

# Glossary

## A

**ABCA allies**— American, British, Canadian, and Australian allies

**active defense measures**— steps taken to find and destroy either the munitions or the delivery systems of an NBC attack.

**ADA**— air defense artillery

**air-ground correlation factor (AGCF)**— the ratio of a dose-rate reading taken at survey height to a ground dose rate taken one meter above the surface.

**APC**— armored personnel carrier

**ARR**— aerial radiological recon

**AWS**— Air Weather Service

## C

**CF**— correlation factor

**CFA**— covering force area

**cGy**— centigray

**cGyph**— centigray per hour

**COMMZ**— communications zone

## D

**dose**— amount of radiation received at any given time.

**dose rate**— amount of radiation emitted from a single source at a specific time.

**D<sub>tb</sub>**— turnback dose

## E

**ECM**— electronic countermeasures

**ECCM**— electronic counter-countermeasures

**electromagnetic pulse (EMP)**— a nonuniform electric field resulting from a nuclear explosion, causing the emission of energy in the form of electromagnetic radiation.

**EW**— electronic warfare

## F

**FDC**— fire direction center

**FEBA**— forward edge of the battle area

**FLOT**— forward line of troops

**FOMET**— fallout meteorological message

**FSE**— fire support element

**FSOP**— field standing operating procedures

## G

**GN**— grid north.

**GMT**— Greenwich mean time

**GRR**— ground radiological recon

**GZ**— ground zero

## H

**half-thickness**— the thickness of any material that reduces the dose rate of gamma radiation to one-half its unshielded value.

**HN**— host nation. Allied nation in which US forces are operating.

## K

**km**— kilometer

**KT**— kiloton

## M

**METT-T**— mission, enemy, terrain, troops, and time available

**MEV**— million electron volts. Used to measure energy levels of radiation.

**minimum safe distance**— distance corresponding to a degree of protection needed to remain in the area.

**MSD**— minimum safe distance

## N

**NATO**— North Atlantic Treaty Organization

**NAV EDM**— US naval effective downwind message

**NBC**— nuclear, biological, and/or chemical

**NBCC**— NBC center

**NBCWRS**— NBC Warning and Reporting System

**NF**— normalizing factor

**NIGA**— neutron-induced gamma activity

## O

**OCF**— overall correlation factor

**OEG**— operational exposure guidance

**OPSEC**— operational security

**OPORD**— operational order

**OPLAN**— operations plan

**OPCON**— operational control

**P**

**passive defense measures**— measures taken to reduce possibilities of (or effects of) NBC attack  
**POW**— prisoner of war

**R**

**RES**— radiation exposure status  
**R<sub>th</sub>**— tumbback dose rate  
**RADIAC**— radiation detection, identification, and computation  
**rainout**— see washout

**S**

**SALUTE**— size, activity, location, unit, time, equipment  
**shielding**— protection from gamma rays and Xrays by use of dense materials such as metal, concrete, or certain soils.  
**SIGSEC**— signal security  
**SITREP**— situation report  
**SOP**— standing operating procedures  
**STRIKWARN**— warning of a friendly force's nuclear strike

**T**

**TARR**— time of arrival  
**Tcomp**— time of completion

**TF**— transmission factor

**TOB**— time of burst

**total dose**— total amount of radiation received

**T<sub>p</sub>**— projected in time (time of validity)

**transmission factor**— measure of the degree of shielding afforded by a structure, vehicle, fortification, or a set of specified shielding conditions.

**TREE**— transient radiation effects on electronics

**U**

**universal transverse mercator**— meridians and parallels of latitudes appearing as lines crossing at right angles.

**USMC**— US Marine Corps

**USMTF**— US message text format

**UTM**— universal transverse mercator

**V**

**VCF**— vehicle correlation factor

**W**

**washout/rainout**— the removal of radiological fallout particles from the air by precipitation passing through the radiation (cloud).