INTRODUCTION:
- From the very small, simple, cheap devices to the large, highly complex and expensive ‘smart’ munitions.
- Delivered by missiles, rockets, projectiles, and mortars.
- Fillers include HE, pyrotechnics, illuminants, and chaff.
- Dispensed by nose-ejection, rear-ejection, or case rupture.
- Stabilization includes fins, a streamer, or parachute.
- Most incorporate a separate arming mechanism.
- Targets include personnel, equipment, machinery, and area-denial.
- Most function upon impact but some are victim-operated or contain delays.

SAFETY:
- May incorporate stab-sensitive or all-ways acting fuze(2).
- All-ways acting fuze mechanisms can behave like an anti-disturbance device.
- Large numbers at a contaminated site complicates a clearance operation.
- Often found above ground in vegetation or manmade structures.
- Dispensers contain hazardous components such as ejection charges and linear cutting charges.
- Presence is indicated by empty containers and packaging.
- Armed bomblets prone to failure if impact angle too great or fall broken by vegetation or soft ground.
- May fail to arm if drop height is insufficient.
- Presence of an unexploded scatterable may indicate others are present.

EOD CONSIDERATIONS

CHUTE-STABILIZED:
- May not arm if release altitude too low.
- Partially impacted fuzes may be in a highly sensitive state.

DPICM:
- Subject to a high failure rate.
- If armed, munition is highly sensitive to pressure on the fuze.
- They often become tangled in vegetation and structures.

FIN-STABILIZED (HEAT):
- May penetrate soft ground and be buried due to high sectional density.
- Partially impacted fuzes may be highly sensitive especially piezoelectric types.

FIN-STABILISED (FRAGMENTATION):
- Thick-walled varieties can produce heavy fragments, lethal at substantial ranges.

SPIN-ARMED:
- Due to failure in the fully armed condition due to insufficient impact energy.
- Armed with all-ways acting fuzes sensitive to movement.
- Despite external corrosion, fuze mechanisms and detonators may be fully operational after many years.

References 60A-1-1-22
ITALIAN LANDMINES, APERS, SB-33

T-9-2-5
Ordnance used with:

IRAQI GRENADE, DUAL-PURPOSE, MODEL UNKNOWN

T-57-5-1
Ordnance used with:
U.S. BOMB UNIT, APERS, HEAT, BLU-77/B

T-2-2-18
Ordnance used with:
DISPENSERS: US: MK 7 MOD 2
DISPENSERS: US: MK 7 MOD 3
DISPENSERS: US: MK 7 MOD 4
DISPENSERS: US: MK 7 MOD 6

CHILEAN BOMB, AV/AT, PM-1

T-50-2-1
Ordnance used with:
DISPENSER: CB-250-K
CHILEAN BOMB, HEAT, PM-2

T-50-5-1
Ordnance used with:

U.S. BOMB, HEAT/FRAG, MK 118 MODS 0 & 1

T-2-2-6
Ordnance used with:
DISPENSERS: CBU SYSTEMS
DISPENSERS: MK 7 MODS 2, 3, 4, 6
FOR OFFICIAL USE ONLY

- U.S. BOMB, HEAT/FRAG, VECP MODIFIED

- \[ \text{Ordnance used with:}\]
  - DISPENSERS: CBU SYSTEMS
  - DISPENSERS: MK 7 MODS 2, 3, 4, 6

- \[ \text{T-2-2-6}\]
  - Ordnance used with:
  - DISPENSERS: SUU-65/B
  - GUIDED MISSILE: AGM-154/A
  - GUIDED MISSILES: RGM-109C-1, -3, -4
  - GUIDED MISSILES: RGM-109D-3, -31, -4, -41
  - GUIDED MISSILES: UGM-109C-1, -2
  - GUIDED MISSILES: UGM-109D-3, -31, -4, -41

- \[ \text{T-2-2-8}\]
  - Ordnance used with:
  - GUIDED MISSILE: AGM-154/A
  - GUIDED MISSILES: RGM-109C-1, -3, -4
  - GUIDED MISSILES: RGM-109D-3, -31, -4, -41
  - GUIDED MISSILES: UGM-109C-1, -2
  - GUIDED MISSILES: UGM-109D-3, -31, -4, -41

FOR OFFICIAL USE ONLY

T - 4
Ordnance used with:

- T-50-5-3

- U.S. BOMB UNITS, BLU-63/B, BLU-63A/B, BLU-86/B AND BLU-86A/B; AND BOMB UNITS, TRAINING, BLU-63(T-1)/B; AND BLT(T-1)/B

- T-2-2-11

Ordnance used with:

- DISPENSERS: SUU-30H/B
- DISPENSERS: SUU-51B/B (BLU-63/B ONLY)
- DISPENSERS: SUU-54A/B; GUIDED BOMB SYSTEM: GBU-2A/B
- MISSILE: MGM-52C
ITALIAN LANDMINES, APERS, VS-50AR; AND TRAINING

T-9-2-3
Ordnance used with:
ANTILIFT DEVICE: VS-AR4

U.S. BOMB UNIT, FRAG, BLU-61A/B

T-2-2-21
Ordnance used with:
DISPENSERS: SUU-30B/B, 30H/B
U.K. LANDMINE, AREA DENIAL, HB876

T-3-3-1
Ordnance used with:

YUGOSLAV MINE, ANTITANK, YU-S-AT (MULTIPLE COUNTRY DEVELOPED MINE, AT, KTRM)

T-37-5-1
Ordnance used with:
T-2-2-10
Ordnance used with:
DISPENSERS: SUU-58/B
DISPENSERS: SUU-64/B

T-2-2-9
Ordnance used with:
DISPENSER: SUU-58/B
DISPENSER: SUU-64/B
Ordnance used with:
BOMB: SF: CLUSTER, 450-KG, CB470

T-46-2-2

U.K. BOMB RUNWAY PENETRATOR, 26-KG, NO. 1 MK 1
(SG-357)

T-3-2-2

Ordnance used with:
DISPENSER, NO. 1 MK 1
ITALIAN LANDMINE, AT, MODEL VS 1.6

T-9-2-4
Ordnance used with:
ITALIAN ANTI-LIFT DEVICE, VS-AR4

ITALIAN LANDMINES, AT, VS-2.2 TYPE 1

T-9-2-1
Ordnance used with:
ANTILIFT DEVICE: VS-AR4
U.S. BOMB UNITS, FAE, BLU-73/B (OBSOLETE) AND BLU-73A/B

T-2-2-30
Ordnance used with:
DISPENSERS: SUU-49/B, 49A/B