
Mobilizing Safety Guide

Training and Support

First Army Division East
Safety Office



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
HEADQUARTERS, FIRST ARMY DIVISION EAST
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AKFA-DVE-CG

07 February 2012


MEMORANDUM FOR First Army Division East Commanders and Mobilizing Unit
Commanders

SUBJECT: Mobilizing Safety Guide

1. As the First Army Division East Commander, I expect each mobilizing commander to read and incorporate the strategy, recommendations, and 360 Day Road to War (time line) that are outlined in this Mobilizing Safety Guide. Follow this guide as it will equip you with the tools necessary to build a successful safety program. Furthermore, it is your responsibility to develop and maintain effective safety programs that will safeguard your Soldiers and equipment.

2. First Army Division East Commanders: I expect you to assist, coach, and mentor your fellow deploying commanders. Incorporate the appropriate time into the training plan to help them build and enhance their safety programs to ensure they are prepared to deploy. On page 9 of this guide, you will find information outlining our three-day safety program management training that our division safety team will provide to the mobilizing brigade safety teams. This training, for the Brigade Safety OIC and each of the battalion and company Additional Duty Safety Officers / Additional Duty Safety Noncommissioned Officers, will be conducted and incorporated within the first three weeks of the post mobilization training at the Mobilization Training Center.

Train for Combat!


KEVIN R. WENDEL
Major General, US Army
Commanding

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1) Introduction

From 12 September 2001 through 21 December 2011, ground accidents, involving Army military personnel, during OEF, OIF, and OND have claimed **440** lives. Additionally, another **4,924** personnel have incurred injuries, ranging from minor wounds to permanent total disability. Realizing that these accidents and fatalities could have been prevented; it is imperative that Mobilizing Brigades have and implement a viable and proficient safety program to combat these unnecessary losses. This document outlines the resources, relations, and core components needed for an effective safety program.

U.S. Army Accident Information							
OEF, OIF, and OND Accident Loss Summary							
12 September 2001 through 20 December 2011							
OEF						Injury Count*	
Enduring Freedom	Class A	Class B	Class C	Class D	Total	Fatal	Non-Fatal**
Aviation	71	63	174	112	420	64	73
Ground	81	49	562	303	995	73	635
Total	152	112	736	415	1,415	137	708
OIF						Injury Count*	
Iraqi Freedom	Class A	Class B	Class C	Class D	Total	Fatal	Non-Fatal**
Aviation	92	149	428	194	863	73	82
Ground	438	343	3,995	1,558	6,334	364	4,132
Total	530	492	4,423	1,752	7,197	437	4,214
OND						Injury Count*	
New Dawn	Class A	Class B	Class C	Class D	Total	Fatal	Non-Fatal**
Aviation	2	2	11	13	28	0	1
Ground	5	14	160	156	335	3	157
Total	7	16	171	169	363	3	158
OEF, OIF, and OND						Injury Count*	
All	Class A	Class B	Class C	Class D	Total	Fatal	Non-Fatal**
Total	689	620	5,330	2,336	8,975	577	5,080

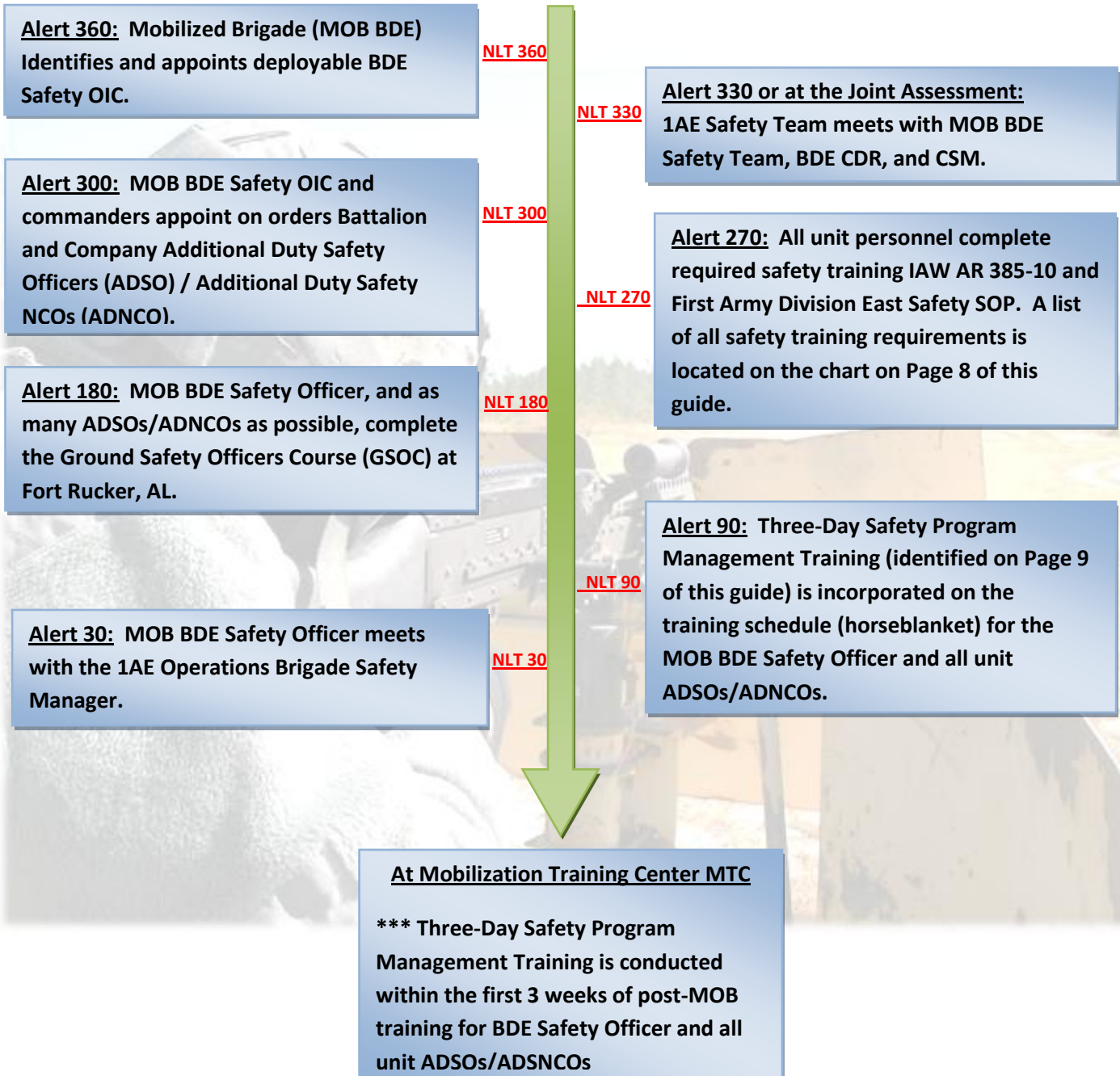
* Army Military Personnel Only

** Nonfatal injuries include: permanent total disability; permanent partial disability; days away from work or training beyond the day or shift on which it occurred or disability at any time; or a nonfatal injury or illness resulting in restricted work, transfer to another job, medical treatment greater than first aid, needle stick injuries, and cuts from sharps that are contaminated from another person's blood or other potentially infectious material; medical removal under medical surveillance requirements of an OSHA standard; occupational hearing loss; or a work-related tuberculosis case. (Reference AR 385-10, 23 August 2007, RAR 14 June 2010)

Enduring Freedom began 11 Sep 2001. Iraqi Freedom began 1 Oct 2002. New Dawn began 1 Sep 2010.
Includes the 25 countries in CENTCOM's AOR plus Turkey, Israel, Syria and the Phillipines.
Includes the 3 phases of the operation: deployment, operation, and redeployment.

R0172 OEF OIF OND Accident Loss Summary	FOR OFFICIAL USE ONLY	21 December 2011 10:06
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2) Brigade Safety Program Alert 360 Day Road to War



3) Alert 360 Brigade Safety OIC

Each **National Guard** Brigade that will not deploy with full-time safety personnel by the TOE/TDA or with a State Occupational Health Manager (SOHM); will appoint an Additional Duty Safety Officer (ADSO). At brigade level, the Additional Duty Safety Officer Position will be a primary duty IAW [NGR 385-10](#), **Para 3-2-C**, and will be referred to as the Brigade Safety Officer.

3.1 BDE Safety Officer

The Mobilizing Brigade Safety Officer should:

- Be appointed in writing at Alert+360.
- Complete the [Additional Duty Safety Officers Course](#) NLT 90 days from appointment.
- Complete the [Ground Safety Officers Course](#) (GSOC) at Alert+180.
- Be this Soldier's primary duty at the brigade level.
- Be an O4 or higher.

*** The Brigade Safety Officer must be deployable.

3.2 BDE Safety Officer Duties and Responsibilities under Titles 32 and 10

Title- 32

- Develop, manage, and maintain a Brigade Safety Program as outlined in [NGR 385-10](#).
- Report accidents through the Reserve Component Automation System (RCAS) Advanced Information Technology System (AITS).
- Attend GSOC NLT Alert +180.
- Report program status of safety program as outlined in NGR [NGR 385-10](#) to SOHM, courtesy copy Division East Safety Office michael.c.sabatini.mil@mail.mil and dale.m.wagner@us.army.mil at Alert +180, +120, +90, +60, and 30.

Title-10

- Incorporate requirements outlined in [AR 385-10](#).
- Report safety program status to the Division East Safety Office at michael.c.sabatini.mil@mail.mil and dale.m.wagner@us.army.mil.
- Report accidents and near misses to the Training Support Brigade (TSB) Safety Manager or OIC/NCOIC.
- Report all class C accidents to TSB Safety Manager or OIC/NCOIC within 4 hours.
- Report class A and B accidents immediately to the TSB Safety Manager or OIC/NCOIC.
- Coordinate with the First Army Division East Training Brigade Safety Manager to get your unit UICs added to their REPORT IT hierarchy so that your unit can record and submit accident reports online at <https://reportit.safety.army.mil>

3.3 Ground Safety Officer Course

Course Description: Ground Safety Officer Course (GSOC): Produces the skills necessary to establish safety qualified Additional Duty Safety Officers for the ARNG and USAR. Included in the course curriculum is training in: Composite Risk Management, Explosives Safety Management, Accident Investigation and Reporting, Range Safety, OSHA 511. Completion of the training will award ARNG and USAR students with an Officer Skill Identifier (SI) or a Warrant Officer and Enlisted Additional Duty Skill Identifier (ASI).

Duration: The training is offered as a six-week resident course, or two-year phased training. The training is offered as a six-week resident course, or two-year phased training. Students are required to complete a series of prerequisite on-line courses before attending the six-week resident training. The phased training encompasses four phases of training that must be completed over a two year period. The first and third phases are on-line prerequisite courses. The second and fourth phases consist of 3 weeks of resident training. Due to time constraints, the BDE and BN Safety Officers should utilize the 6 week course.

How to apply:

ARNG personnel contact the ARNG Safety Office at DSN 327-7730 or Commercial (703) 607-7730.

Funding: Training is funded by the ARNG and USAR and they have priority on ATRRS seat availability.

Course dates can be found at:

Link: <https://safety.army.mil/training/GROUNDSAFETYOFFICERCOURSE/tabid/435/Default.aspx>

4) Required Training and Support

Required Training	Reg	Note	Link
6Q-F12 GROUND SAFETY OFFICER COURSE (GSOC)	NGB	Brigade Safety Officer and NCO must attend GSOC Course. Complete NLT M-60.	http://atrrs.army.mil/
2G-F95_DL Additional Duty Safety Officer Course (ADSC)	AR 385-10, Para 10-7, PG 48	1) Complete within 30 Days of Appointment for Active duty, 90 Days for Guard or Reserve Unit safety officer course. (16 Hour Course) 2) BN to Company Additional Duty Safety Officer and Additional Duty Safety NCO must complete course M-90. 3) E-6 and above must complete regardless of duty position.	https://crc.learn.army.mil
2G-F94V3.1 Command Safety Course (CSC)	AR 385-10, Para 10-6, PG 48	1) Company grade officers must complete the CSC prior to assuming command. 2) E-8 and above must complete regardless of duty position. (8 Hour)	https://crc.learn.army.mil
2G-F97_DL Composite Risk Management Basic Course	DA Memo, Completion of CRM, DTD 2APR02	1) All Soldiers will complete CRM Basic 2) In Lue of CRM Basic is -ADSC -CSC - CRM Operation Course -CP12 -CRM Basic Combat Training -CRM Tactical Course -Aviation	https://crc.learn.army.mil
2G-F104_DL Composite Risk Management Civilian Basic Course	DA Memo, Completion of CRM, DTD 2APR02	1) All Army Civilians will complete CRM Basic 2) In Lue of CRM Basic is -ADSC -CSC - CRM Operation Course -CP12 -CRM Basic Combat Training -CRM Tactical Course -Aviation	https://crc.learn.army.mil
Accident Avoidance Course	AR 385-10, Para 11-7, PG 56	Anyone who operates an AMV will have first completed the online accident avoidance course as part of licensing procedures.	https://crc.learn.army.mil



Brigade Safety Officer and ADSO Training Support

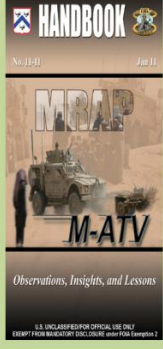
The division safety team is available and will provide a three-day safety program management training class, to the mobilizing brigade safety team, which includes: development and management of an effective safety program, the core components of tactical safety, accident prevention, accident reporting, and basic accident investigation techniques and procedures.

The mobilizing unit must be willing to accommodate the division safety team by providing three consecutive days to be incorporated into their training schedule at the Mobilization Training Center (MTC) for the brigade safety officer and all additional duty safety officers / safety NCOs from each subordinate unit to attend training.

Additionally, the First Army Division East Operations Brigades will allot three consecutive days (scheduled in the horseblanket) at the beginning of the mobilization cycle for the mobilizing unit to complete this safety program management training.

<h3>WHY DEVELOP A SAFETY PROGRAM</h3>	<p>1. Path of M978 HEMTT Fuel Truck. Driver attempted to stay on narrowing asphalt rather than straddling the drop-off like the two lead vehicles.</p>  <p>Solid Orange Line Represents 7-10' Drop Off</p> <p>Skid Marks from Vehicle behind</p> <p>7.5 Feet</p> <p>12 Feet</p> <p>M978 wheelbase is 7.7 Feet</p> <p>Red Arrow denotes the Path of M978 HEMTT Fuel Truck. The vehicle used the HESCOs as Ramp to Initiate the Rollover.</p>
<h3>HOW TO DEVELOP A SAFETY PROGRAM</h3>	<h3>STEP 1: Build Your Safety Toolbox</h3> <ul style="list-style-type: none">➤ TMs, ARs, Technical Bulletins, Briefings, Classes, Alerts, etc.➤ Shop for products/resources on classified & unclassified unit websites➤ Share with other Safety Professionals➤ Ask other Safeties in your unit for products➤ Use staff sections within your units – medics, mental health, motorpool, etc.➤ Work smarter, not harder!➤ Be creative; find a new way! 

MRAP Safety



MRAP Safety Awareness

Purpose

To make leaders and crew members aware of the most common MRAP hazards and potential controls to eliminate or mitigate them.

PRE-COMBAT INSPECTIONS

1. VISUAL CHECKS:

1. Inspect for correct fuel tank location
2. Inspect for correct fuel tank quantity
3. Inspect for correct fuel tank type
4. Inspect for correct fuel tank location
5. Inspect for correct fuel tank quantity
6. Inspect for correct fuel tank type
7. Inspect for correct fuel tank location
8. Inspect for correct fuel tank quantity
9. Inspect for correct fuel tank type
10. Inspect for correct fuel tank location
11. Inspect for correct fuel tank quantity
12. Inspect for correct fuel tank type
13. Inspect for correct fuel tank location
14. Inspect for correct fuel tank quantity
15. Inspect for correct fuel tank type

2. ASSISTANT CONDUCTOR CHECKS:


1. Inspect for correct fuel tank location
2. Inspect for correct fuel tank quantity
3. Inspect for correct fuel tank type
4. Inspect for correct fuel tank location
5. Inspect for correct fuel tank quantity
6. Inspect for correct fuel tank type
7. Inspect for correct fuel tank location
8. Inspect for correct fuel tank quantity
9. Inspect for correct fuel tank type
10. Inspect for correct fuel tank location
11. Inspect for correct fuel tank quantity
12. Inspect for correct fuel tank type
13. Inspect for correct fuel tank location
14. Inspect for correct fuel tank quantity
15. Inspect for correct fuel tank type

3. CREW CHECKS:

1. Inspect for correct fuel tank location
2. Inspect for correct fuel tank quantity
3. Inspect for correct fuel tank type
4. Inspect for correct fuel tank location
5. Inspect for correct fuel tank quantity
6. Inspect for correct fuel tank type
7. Inspect for correct fuel tank location
8. Inspect for correct fuel tank quantity
9. Inspect for correct fuel tank type
10. Inspect for correct fuel tank location
11. Inspect for correct fuel tank quantity
12. Inspect for correct fuel tank type
13. Inspect for correct fuel tank location
14. Inspect for correct fuel tank quantity
15. Inspect for correct fuel tank type

COMBAT OPERATIONS

Composite Risk Management



Composite Risk Management

FM 9-19

Headquarters
DEPARTMENT OF THE ARMY

Category of risk	1. Identify the risk	2. Assess the risk	3. Develop a risk management strategy	4. Implement the strategy	5. Monitor the risk	6. Review the risk
Extremely high risk	General officer	General officer	General officer	General officer	General officer	General officer
High risk	Brigade CO or equivalent	Brigade CO or equivalent	Brigade CO or equivalent	Brigade CO or equivalent	Brigade CO or equivalent	Brigade CO or equivalent
Moderate risk	Company CO or equivalent	Company CO or equivalent	Company CO or equivalent	Company CO or equivalent	Company CO or equivalent	Company CO or equivalent
Low risk	Platoon CO or equivalent	Platoon CO or equivalent	Platoon CO or equivalent	Platoon CO or equivalent	Platoon CO or equivalent	Platoon CO or equivalent

USFOR-A Products

SAFETY ALERT SAFETY ALERT

IMPROPER AMMUNITION AND EXPLOSIVES STORAGE

USFOR-A EXPLOSIVES SAFETY DSM: 318-449-4028 (Rabat)

SAFETY ALERT SAFETY ALERT

SAFETY INSPECTIONS CONTINUE TO REVEAL SERIOUS ELECTRICAL POWER SYSTEM DEFICIENCIES

USFOR-A SAFETY DSM: 318-449-4028 (Rabat)

FATALITY

A RECENT FIRE IN AFGHANISTAN RESULTED IN THREE SERVICE MEMBER'S FATALITIES

IN JULY 2011, three service members perished when they consumed their living quarters. The fire broke out and quickly spread throughout the structure, as service members were located inside their respective living quarters. Potential for a fatality is increased when Fire Prevention and/or Fire Protection is not properly addressed. Proper attention could prevent conditions from creating a similar tragedy.

NOW IS A GOOD TIME TO ASSESS YOUR FIRE READINESS!!

Fire protection requires defense in depth:

- Safety Review of Facility Plans
- Good Housekeeping
- Fire Alarms (when possible)
- Fire Drills
- Fire Extinguishers
- Clear Exit Paths
- Exit Panic Hardware (when possible)
- Develop and Test Pre-Accident Plan

"Safety is integral to the Warrior"

USFOR-A Safety Office: DSM 318-449-4028 USFOR-A Fire Chief: DSM 318-449-4028

USFOR-A Products – Safety Trends

CJ17-101 Safety Trends

July 2010-January 2011

RC-East COP and FOB visits

CPT Ron McKinney

- Ammunition Storage
- Fuel Safety
- Electricity
- Electrical Generation
- Fire Prevention
- Housing safety


Ammunition Safety

- Ammunition Holding Area (AHA) construction techniques poor – overhead cover
- Ammunition lot number inventory not maintained
- Poor ammunition storage practices: on floor, no air space, not stored in original packaging
- Ammunition not segregated by DODIC and lot number
- Taping pull pins and spacers of hand grenades
- Missing or unserviceable fire extinguishers present

Fuel Safety

- No qualified 92F Petroleum Specialist available
- Lack of Personal Protective Equipment (PPE) i.e. rubber gloves, face shield, apron
- Fuel leaks and broken equipment
- Missing secondary containment resulting in soil contamination
- No grounding on pump or transfer areas
- Limited coverage or missing fire extinguishers

Fire and Electrical Safety



A First-Line Supervisor's Safety Inspection Guide for Deployed Living and Work Areas

Power Strip Work Sheet

PROTECT YOUR INVESTMENT

INSPECTION CHECKLIST

FIRE SAFETY ALERT FIRE SAFETY ALERT

THEIR SOLUTIONS ARE WORKING! YOU ARE TOO, IF YOU USE:

- SOURCE MAINTENANCE
- STEP-BY-STEP
- PHOTOGRAPHS
- CHECKLISTS
- IN ANY LIVING AREA

USFOR-A FIRE SAFETY

COMMANDER ATTENTION REQUIREMENTS

FOR THE READY MAINTENANCE CHECKS REQUIRED:

USFOR-A FIRE SAFETY

FOR THE READY MAINTENANCE CHECKS REQUIRED:

Accident Reporting and Investigation

AGAR

Abbreviated Ground Accident Report

Use and Preparation Guide

APRIL 2011

ARMY ACCIDENT CLASSIFICATION CHART

REPORT IT

Accident Investigator's Handbook

General Initial Notification Checklist

REPORT IT

5) Mobilizing BDE Safety Program Core Components and Support Review

Core Components

See our Division East Safety AKO Shared folders for products and resources at:

<https://www.us.army.mil/suite/files/9620770>

- **Composite Risk Management (CRM)**
 - FM 5-19 (CRM Process)
 - DA Pam 385-30 (Mishap Risk Management) (risk acceptance authority)
 - Ground Risk Assessment Tool (GRAT) (on Combat Readiness/Safety Center (CRC) Website)
 - CRM Basic Course (access through ALMS on CRC Website)
 - Risk management cards for Soldiers
 - Individual Risk Assessment
 - Individual Safety Card [GTA 05-08-012](#)
 - Battle Buddy Risk Assessment
 - Leaders Risk Assessment
 - Three Tier CRM process
 - CRM Worksheet for Overall Operations (Examples)
 - Leaders Guide to Risk Management
 - CRM Examples from previous missions

- **Weapons safety**
 - Range and Weapons Safety Toolbox (CRC Website)
 - GTA's for all weapons
 - Safety Videos/Vignettes
 - Posters
 - Safety messages and alerts
 - Lessons learned
 - Muzzle orientation
 - Green/Amber/Red Weapons status
 - Negligent discharges
 - Target Identification
 - Weapons Clearing procedures (clearing barrels at ECP's, DFAC's, MWR locations)
 - Weapons Test Firing (ECP's and Ranges)
 - Range Safety procedures on FOBs
 - Safety Center resources and tools online
 - Correct performance of Immediate Action drills

- **Tactical Vehicle Safety**
 - MRAP Safety: <https://safety.army.mil/MRAP>
 - GTA on Rollover procedures and Egress
 - Variants brief
 - Videos
 - Handbooks
 - Training Circulars
 - MRAP Safety Analysis Article NOV 07- AUG 09
 - MRAP Safety Awareness Brief
 - MRAP Safety Best Practices (CALL article)
 - Improved Gunner Restraint System (IGRS)
 - GPA 12-003, Operational, Implementation of Improved Gunners Restraint System (IGRS) retrofit kit
 - SOUM TACOM LCMC # 10-008
 - SOUM TACOM LCMC #09-013
 - 4 point harness seatbelts
 - Load plan tie downs (MRAP Handbook examples)
 - Drivers Training/Role of the Master Driver
 - Drivers Training Toolbox (CRC Website)
 - Rollover training (HEAT/MET)
 - Video
 - Rollover Drills (GTA 07-09-001)
 - Convoy Safety Briefs (examples)
 - PCC/PCI checklists (examples)
 - ACH wear
 - ACH Recall information
 - Body Armor
 - Recalled SAPI plate stock numbers (front and back plates)
 - Protective Eyeware
 - Earplugs
 - Ground Guiding Procedures (when applicable, METT-TC dependent)
 - Safe Driving Practices
 - Drivers Training Toolbox (CRC Website)
 - Speed
 - Driving at night and during periods of limited visibility (sand storms)
 - Driving on canal roads near water
 - Driving near low-lying electrical lines
 - MRAP Strike protection

- **Convoy Safety**
 - Convoy Security Missions
 - Red Air Package (during times of sandstorms/limited visibility)
 - Scheduling convoys behind route clearance teams
 - Aviation section coordination with ground convoys for security
 - IED awareness/safety information

- **Laser Safety**
 - Class IIIb lasers identification and proper use
 - Center for Health Promotion and Preventive Medicine (CHPPM) Briefing
 - Safety Alerts (yellow hash message from Iraq)
 - Injury statistics

- **Ammunition and Explosives Safety**
 - Ammunition and Explosives Accountability
 - Tactical Explosives Safety Quick Reference Guide (15 DEC 11)
 - Proper Handling
 - Proper Storage procedures when returning to FOB from Missions/ Storage safe distances
 - Central and localized AHAs
 - FOG Grenade handling
 - M67 Grenade “Confidence Clip”
 - Amnesty program
 - UXO marking and reporting

- **Fire Safety**
 - Unit Fire Marshalls and Inspection Checklists
 - Tents
 - Proper smoking areas/safe distances from tents/CHU’s/structures
 - Smoke Alarms
 - Fire Extinguishers
 - Monthly checks
 - Employment instructions
 - Real versus fake fire extinguishers
 - Structure evacuation plans

- **Electrical Safety**
 - Containerized housing units (Soldier Living quarters)
 - TF SAFE
 - Background information on Task Force Safe
 - Electrical Safety Video on multimedia video library
 - Reporting Hazards to Mayor cell/contractors
 - Electrical Infrastructure in Afghanistan (220 VAC)
 - Proper use of power strips (UL/CE certifications embedded)
 - No Daisy chaining
 - No Chinese made power strips
 - Power strip load worksheet (amp/voltage worksheet)
 - Electrical safety video presentation for theater
 - Safe practices for use of Generators/power washers
 - Bonding/Grounding (leaving work to professionals)
 - Fuel Points

- **Heat Injury Prevention**
 - Heat injury Risk Management matrix
 - Heat Injury prevention cards for leaders to monitor Soldiers
 - Fluid replacement and work/rest guide
 - Diet information

- **Accident Reporting Information**
 - Class A through D accident classification criteria
 - DA Form 7306 (Telephonic notification)
 - DA PAM 385-40
 - DODI 6055.7
 - Accident Investigators Handbook
 - AGARs
 - **REPORT IT** (IAW ALARACT 371/2011)
 - Class A and B Accident Investigations and Boards (responsibilities)
 - Board orders example
 - Investigation board toolkit
 - POC's (phone numbers/e-mail addresses/ help lines)
 - Risk Management Information System (RMIS) Registration and Access

- **Combat Life Saver**
 - Training and Certification information
 - <https://www.cs.amedd.army.mil/clsp/login.aspx#>
 - Identification of CLS Certified Soldiers
 - Medical boxes in LSA's
 - MASCAL planning and coordination with Garrison HQ in FOBs

- **Pedestrian safety**
 - Crosswalks
 - Side walks
 - Movement during night and limited visibility (sand storms) near roads and Living Sustainment Areas (LSAs)

- **Safety Awards**
 - Unit/Individual awards criteria/recommendation example memos and POCs
 - Accident prevention recognition

- **Indirect Fire**
 - Safety procedures if attacked on FOB
 - Sirens/warning system
 - Ground procedures
 - Bunkers
 - Accountability