INTRODUCTION:
- Rockets may be launched from aircraft, ships, vehicles, fixed positions, and by individuals.
- May contain an HE main charge or a variety including chemicals, pyrotechnics, incendiaries, or combinations of these agents.
- The hazards include the warhead section and the propulsion system.

SAFETY/EOD CONSIDERATIONS
- Approach/work from the side. Ignition will create a missile hazard/hot exhaust.
- Do not jar or disturb an armed warhead. If necessary to move, do remotely.
- Perform initial movement of an embedded rocket remotely.
- Positively ID, or assume most hazardous type fuze.
- Work most hazardous fuze first.
- Wait a sufficient time (least 1 hour) for charged capacitors to discharge.
- Protect rockets within in an EMR field/environment.
- Do not dismantle, disassemble, or strip unexploded rockets or components.
- Wear Personnel Protective Equipment (PPE) for suspected chemical agents.
- Do not approach a smoking WP warhead unless absolutely necessary.
- Wash thoroughly (soap and water) after handling rocket motor propellant.
- Do not expose electrically fired rocket motors within 25.0 feet (7.6 meters) of any exposed electronic transmitting equipment or exposed antenna leads.
- Do not transport an unfired rocket unless the motor igniter is shielded from EMR.

References 60A-1-1-22
**FOR OFFICIAL USE ONLY**

- **U.S.S.R. FUZE, ROCKET, PD, V-5K**

- **F-35-3-7**
  Ordnance used with:
  ROCKETS: 57-MM, HEAT
  ROCKETS: S-5K1

- **U.S.S.R. ROCKET FUZE, NOSE, PD, V-25**

- **F-35-3-1**
  Ordnance used with:
  ROCKETS: 140-MM, CHEMICAL (NON-PERSISTANT) MODEL
  UNKNOWN
  ROCKETS: 140-MM, M-14-OF
  ROCKETS: 240-MM, F961 & F961U

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F - 1
**F-35-3-16**
Ordnance used with:
ROCKET: UR: 80-MM, HE/FRAG, S-8-OF
WARHEAD: UR: 80-MM, HE/FRAG, S-8-OF

**F-35-3-8**
Ordnance used with:

U.S.S.R. ROCKET FUZE, PD, V-8

U.S.S.R. ROCKET FUZE, PDS, V-5M1
U.S.S.R. ROCKET WARHEAD, 57-MM, HEAT/FRAG MODEL
S-5KO

F-35-2-24
Ordnance used with:
FUZE: V-5K, PD
ROCKET: S-5K, HEAT

U.S.S.R. ROCKET, 57-MM, HEAT/FRAG, MODEL S-5KPB

F-35-2-23
Ordnance used with:
Ordnance used with:
FUZE: PD/SD, V-5M1
LAUNCHERS: UB-16-57-U
LAUNCHERS: UB-16-57-UMVP

Ordnance used with:
FUZE: V-5K, PD
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- SOUTH AFRICAN FUZE, ROCKET, PROXIMITY BM21

- **F-46-5-1**
  Ordnance used with:
  ROCKET: 122-MM, HE MODEL UNKNOWN

- U.S.S.R. ROCKET FUZE, PD, MRV-U

- **F-35-3-10**
  Ordnance used with:
  ROCKETS: 122-MM (MRL)
  WARHEADS: M-210F, M-210FM, 9N55 (HE-FRAG); CHEMICAL, MODEL UNKNOWN; INCENDIARY, MODEL UNKNOWN

FOR OFFICIAL USE ONLY
F - 5
FRENCH ROCKET WARHEAD, 68-MM, PRACTICE, SNEB, TYPE 22/3

F-7-5-9
Ordnance used with:
ROCKET MOTORS: TYPE 25 & TYPE 25*

U.S. ROCKET MOTOR, 2.75-IN: FFAR MK 1

F-2-2-1-1
Ordnance used with:
LAUNCHERS: LAU-32/A, LAU-32A/A, AND LAU-49/A; LAU-59/A
LAUNCHERS: LAU-3A, LAU-3A/A, LAU-3B/A, LAU-3C/A, ADN
LAU-3D/A; LAU-51/A; LAU-60/A, LAU-61/A, LAU-61A/A, AND
LAU-61B/A
LAUNCHERS: M158A1, M200-SERIES, M260, AND M261
LAUNCHERS: M3; M157; M159
LAUNCHERS: MA-2A
FOR OFFICIAL USE ONLY

U.S. ROCKET MOTOR, 2.75-IN: FFAR SR 105-AJ-1

**F-2-2-1-1**
Ordnance used with:
LAUNCHERS: LAU-32/A, LAU-32A/A, AND LAU-49/A; LAU-59/A
LAUNCHERS: LAU-3A, LAU-3A/A, LAU-3B/A, LAU-3C/A, ADN
LAU-3D/A; LAU-51/A; LAU-60/A, LAU-61/A, LAU-61A/A, AND
LAU-61B/A
LAUNCHERS: M158A1, M200-SERIES, M260, AND M261
LAUNCHERS: M3; M157; M159
LAUNCHERS: MA-2A

U.S.S.R. ROCKET FUZE, NOSE, PD, V-24A

**F-35-3-6**
Ordnance used with:
ROCKET: 240-MM, AIRCRAFT, HE, S-24
ROCKET: 240-MM, F-961/F-961U, HE,
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F-35-2-49
Ordnance used with:
ROCKET: UR: 80-MM, HE/FRAG, S-8-OF
WARHEAD: UR: 80-MM, HE/FRAG, S-8-OF

F-35-2-35
Ordnance used with:

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F - 8
FOR OFFICIAL USE ONLY

- **F-35-2-47**
  Ordnance used with:
  FUZE: UR: PD, V-8
  ROCKET MOTOR: UR: 80-MM, SOLID-PROPELLANT, S-8-OF
  WARHEAD: UR: 80-MM, HE/FRAG, S-8-OF

- **F-35-2-31**
  Ordnance used with:
  ROCKET LAUNCHERS: B-8M1, 20 TUBE; B-8V20, 20 TUBE; B-8V7, 7-TUBE

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F - 9
For Official Use Only

**F-35-2-31**

Ordnance used with:

ROCKET LAUNCHERS: B-8M1, 20 TUBE; B-8V20, 20 TUBE; B-8V7, 7-TUBE

**F-35-2-48**

Ordnance used with:

FUZE: UR: PD, V-8
ROCKET MOTOR: UR: 80-MM, SOLID-PROPELLANT, S-8-OF
ROCKET: UR: 80-MM, HE/FRAG, S-8-OF

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F - 10
SWISS ROCKET, 81-MM, AIR-TO-SURFACE, SURFACE-TO-AIR, (SNORA)

F-33-5-1
Ordnance used with:
WARHEADS: PRACTICE: UGK 028, 033, & 034; MARKER SHELL: USK 035, 036, & 037; HE, FRAG: SSK 029, SSSK 031 & SSK 032; HOLLOW CHARGE: PHK 090, 042

CHINESE ROCKET, 107-MM, HE, TYPE 63-2

F-17-5-7
Ordnance used with:
PD, MJ-1
CHINESE ROCKET, 107-MM, HE-FRAG, SPIN-STABILIZED, TYPE 63

F-17-2-8
Ordnance used with:
FUZE: TYPE 1

CHINESE ROCKET, SP, 122-MM, HE TYPE 81

F-17-5-4
Ordnance used with:
FUZE: PD, MJ-4, MJ-4A
ITALIAN ROCKET, 122-MM, MODEL 122/A

F-9-5-1
Ordnance used with:

U.S.S.R. ROCKET, 122-M, HE, MODEL 9M28F

F-35-5-2
Ordnance used with:
Ordnance used with:

- U.S.S.R. ROCKET, 122-MM, HE, S-13
- F-35-5-14

Ordnance used with:

- U.S.S.R. ROCKET, 122-MM, HE, S-13-OF
- F-35-5-13
- U.S.S.R. ROCKET, 122-MM, HE, S-13-T

**F-35-5-15**
Ordnance used with:

- U.S.S.R. ROCKET, 122-MM, HE-FRAG, FIN & SPIN-STABILIZED, 9M22U (9-FOOT)

**F-35-2-1**
Ordnance used with:
U.S.S.R. ROCKET, AIR-TO-SURFACE, 122-MM, HE, S-13D

F-35-2-43
Ordnance used with:

F-44-2-1
BRAZILIAN ROCKETS, 127-MM, SS-15 AND SS-30
Ordnance used with:
ORDBRANDS RCKET, 132-MM, FRAG-HE, FIN AND
SPIN-STABILIZED, MODEL M-13UK

F-35-2-21
Ordnance used with:
FUZE: GVMZ-1, PD

BRAZILIAN ROCKET, 180-MM, SS-40

F-44-2-1
Ordnance used with:
FUZE: M20-C1, PD
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- U.S.S.R. ROCKET, 240-MM, AIRCRAFT, HE, MODEL S-24

- F-35-2-17
  Ordnance used with:
  FUZE: V-24A, PD

- U.S.S.R. ROCKET, 240-MM, HE, SPIN-STABILIZED F-961

- F-35-2-7
  Ordnance used with:
  FUZES: V-24, PD
  FUZES: V-25, PD

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F - 18
FOR OFFICIAL USE ONLY

U.S.S.R. ROCKET, 240-MM, HE, SPIN-STABILIZED F961U

F-35-2-7
Ordnance used with:
FUZES: V-24, PD
FUZES: V-25, PD

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BRAZILIAN ROCKET, 300-MM, SS-60

F-44-2-1
Ordnance used with:

FOR OFFICIAL USE ONLY

F - 19