



Screening Obscuration Module (SOM) enhances battlefield survivability, disrupts enemy visibility, using advanced medium-area/medium-duration obscuration technology.

## OPERATIONAL CAPABILITIES

Tactical SOM enhances warfighter effectiveness by limiting adversary visibility across multiple optical ranges. The system provides non-lethal screening effects through an advanced dispersion system, supporting mission success.

Each unit is manufactured to meet stringent military operational requirements through precision engineering and ruggedized system development. SOM integrates proven obscuration methodologies, validated through extensive field testing.

## KEY FEATURES

### OPTIMIZED FOR TACTICAL USE

Effective beyond 200 meters, with duration exceeding 12 minutes

### PORTABLE & VERSATILE

Single-warrior operation in both mounted and dismounted configurations

### EFFICIENT CONTROL INTERFACE

Operable via integrated control panel or remotely through a handheld Remote-Control Unit (RCU)

### UNIVERSAL MOUNTING COMPATIBILITY

Designed for seamless integration across various platforms

## SOM TACTICAL SCREENING OBSCURATION MODULE



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## BATTLEFIELD ADVANTAGES

### RUGGEDIZED FOR DEPLOYMENT

Packaged in a heavy-duty transit case with full operational accessories

### COUNTER-SURVEILLANCE ADVANTAGE

Disrupts adversary sightlines, making detection and tracking difficult.

### MITIGATION AGAINST NIGHT VISION & TARGETING SYSTEMS

Limits detection by near infrared and mid-IR technologies, enhancing operational security.

### ADAPTABLE TO VARIOUS ENVIRONMENTS

Ensures concealment in open battlefields, urban settings, and high-risk deployment zones.

### ENHANCED MISSION SURVIVABILITY

Reduces exposure to enemy engagement, safeguarding warfighter movements.

### NON-LETHAL DEFENSIVE CAPABILITY

Provides strategic concealment without harmful countermeasures, supporting ethical combat operations.



## MOUNTING FEATURES

Designed for rapid deployment with minimal setup requirements, the SOM supports both ground-emplaced and vehicle-mounted configurations. Its adaptable design allows secure mounting via standard fuel can mounts or vehicle strapping systems. An integrated exhaust diverter shields mounting surfaces, enhancing safety and longevity.

## OPERATION & MAINTENANCE

Miltope's Tactical SOM provides combat reliability with intuitive single-operator functionality. It supports multi-role compatibility (MOS/ASI) and follows 91J/91D maintenance protocols. Its modular construction streamlines troubleshooting and enables rapid field-level repairs, minimizing downtime.



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## PERFORMANCE & SPECIFICATIONS

### OBSCURED WAVELENGTH

Visual to near-infrared spectrum

### EFFECT REACH

Over 204 meters in length, exceeding 12 meters in height

### DEPLOYMENT SPEED

Full effect generated in under 95 seconds

### OPERATIONAL DURATION

Over 12 minutes

### OBSCURANT MATERIAL

Preferred Fog Oil, alternative Diesel

### CONSUMPTION RATE

0.4 gallons/minute



## POWER & CONTROL

### CONTROL OPTIONS

Wireless (RCU), tethered (RCU), or onboard panel

### WIRELESS RANGE

500 meters (line of sight)

### POWER SOURCE

Internal BB-2590 battery or external power supply

## SYSTEM SPECIFICATIONS

### TRANSIT CASE WEIGHT & DIMENSIONS

Weight: 143.9 lb (dry weight)

Dimensions: 42.9" (L) x 27.3" (W) x 21.0" (H)

### OPERATIONAL UNIT WEIGHT & DIMENSIONS

Weight: 63.2 lb (fully fueled and powered)

Dimensions: 21.4" (L) x 6.7" (W) x 23.6" (H)

### MILTOPE SOM PART NUMBER

31-15-6704



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