

# Screening Obscuration Device (SOD)–Visual Restricted (Vr)

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

## MISSION

To provide the warfighter with the ability to safely employ short-duration obscuration in the visual, infrared (IR) and millimeter wave (MMW) portions of the electromagnetic spectrum.

## DESCRIPTION

The Screening Obscuration Device–Visual Restricted (SOD–Vr), is a member of the Family of Tactical Obscuration Devices Family of Systems. It provides the warfighter commander the capability to rapidly employ small-area, short-duration, screening obscuration effects in the visual through near infrared (IR) spectrum (0.4–1.2 micron range) during full-spectrum operations. The SOD–Vr is designed for use in restrictive terrain (i.e. urban structures, subterranean locations, and caves). The SOD–Vr degrades proper operation and performance of enemy battlefield weapon systems and enhances friendly capabilities, providing a less hazardous alternative to current non-colored smoke and incendiary hand grenades. The obscurant grenades in the current

inventory subject the warfighter to several hazards (i.e. asphyxiation, carcinogen, and fire hazards) if used in restricted terrain. The SOD–Vr is less toxic than current grenades because the fill is non-combustible and non-burning.

## SYSTEM INTERDEPENDENCIES

None

## PROGRAM STATUS

- **FY09:** Full-rate production decision and fielding

## PROJECTED ACTIVITIES

- **FY09:** Continue fielding



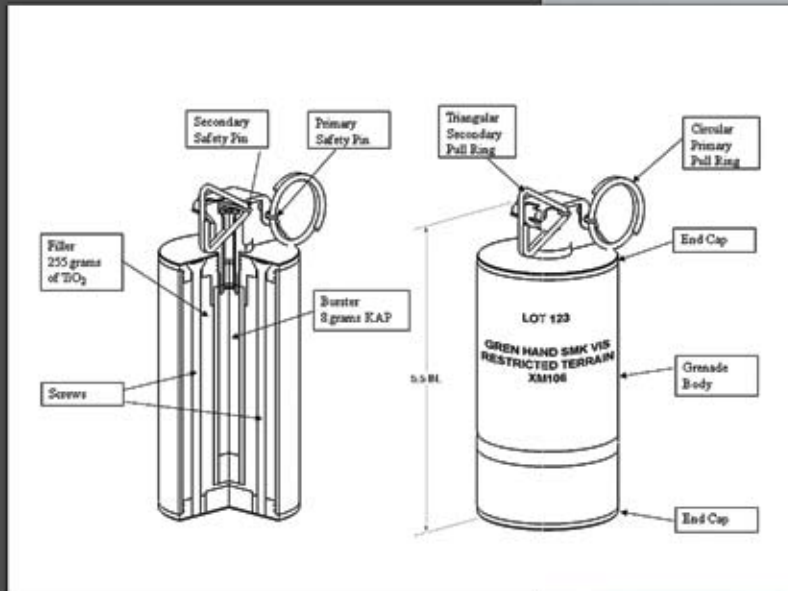
## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support



## Screening Obscuration Device (SOD)–Visual Restricted (Vr)

### FOREIGN MILITARY SALES

None

### CONTRACTORS

Pine Bluff Arsenal (Pine Bluff, AR)

