

# FIRE PREVENTION AND SAFETY IN THE HOME



Adapted from CW2 BILL GUNNETT, United States Army

1

## FIRE PREVENTION AND SAFETY IN THE HOME

### FIRE BASICS

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- ◆ HEAT
- ◆ FUEL
- ◆ OXYGEN

REMOVE THE FUEL, CUT OFF THE OXYGEN SUPPLY,  
OR COOL THE TEMPERATURE OF THE FIRE.

2

## HOW FIRE KILLS

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- ◆ SUFFOCATION
- ◆ SMOKE AND POISONOUS GASES
  - 4 COMMON
- ◆ HEAT

## SMOKE DETECTORS

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- ◆ THE FIRST LINE OF DEFENSE
- ◆ ON EVERY LEVEL OF YOUR HOME,  
INCLUDING THE BASEMENT
- ◆ OUTSIDE OF EACH SLEEPING AREA

## TYPES OF SMOKE DETECTORS

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- ▶ BATTERY POWERED
- ▶ HOUSEHOLD ELECTRIC POWERED
- ▶ IONIZATION SENSOR
- ▶ PHOTO-ELECTRIC SENSOR

UL TESTED

5

## SMOKE DETECTOR MAINTENANCE

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- ▶ BATTERIES
- ▶ TESTING
- ▶ CLEANING
- ▶ REPLACEMENT

6

## EDITH

### EXIT DRILLS IN THE HOME

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#### DRAW A FLOOR PLAN OF YOUR HOME

- ◆ BE THOROUGH
- ◆ 2 ROUTES, PRIMARY AND ALTERNATE
- ◆ SECOND STORY ROUTES
- ◆ REVISE THE PLAN

## EDITH

### EXIT DRILLS IN THE HOME

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#### KEEP ESCAPE ROUTES CLEAR

- ◆ WINDOWS OPEN EASILY
- ◆ OBSTACLES
- ◆ ROOFS, BALCONIES, ESCAPE LADDERS
- ◆ SECURITY BARS

## EDITH

### EXIT DRILLS IN THE HOME

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#### MEETING PLACE

- ◆ ONE LOCATION
- ◆ IN FRONT OF THE HOUSE

**GET OUT AND STAY OUT!!!**

## EDITH

### EXIT DRILLS IN THE HOME

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#### CONTACT THE FIRE/POLICE DEPT

- ◆ 911 OR UT Dallas Police at 972-883-2331
- ◆ IDENTIFY YOUR HOME

SEND ONE PERSON TO CALL AFTER  
YOU GATHER AT THE MEETING PLACE

## EDITH

### EXIT DRILLS IN THE HOME

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#### CHILDREN

- ◆ NO WHERE TO HIDE
- ◆ DON'T WAIT

## EDITH

### EXIT DRILLS IN THE HOME

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#### EXIT DRILLS EVERY 6 MONTHS

- ◆ PRACTICE
- ◆ UNANNOUNCED
- ◆ REALISTIC
  - ◆ AT NIGHT
  - ◆ NO LIGHTS

## SURVIVAL TIPS

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- ◆ THE SOUND OF THE SMOKE ALARM
- ◆ BEDROOM DOORS CLOSED
- ◆ TEST DOORS
- ◆ USE WINDOWS
- ◆ CRAWL UNDER SMOKE
- ◆ STOP, DROP, AND ROLL
- ◆ SPECIAL CONSIDERATIONS

## MAJOR HOME FIRE HAZARDS

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- ◆ COOKING
- ◆ SMOKING
- ◆ HEATING APPLIANCES
- ◆ ARSON
- ◆ ELECTRICAL SYSTEMS AND EQUIPMENT
- ◆ OPEN FLAMES
- ◆ FLAMMABLE AND COMBUSTIBLE LIQUIDS
- ◆ PLAYING WITH FIRE

## COOKING

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- ◆ LEADING CAUSE OF HOME FIRES
- ◆ STOVE BURNERS, OVENS, MICROWAVES
- ◆ COUNTERTOP APPLIANCES
  - ◆ TOASTERS, COFFEE MAKERS, HOT PLATES
  - ◆ DON'T OVER LOAD OUTLETS
- ◆ 40% OF FATAL COOKING FIRES OCCUR WHEN THE VICTIMS ARE ASLEEP

## COOKING

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- ◆ GREASE FIRES
  - ◆ COVER PAN WITH A LID
  - ◆ TURN OFF THE BURNER
  - ◆ NEVER POUR WATER ON A GREASE FIRE

## COOKING

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- ◆ OVEN FIRES
  - ◆ CLOSE THE DOOR
  - ◆ TURN OFF THE OVEN
- ◆ MICROWAVES
  - ◆ CLOSE THE DOOR
  - ◆ TURN IT OFF

## COOKING

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**TURN POT HANDLES IN !!!!!!!**

POTS CAN'T BE KNOCKED OVER OR PULLED  
DOWN BY SMALL CHILDREN

## COOKING

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- ♦ DON'T LEAVE COOKING UNATTENDED
- ♦ KEEP APPLIANCES CLEAN
- ♦ WEAR CLOSE FITTING SLEEVES
- ♦ KEEP FLAMMABLE OBJECTS AWAY
- ♦ HEAT OIL SLOWLY
- ♦ KEEP CHILDREN AWAY FROM STOVE

19

## COOKING

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- ♦ FIRE EXTINGUISHERS
- ♦ EFFECTIVE FOR SMALL, CONTAINED FIRES
- ♦ KNOW HOW TO USE IT
- ♦ KEEP IN AN ACCESSIBLE PLACE
- ♦ HAVE THE RIGHT TYPE (B-C)

20

## COOKING

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### FIRST AID FOR BURNS

- RUN COOL WATER FOR 10 TO 15 MINUTES
- DON'T APPLY BUTTER OR OTHER GREASES

## SMOKING

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- ◆ ITS BAD FOR YOU, ASK THE SURGEON GENERAL
- ◆ LEADING CAUSE OF FIRES THAT RESULT IN DEATH
- ◆ USE AND EMPTY ASHTRAYS
- ◆ CHECK FOR SMOLDERING BUTTS (AFTER PARTIES)
- ◆ DON'T SMOKE IN BED

## HEATING APPLIANCES

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- ◆ SPACE HEATERS
- ◆ UL LABEL
- ◆ USE PROPER FUEL
- ◆ GIVE SPACE HEATERS SPACE
  - 3 FEET FROM COMBUSTIBLE MATERIALS AND WALLS
- ◆ CARBON MONOXIDE DETECTORS

## HEATING APPLIANCES

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- ◆ FIRE PLACES
- ◆ CREOSOTE
- ◆ CHIMNEY CLEANED AND INSPECTED AT LEAST ONCE A YEAR
- ◆ MAKE SMALL FIRES
- ◆ USE A FIREPLACE SCREEN
- ◆ DON'T BURN TRASH OR PAPER
- ◆ DON'T USE THE "BOYSCOUT" FIRE STARTER (GAS)

## ELECTRICAL SYSTEMS AND EQUIP

- ◆ GOOD WORKING ORDER
- ◆ ONLY FOR DESIGNED USE
- ◆ ONLY ONE HEAT PRODUCING DEVICE PER OUTLET
- ◆ EXTENSION CORDS
- ◆ PLASTIC CHILD PROTECTORS
- ◆ CRACKS, FRAYS BROKEN PLUGS, LOOSE CONNECTIONS
- ◆ LAMP SHADES

25

## OPEN FLAMES

- ◆ STABLE HOLDERS
- ◆ DON'T LEAVE UNATTENDED
- ◆ FLASH LIGHTS INSTEAD OF CANDLES

HOT WAX BURNS

26

## LIQUIDS

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- ◆ DON'T STORE GAS IN YOUR HOME
- ◆ OILY RAGS IN METAL CONTAINER
- ◆ NO SMOKING OR OPEN FLAMES
- ◆ APPROVED CONTAINERS

## HOLIDAY SAFETY

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- & CANDLES
- & CHRISTMAS TREE
- & LIGHTS (UL)