIELDING

## Direct Distribution

- Navy
- Army
  - Training Support Centers (TSC)
  - According to Chemical School Priority
- DOE
- Other Customers

# ARMY

## Currently Fielded

- |                   |                  |
|-------------------|------------------|
| ■ Korea           | ■ Ft Polk LA     |
| ■ Ft Leonard Wood | ■ Ft Stewart GA  |
| ■ Ft Irwin CA     | ■ Ft Drum NY     |
| ■ Camp Zama       | ■ Ft Campbell KY |
| ■ Ft Hood TX      | ■ Ft Bliss TX    |
| ■ Ft Bragg NC     | ■ Ft Lewis WA    |

# ARMY

## Currently Fielded

- |                 |                     |
|-----------------|---------------------|
| ■ Ft Shafter HI | ■ Ft Jackson SC     |
| ■ Ft Carson CO  | ■ Ft Dix NJ         |
| ■ Ft Riley KS   | ■ Ft McCoy WI       |
| ■ V Corps FRG   | ■ Ft Lee/Pickett VA |
| ■ CMTC Germany  | ■ Ft Indiantown Gap |
| ■ Camp Doha     | ■ Ft Sam Houston    |
| ■ Ft Sill OK    | ■ Camp Ripley       |

# ARMY

## To Be Fielded

- Camp Atterbury
- Ft McClellan AL
- Huntsville TSC
- V Corps FRG
- Los Alimitos
- Ft Meade MD

- Ft Eustis
- Ft Richardson AK
- Ft Buchanan PR
- Ft Rucker AL
- Ft Benning GA
- Ft Gordon GA

# ARMY

## To Be Fielded

- Ft Knox KY
- Ft Leavenworth KS
- Ft Huachuca AZ
- Bay Area
- APG MD
- Ft Gillem GA

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