

PLAYERS' MANUAL



TWILIGHT: 2000

ROLEPLAYING IN THE WORLD WAR III THAT NEVER WAS

GAME DIRECTOR & LEAD DESIGNER
Tomas Härenstam

LEAD SETTING & SCENARIO WRITER
Chris Lites

LEAD ARTIST
Niklas Brandt

GRAPHIC DESIGN
Christian Granath

COVER ART
Martin Grip

MAPS
Tobias Tranell, Niklas Brandt

CO-PUBLISHER
Angus Abranson / Amargosa Press

BRAND MANAGEMENT
Marc Miller / Game Designer's Workshop

ADDITIONAL WRITING
Chris Keeling, Anders Fager, Nils Hintze, Thomas
Römer, Mathieu Saintout, Dave Semark

ADDITIONAL ART
Gustaf Ekelund, Jarek Kubicki

PROOFREADING
Brandon Bowling

MILITARY CONSULTANTS
Chris Keeling, Mark Brien, Pedro J. Deyo, Frank Frey,
Edgardo A. Montes Rosa, Jacob Torgerson

FEEDBACK & PLAYTESTING
Simon Andersson, Adam Attley, Marco Behrmann, Antonio Borderia Giner, Charlotte Hamilton, Nils Karlén,
Matt Kay, Kosta Kostulas, Alex Mayo, Daria Pilarczyk, Daniel Stjernlöf, Edward Stitson, Adam Wiczorek

01



YOU'RE ON YOUR OWN NOW	5
TWILIGHT: 2000	7
WHAT DO YOU DO?	8
THE GAME SETTING	9
CAMPAIGN FRAMEWORKS	10
STARTING THE GAME	11
TOOLS OF THE GAME	11
WHAT IS A ROLEPLAYING GAME?	11

02



PLAYER CHARACTERS	13
NATIONALITY	14
BRANCH	15
ATTRIBUTES	15
HIT AND STRESS CAPACITY	16
SKILLS	16
SPECIALTIES	16
COOLNESS UNDER FIRE	16
UNIT MORALE	16
MORAL CODE	17
BIG DREAM	17
YOUR BUDDY	17
HOW YOU MET	17
APPEARANCE	17
NAME	17
GEAR	17
VEHICLE	18
ENCUMBRANCE	19
RADIATION	19
ARCHETYPE METHOD	20
THE CIVILIAN	22
THE GRUNT	23
THE GUNNER	24
THE KID	25
THE MECHANIC	26
THE MEDIC	27
THE OFFICER	28
THE OPERATOR	29
THE SPOOK	30
LIFEPATH METHOD	32

03



SKILLS & SPECIALTIES	41
ROLL THE DICE	42
PUSHING YOUR ROLL	43
GROUP ROLLS	43
MODIFIERS	43
OPPOSED ROLLS	45
NPCS AND SKILLS	45
GEAR	46
THE SKILLS	46
SPECIALTIES	47

04



COMBAT & DAMAGE	51
BATTLE MAPS	52
ROUNDS & INITIATIVE	52
SLOW & FAST ACTIONS	53
TERRAIN & VISIBILITY	55
FOOT MOVEMENT	57
AMBUSH	58
SOCIAL CONFLICT	58
CLOSE COMBAT	59
RANGED COMBAT	61
EXPLOSIONS	65
HEAVY WEAPONS	67
DAMAGE	69
CRITICAL INJURIES	71
STRESS	75
CONDITIONS	76
FALLING	76
DROWNING	76
FIRE	76
CHEMICAL WARFARE	77
RADIATION	78
DISEASE	79
VEHICLE COMBAT	79

05



WEAPONS, VEHICLES & GEAR	87
TRADE	88
DAMAGE TO GEAR	89
SCAVENGING FOR PARTS	89
JURY RIGGING	89
WEAPONS	90
VEHICLES	113
GEAR	125
WEAPONS GEAR	125
COMMUNICATIONS	
GEAR	125
OBSERVATION GEAR	127
PROTECTIVE GEAR	127
MEDICAL SUPPLIES	128
TOOLS & SPARE	
PARTS	128
FUEL & STILLS	128
ELECTRICITY	129
EXPLOSIVES	129
FOOD & DRINK	129
FIELD GEAR	129

06



TRAVEL	131
TRAVEL MAPS	132
SHIFTS OF THE DAY	132
MARCHING	134
DRIVING	134
KEEPING WATCH	137
SCROUNGING	137
FORAGING	140
HUNTING	140
FISHING	141
MAKING CAMP	141
COOKING	142
RESTING	143
SLEEPING	143
EXPLORING	143
CITY TRAVEL	143
WATER TRAVEL	143

07



THE WORLD AT WAR	145
THE ROAD TO WAR	146
POLAND	149
SWEDEN	153
OTHER COUNTRIES	157





01 YOU'RE ON YOUR OWN NOW

Kalisz. Shit. We're still only in Kalisz. We need to get out of here. Fast. The artillery barrages are getting closer. The Soviets will be here soon. Sarge says we move out after dark. I'm not sure we'll last that long.

We were cav scouts, mechanized reconnaissance. Our life expectancy in combat was about two minutes. Most of us didn't even last that long. We never saw the enemy coming. When the Division HQ started shouting over the radio, it was already too late. The tanks of the Soviet 6th Guards Motor Rifle Brigade hit them hard at dawn, five clicks north of Kalisz.

The proud US 5th Mechanized Infantry Division now just a band of scattered stragglers, spread out all over hell. Running for our lives. Dying in the Polish dirt, which had been cratered and irradiated by tactical nukes from both sides.

Not that we were a particularly grand bunch when this operation started. A ragtag gang of jolly green giants, walking the Earth with guns. Soldiers. Not just Americans — in our ranks we had Poles, Czechs, Germans, you name it. Even civilians. Hell, by the end we'd take in anyone who had a gun and knew which way to point it.

The command and supply chains broke down back in '98, when the US and Soviet naval forces obliterated each other on the high seas of the North Atlantic and the air resupply collapsed. After that, our forces over here in Europe were stranded. Living off the land. Falling apart.

When we first heard about Operation Reset, we couldn't believe it. The first major offensive by NATO forces in Europe in over a year. The order was to link up with other US forces under III Corps and push our way to Warsaw, or what's left of it. We weren't told why. Some said it was a last hurrah, a final try to save the world as we knew it. We didn't care. We just knew it was a Hail Mary, a desperate gamble in the most desperate of times. And maybe, just maybe, a chance to find a ride home.

It was no surprise that it went to hell. Most things have in the last few years.

Some say it didn't have to be this way. Some say history could have taken a different turn. If the Soviet Union had collapsed back in '91 when it was on the ropes. If the Gang of Eight coup against Gorbachev had failed, the world would have looked very different today. Some say. I think it's bullshit. This storm was always coming, sooner or later.

It doesn't matter anymore, anyway. Now, all that matters is to survive each day.

It's all up to us now. Our squad. Jonesy. Diaz, driving the M113. That Polish girl Kasia. The men and women around me. No one else will come to our rescue. The final words from division HQ, before they signed off for good, left little doubt.

"You're on your own now."

TWILIGHT: 2000

TWILIGHT: 2000 is a roleplaying game about survival in mankind's most desperate hour. In the year 2000 of a history that took a different turn from our own, the world is ravaged by war.

Yet, in this very bleak world, there is still hope. Mere survival is not enough. In the midst of utter destruction, you can start to build something new. Rally more people to your ranks. Stake a claim and protect it. And maybe, if you live long enough, start turning the tide.

THE PLAYERS

Each player in this game except one takes the role of a player character (PC). It might be a soldier from the now scattered US forces in Europe, but it can also be a soldier of another nationality, or even a civilian. More on that below. In the fallen world of **TWILIGHT: 2000**, it doesn't matter where you come from. It's your actions from this day forward that will define who you are.

You decide what your PC thinks and feels, what they say and do – but not what happens to them. It's your job as a player to portray your PC and imagine yourself in their boots. They are a person with feelings and dreams, just like yourself. Try to imagine – how would you react if you were in their place? What would you do?

The player characters are always the protagonists of the story. The game is about you. Your decisions, your story.

THE REFEREE

The final player is the Referee. They describe the world of **TWILIGHT: 2000** to you. They portray all the people you meet during your travels – be it hostile military forces, preying marauders, hungry civilians or stragglers like yourselves. All of these people are called non-player characters, or NPCs for short.

The game is a conversation between the players and the Referee, back and forth, until a critical situation arises where the outcome is uncertain. Then it's time to break out the dice – read more about this in chapter 3.

It is the Referee's job to put obstacles in your path and challenge your PCs, forcing them to show what they're really made of. But it is not up to the Referee to decide



what happens in the game – and above all, not how your story is supposed to end. That is decided in the game. That is why you are playing the game, to find out how your story ends.

Make sure the players help move the story forward. Being the Referee can feel overwhelming, as if the whole game rests on your shoulders. It doesn't. There are plenty of tools to help you in the Referee's Manual in this boxed set.

WHAT DO YOU DO?

In *Twilight: 2000*, there is no one to hold your hand and show you where to go in a world engulfed by war. It is up to you and the other players to decide where to go, together. The Referee will place encounters, NPCs and tough challenges in your path, but in the end, the stories of this game are created by you. They are not written down beforehand. You have control over your PCs' lives – and there is plenty to do:

STAY ALIVE

Your most immediate goal in *Twilight: 2000* is to survive. You will need to scrounge for food, ammunition and fuel for your vehicle from day one. You're in hostile territory surrounded by enemy soldiers and marauders who will try to kill you on sight and take what's yours. You need to keep moving, stay alert, and be prepared to fight for your life every day.

HELP THOSE IN NEED

You might be alone and on the run, but at least you have weapons to protect yourselves and the skills to use them. On your travels, you will meet people in even more dire straits than you. Starving refugees with nothing but the clothes on their backs, civilians terrorized by some local warlord. It is up to you and your conscience whether to help those in worse need than yourselves, or leave them to their fate.



SEARCH FOR INFORMATION

If you want to stay alive, you'll need fresh intel – about enemy troop concentrations, other US stragglers, marauders in the area, which bridges are blown and which towns have been hit by tactical nukes. Scout ahead, ask around. If you don't know what you're walking into, you won't make it very far.

FIND A SAFE HAVEN

Safety is a rare thing in the world of *Twilight: 2000*. But there are still some places, few and far between, where a semblance of order remains. Small communities or bases, islands of civilization in a sea of chaos, fighting desperately to protect themselves against the armies and marauders roaming the land. Maybe you can find such a place, and maybe they will let you stay there, at least for a while.

STAKE A CLAIM

Maybe one day, you can stop running. When you've gathered enough resources and found a location safe enough, you can create your own sanctuary in a world of war – a home base. The start of something new in the ruins of the old. But be warned, enemies will come knocking and you will need to fight to defend what's yours.

REVEAL OPERATION RESET

Operation Reset was the code name for the final military operation launched by NATO and US forces in Northern Europe. Its purpose is a mystery – all you know is that it led to your unit being wiped out and thousands of soldiers killed. So it had better been about something important. Rumors about the true nature of Operation Reset are many – some even say its end goal was nothing less than the re-awakening of civilization as we knew it. That's probably fairy tales, but what if some of it is true? And what if Operation Reset isn't over yet, what if the world can still be saved?

FIND A WAY HOME

If your character is a soldier in a foreign land, you might be looking for a way to return home. It's probably nothing but a pipe dream, but someday, somehow, maybe you can make it back.

THE GAME SETTING

Twilight: 2000 depicts a world engulfed by war. No corner of the world went untouched by the devastating wars that raged through the years leading up to the year 2000 AD. Therefore, it's possible to set the game in any country you prefer – even your own homeland.

However, the focus of the war, and therefore the focus of this game, is Central and Northern Europe. This is where the fighting between NATO and the Soviet forces

was most intense (see chapter 7). This is where the mushroom clouds from nuclear strikes rose tall across the landscape.

Specifically, this core rulebook describes two default campaign settings for you to choose between: Poland and Sweden. See the short summaries below. You can read more about the road to war in these two countries in chapter 7, which also outlines the current situation in each of them in some detail. You will find large maps of key sections of Poland and Sweden in this boxed set.

POLAND

For yet another time in this century, Poland became the central battleground for the beginning of a World War. Unlike World War II, however, this Twilight War has no end. In the fields, forests, and cities of Poland the age's great ideologies waged battles that devastated everything in their path as the world crumbled under nuclear attacks.

Now, Poland is once again a realm of feudal warlords, lawlessness, deserters, and brigandry. Here, where war seems fecund and bent to seed, civilization died and was buried. Petty tyrants and devastated military units crawl across a landscape pockmarked by modern war, each simply trying to survive in the shadow of a world they can now only remember.

The Soviet push into Poland was slowed only by NATO air superiority, but the quick capture of civilian areas halted bombings early in some areas. That, coupled with the time it took NATO, and more importantly America, to bring sufficient armored forces to bear, left most of Poland in Soviet hands. The West came back strong, however, and the eventual use of nuclear weapons later in the war cut Soviet supply lines. Now, the fractured Soviet Army still outnumbered NATO elements, but no one can be said to have "won" anything.

SWEDEN

During the wars that broke out in 1997, officially neutral Sweden soon became the northern section of the frontline between NATO and Soviet forces. The US was actually the first foreign military to put its boots on the ground here, blocking a Soviet offensive in the Baltic Sea. A massive Soviet invasion of Sweden followed, pitting the military might of the two superpowers against each other in the desolate Nordic pine forests.

After a few weeks of heavy exchanges, the fighting subsided. Despite American air superiority, the more numerous Soviet forces made substantial conquests. American and Swedish forces held the west coast of Sweden and an enclave in Stockholm, while Soviet troops took control over most of the rest of the country and the Baltic Sea. The status quo lasted until spring of the year 2000, when Operation Reset was launched.

OTHER SETTINGS

Chapter 7 also briefly outlines the current situation in other regions like the United States, the United Kingdom, Germany, and the rest of the world, should you want to set your campaign elsewhere.

You can use the material on Poland and Sweden as inspiration for your own setting. Most of the scenario material in this book, such as random encounters and scenario locations, can be used in any setting with only minor tweaks.

CAMPAIGN FRAMEWORKS

TWILIGHT: 2000 is not a game about the military. It's a game about survivors. Still, on the scarred battlefields of Europe, many small and scattered military units remain, as they have the skills and the gear needed to stay alive. Playing such a unit of soldiers is therefore the default campaign framework for this game. There are many other options however, and you should jointly decide on a campaign framework before you make your characters. Here are a few suggestions:

CIVILIANS

You don't need to be a soldier to hold a gun. You can choose to play a group of civilians from any walk of life, now fighting to survive in the desperate world of **TWILIGHT: 2000**. Maybe you are roaming the land as refugees looking for shelter. Maybe you are still in your hometown, trying to protect it against marauders and soldiers seeking to steal what is rightfully yours.

LAW ENFORCEMENT

Keeping law and order was hard even before the world went to hell, and it sure isn't any easier now. As a team of former police officers, you no longer have the backing

of any government, but you have the skills and wits to stay alive and – just maybe – protect and serve some civilians along the way.

PRISONERS

The end of the world as you knew it wasn't all bad. For you, it meant freedom. When the world fell, no one bothered to keep you behind bars any longer. As a group of convicts now roaming the wilds freely, you struggle to survive and find a new place for yourself amidst the current chaos.

A MIXED GROUP

Of course, you can create a group of characters with different backgrounds, forced together by chance and the horrors of war. In the year 2000, many military units have recruited civilians into their ranks.



ROLLING DICE

The rules will sometimes ask you to roll a D3, 2D6 or D100. D3 means you roll a D6 and divide the result by two, rounding up. 2D6 means you roll two six-sided dice and add the results together. D100 means you roll two D10s, the first counting as the tens digit and the second the ones digit. That generates a result between 01 and 100 (a double zero counts as 100).

STARTING THE GAME

The default way to start a campaign of *Twilight: 2000* is to begin just as the US military advance toward Warsaw or Stockholm – part of the mysterious Operation Reset – has been crushed by Soviet forces. Your group of US soldiers, local soldiers, or civilians – or a mix of all three – is running for their lives, forced to fend for themselves in hostile territory.

Choose where on the travel map to start the game – close to Kalisz if playing in Poland, or near Skövde if playing in Sweden are good choices, as these areas are where the final battles occurred. From there, you're on your own – you decide where to go, with the Referee placing goals and obstacles in your path.

TOOLS OF THE GAME

Twilight: 2000 requires you to improvise as you play, but the game also provides a number of tools to help you create your story.

CHARACTER SHEETS

To document your character, you use a character sheet. You'll find an example of a completed character sheet on page xx, and there are a few blank sheets in this boxed set. From the Free League website, you can download character sheets for free to print. How to create your character will be described in the next chapter.

DICE

In the world of *Twilight: 2000*, nowhere is safe. Sooner or later, you will end up in situations where the outcome is uncertain, no matter how skilled you are. It's time to break out the dice.

To play *Twilight: 2000*, you will need a set of polyhedral dice with six, eight, ten and twelve sides, commonly referred to as a D6, D8, D10, and D12. You'll also need a bunch of extra D6s, to use as ammo dice (page xx).

A full set of custom dice is included with this boxed game, and you can purchase extra custom dice separately. You can play the game without these dice, but the custom symbols on them help to speed up gameplay.

CARDS

In *Twilight: 2000*, playing cards can be used for two purposes – drawing initiative in combat (chapter 4) and by the Referee for drawing encounters during travel (chapter 2 in the Referee's Manual).

A set of custom cards is included in this boxed set, containing 10 initiative cards and 52 encounter cards, with the encounters printed right on them for easy reference by the Referee. However, you can manage without these custom cards and just use a common deck of playing cards instead.

MAPS & COUNTERS

Hexagon (hex) maps are key to playing *Twilight: 2000*. There are two main types of maps – travel maps with 10-kilometer hexes that are used to regulate travel (see chapter 6) and combat maps that are used when bullets start flying (see chapter 4).

A large travel map depicting parts of Poland and Sweden is included in this boxed set, as well as eight double-sided combat maps that can be combined in many different ways to quickly create a unique battlefield.

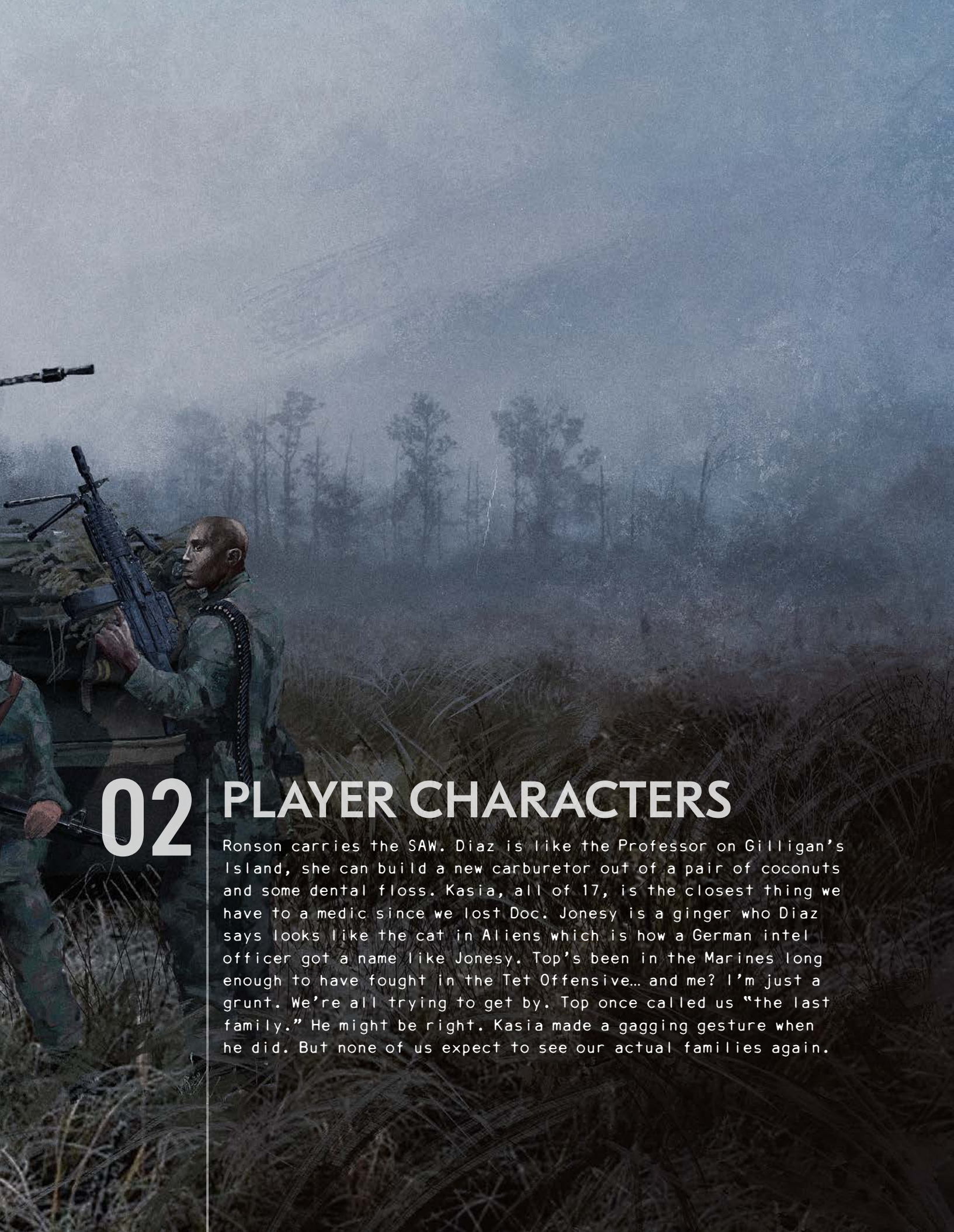
Along with the combat maps you use cardboard counters and tokens to keep track of positions and movement. A collection of such counters can also be found in this boxed set.

WHAT IS A ROLEPLAYING GAME?

If you have made your way here without knowing what a roleplaying game is, congratulations! Welcome to a rewarding and creative hobby. Roleplaying is a unique form of gaming, that combines tabletop gaming with storytelling. Roleplaying games give you a set of rules and let you create your own story with your friends in a way that books, movies, TV, and even video games cannot.

The advantage of roleplaying games is also their challenge – the freedom to create the story yourselves can be overwhelming. But this rulebook contains plenty of exciting encounters, locations and characters that you can populate your story with, and very specific tools for the Referee to use. If you need advice or ideas, there is a forum for *Twilight: 2000* as well as our other games on our website, freeleaguepublishing.com. Welcome!





02 PLAYER CHARACTERS

Ronson carries the SAW. Diaz is like the Professor on Gilligan's Island, she can build a new carburetor out of a pair of coconuts and some dental floss. Kasia, all of 17, is the closest thing we have to a medic since we lost Doc. Jonesy is a ginger who Diaz says looks like the cat in Aliens which is how a German intel officer got a name like Jonesy. Top's been in the Marines long enough to have fought in the Tet Offensive... and me? I'm just a grunt. We're all trying to get by. Top once called us "the last family." He might be right. Kasia made a gagging gesture when he did. But none of us expect to see our actual families again.

YOU ARE A SURVIVOR. Whether soldier or civilian, you have experienced the horrors of World War III, but you refuse to let them break you. No matter what, you are determined to live another day. And another one after that. And one day, maybe, just maybe, find a way to fix this broken world.

Your player character (PC) – your survivor – is your most important asset in *Twilight: 2000*. They are your weapons, your eyes and ears in the world. But they, in return, depend on you making the right decisions for them. Don't screw it up. Take your PC seriously and play them as if they were a real person. It's more fun that way. At the same time, don't try to protect your PC from every conceivable danger. The goal of the game is to create a good story. For that to happen you need to take risks.

During the course of the game, your PC will change and develop. Their skills and specialties can be developed through experience, but you can also discover how their personality changes and is formed in a way that cannot be measured by numbers on a page. This is when your player character truly comes alive.

CHARACTER SHEET: To create your player character, you need a *Twilight: 2000* character sheet. Five empty character sheets can be found in this boxed set, and you can download more from the Free League website.

ARCHETYPES VS LIFE PATHS

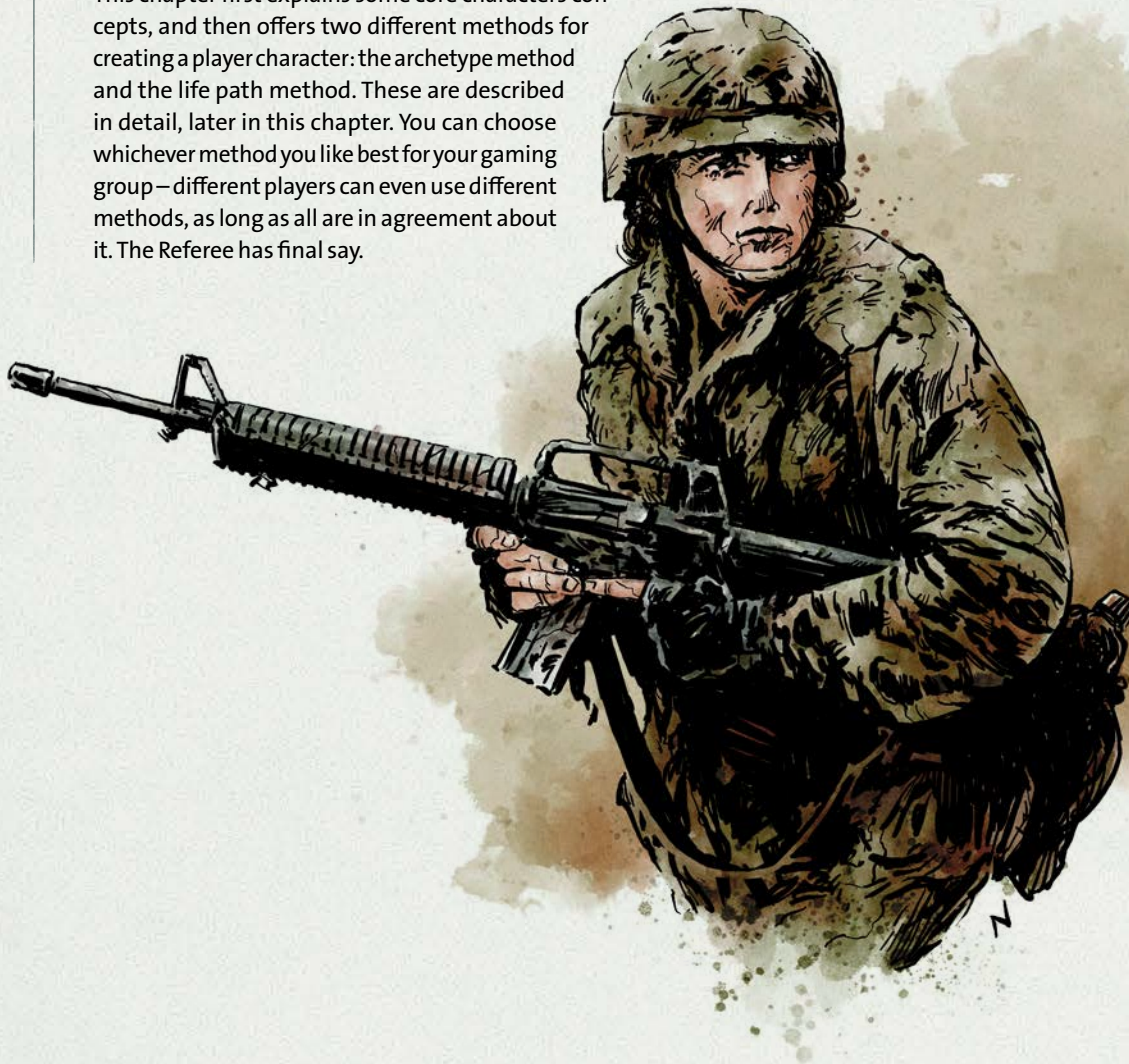
This chapter first explains some core characters concepts, and then offers two different methods for creating a player character: the archetype method and the life path method. These are described in detail, later in this chapter. You can choose whichever method you like best for your gaming group – different players can even use different methods, as long as all are in agreement about it. The Referee has final say.

ARCHETYPES: This lets you create a fully playable character in mere minutes, ready to jump into the action. It also creates a fairly balanced group of characters, with similar overall competency.

LIFE PATHS: This method lets you build your character by developing their backstory in detail, learning skills and specialties as you go along. This will create more fleshed-out characters, but also with more varied levels of competency.

NATIONALITY

Player characters in the game can be American, local, or even Soviet. It's your choice, and a mixed group is fine as well – desperate times make for strange alliances. If you're using the life path system, your nationality will affect character generation (page xx).



LANGUAGES: All characters in the game know their native language. Polish characters can generally speak and understand some Russian, and Swedish characters English. Additional languages can be learned as specialties (chapter 3).

BRANCH

Your branch tells you where you got your training. It can be military or civilian. If you use the life path system for character generation, you gain skill points and specializations from your branch. If you use the archetype method, your choice of branch is just for flavor.

MILITARY RANK

After the collapse of most organized fighting in Europe, military rank no longer has the meaning it once did. You are all on your own now, after all. Still, for most men and women in uniform, orders from a superior officer will always hold extra weight. Read more under Social Conflict on page xx.

ATTRIBUTES

Your character has four base attributes that indicate your basic physical and mental capabilities, each rated on a scale from A to D. A represents the top human capacity, B is above average, C is your average Joe and D is a weakened or diminished ability.

- ★ **STRENGTH (STR):** Muscle power, toughness, and physical endurance.
- ★ **AGILITY (AGL):** Body control, speed, and fine motor skills.
- ★ **INTELLIGENCE (INT):** Sensory perception, intellect, and mental stability
- ★ **EMPATHY (EMP):** Charisma, amiability, and emotional stability

DICE: Your attributes are used when you roll dice to perform actions in the game (as well as for determining how much damage and stress you can withstand before being incapacitated, see below). When rolling dice, each attribute rating is connected to a specific die type, see the table on page xx.

MILITARY RANKS

Below, the most common military ranks in the US, Soviet, Polish, and Swedish armed forces are listed. Of course, if you're a civilian, you don't have a rank.

US	SOVIET	POLISH	SWEDISH
Private	Ryadovoy	Szeregowy	Menig
Private First Class	–	Starszy szeregowy	Furir
Corporal / Specialist	Efreitor	Kapral	Överfurir
Sergeant	Mladshiy Serzhant	Starszy kapral / Plutonowy	Sergeant
Staff Sergeant	Serzhant	Sierżant	Fanjunkare
Sergeant First Class	Starshiy Serzhant	Starszy sierżant	–
Master Sergeant	–	Młodszy chorąży	–
First Sergeant	Starshina	Chorąży	–
Sergeant Major	–	Starszy chorąży	–
Second Lieutenant	Mladshiy Leytenant	Podporucznik	Fänrik
First Lieutenant	Starshiy Leytenant	Porucznik	Löjtnant
Captain	Kapitan	Kapitan	Kapten
Major	Mayor	Major	Major
Lieutenant Colonel	Podpolkovnik	Podpulkownik	Överstelöjtnant
Colonel	Polkovnik	Pulkownik	Överste
Brigadier General	General–mayor	General brygady	Brigadgeneral
Major General	General–leytenant	General dywizji	Generalmajor
Lieutenant General	General–polkovnik	General broni	Generallöjtnant
General	General–armee	General	General

ATTRIBUTE SCORES

ATTRIBUTE	DIE TYPE	DIE SIZE	DESCRIPTION
A	D12	12	Extraordinary
B	D10	10	Capable
C	D8	8	Average
D	D6	6	Feeble

HIT AND STRESS CAPACITY

Your attributes determine how much damage and stress you can take before being taken out of action. This is measured by your hit capacity and your stress capacity. Read more about how those work in chapter 4.

- ★ Your hit capacity equals half the average die size of your STR and AGL, rounding up.
- ★ Your stress capacity equals half the average die size of your INT and EMP, rounding up.

For example, STR B and AGL C give you a hit capacity of 5 (rounded up from 4.5), while INT B and EMP D give you a stress capacity of 4.

SKILLS

Your skills represent broad fields of expertise that you have acquired during your life. They determine, along with your attributes, how effectively you can perform actions in the game. There are twelve core skills, and they are all described in detail in chapter 3.

Just like attributes, skill levels are measured on a scale from A to D, where D represents only rudimentary training and A represents the best of the best in the field. You can also have a skill level of “F”, meaning you have no training at all (this is the default and does not need to be indicated on your character sheet). You can increase your skill levels during the game (page xx).

NO SKILL LEVEL? You can generally roll for a skill even if you have no level at all in that skill (“level F”)—in that case, only use the associated attribute for the skill in question. Read more about how skills work in the next chapter.

DICE: Just like for attributes, each skill level is connected to a specific die type. See the table on page xx.

SKILL LEVELS

SKILL LEVEL	DIE TYPE	DESCRIPTION
A	D12	Elite
B	D10	Veteran
C	D8	Experienced
D	D6	Novice
F	None	Untrained

DIE SIZE

A term sometimes used in the rules text is “die size”—this simply means the highest possible result on a particular die type. The die size of a D6 is 6, the die size of a D8 is 8, etc.

SPECIALTIES

Specialties are narrow, specialized abilities that give you an edge and a way to fine-tune your character. Specialties are further explained in chapter 3. You can learn new specialties during the course of the game, but they always require specialized training (page xx).

COOLNESS UNDER FIRE

When bullets start to fly in your direction, you need to keep a cool head. Panicking can cost you your life or get someone else killed. Coolness under fire, or CUF for short, is a score between A and D, just like an attribute. The better your CUF, the better you are at keeping calm in combat (page xx). After each session in which you rolled a CUF roll, you have a chance to improve your CUF (page xx).

UNIT MORALE

In war, your unit is your family. Your home. You live and die with the friends next to you. In the game, this is represented by a unit morale rating, rated from A to F, just like a skill. This score is primarily used for CUF rolls—the better the morale in your unit, the better your chances of keeping a cool head under pressure. Read more about this on page xx.

No matter which method you use for character generation, your group’s starting unit morale is equal to the highest **COMMAND** skill level in the group. You only have one unit morale score for the group, so it’s enough that one of you keeps track of it on your character sheet—usually it’s done by the character with the highest **COMMAND** score.

Your unit morale will change during the course of the game—see page xx.

MORAL CODE

The world might have gone to hell, but you're still a human being with values and morals. So far, anyway. This is represented by your moral code, phrased in a single sentence.

During play, you will face situations that test your moral code, where following it puts you or your group in immediate danger or requires a major sacrifice of some kind. The Referee has final say on when this happens, but you should also bring such situations to their attention.

- ★ If you choose to follow your moral code, you get a +1 modifier to one related skill roll if this makes sense in the situation, and you will learn from the experience, earning an experience point (XP) at the end of the session.
- ★ If you choose to betray your moral code, you will immediately suffer 1 point of stress (page xx). At the end of the session, you also have the option to scrap your moral code and write a new one.

BIG DREAM

Your immediate goal in the game is to live another day. But in the long run, merely surviving is not enough. You also have a motivation of your own, something you dream will one day come to pass, that keeps you on your feet when it would be easier to just lay down and die.

During play, you will gain extra XP if you take concrete action to realize your big dream. The Referee has final say.

YOUR BUDDY

You must choose which one of the other PCs that you feel closest to. That PC is your buddy. Mark your choice in the checkbox on the character sheet.

If you risk your life for your buddy or make a major

EXAMPLES OF MORAL CODES

- ✓ You can't save everyone, but you'll sure as hell try.
- ✓ War is a glorious thing and you are meant to command.
- ✓ Freedom is the only thing you own, nothing else matters.

sacrifice for them, you get a +1 modifier to one related skill roll (page xx) if this makes sense in the situation, and you will gain bonus (XP) at the end of the session.

If you witness your buddy being injured, you risk suffering mental stress (page xx).

HOW YOU MET

The group of other player characters is the closest thing you have to a family now. A single sentence or two is enough. This backstory has no mechanical effect.

APPEARANCE

Briefly describe your player character's appearance on your character sheet. This can be distinctive body or facial features, clothing, or even mannerisms.

NAME

You can give your character any name you like and give yourself a nickname as well.

GEAR

When traveling in the world of TWILIGHT: 2000, you'll need the right gear to survive. You'll need food to eat, weapons to defend yourself, medical equipment to patch up your wounds, maybe a tent to sleep in and even a vehicle to ride in. You must write down all the items you are carrying on your character sheet – more on that below. If it's not listed on your sheet, you don't have it with you.

STARTING GEAR

When you start out the game, you will get a set of gear based on your archetype or your final pre-war life path (if using the life path system). In addition to the items you choose, you are assumed to have a uniform or sturdy civilian clothing, and a canteen for water.

EXAMPLES OF BIG DREAMS

- ✓ You were sent here to win this war. You intend to do just that, at any cost.
- ✓ Find a place to settle down with your friends, and defend it with our life.
- ✓ Find your parents. You were separated. You want them back.

GROUP GEAR: In addition to your personal gear, you get to choose some gear for the group as a whole. Together, pick a number of the items listed below equal to the number of PCs in the group. You can only choose an item from the same row once.

- ★ A backpack
- ★ Any bow including D6 arrows
- ★ Any pistol or shotgun including D3 reloads
- ★ Any sniper or hunting rifle including D3 reloads
- ★ Any light machinegun including one ammo belt
- ★ Any grenade or rocket launcher (including D3 reloads, if applicable)
- ★ D6 magazines/reloads for any weapon
- ★ Two ammo belts for any machinegun
- ★ D6 reloads for any grenade or rocket launcher
- ★ D6 hand grenades of any type
- ★ A dirt bike with half a tank of fuel
- ★ Basic toolkit
- ★ Binoculars
- ★ D66 liters of any fuel, in jerrycans
- ★ D6 personal medkits
- ★ D6 rations of food
- ★ D6 rations of clean water

VEHICLE

In addition to group gear, your team can start the game with a vehicle. Roll 2D6 on the table on page xx and add the number of PCs in the group. Choose an appropriate vehicle in chapter 5 from the indicated category. A fully civilian group should not be allowed to start the game with a military vehicle, however. Your vehicle is assumed to have been converted to run on alcohol, and you start the game with half a tank of it.

Instead of rolling, you can discuss with the Referee and decide together if you should start the game with a vehicle, and if so, which one. Vehicles are very useful, but they can also draw attention to you from hostile forces – having a vehicle can turn you into a target.

2D6+PCS	VEHICLE
3–6	None
7–8	Horses (one per PC)
9–10	Pickup Truck
11–12	Jeep or HMMWV
13–14	Armored Personnel Carrier
15+	Main Battle Tank

THE VALUE OF AMMO

In the world of *Twilight: 2000*, the world economy has collapsed, and paper money has little value. Instead, most business is conducted through bartering. Ammunition has become the most common base currency, and this is also used in chapter 5 to indicate the relative value of gear.



ENCUMBRANCE

The weight and bulkiness of your gear is measured in encumbrance units, or just units for short. One encumbrance unit represents an item of roughly 3kg that can be carried in one hand – an assault rifle is a typical example. Smaller items weigh ½ or even ¼ unit. In chapter 5, the weight (in units) of all weapons and other gear is indicated.

RECORDING GEAR

The gear section of your character sheet has three subsections – one each for combat gear, items in your backpack, and tiny items. Each row in a subsection represents one full encumbrance unit.

COMBAT GEAR: Here, you list what you carry in your combat webbing, holsters, slings, belts, pockets, or in hand. Combat gear is easily accessible, and these items can be taken out with a fast action. You can only carry a number of encumbrance units equal to your STR die size as combat gear, e.g. eight units if you have STR C.

BACKPACK: If you have a backpack, you can use it to carry an additional number of encumbrance units equal to your STR die size. However, carrying a backpack gives you a –2 modifier on all **MOBILITY** rolls (page xx). Getting an item from your backpack during combat is a slow action (for you or another character in the same hex) and requires a **MOBILITY** roll. Dropping your backpack to the ground is a fast action. The backpack itself does not affect your encumbrance.

TINY ITEMS: Items with negligible weight, such as a photograph, a ring, or a dog tag, are called tiny. They are so small they don't affect your encumbrance at all. Tiny items also need to be listed on your character sheet, however.

AMMUNITION

Ammunition inside the magazine of a loaded weapon is included in the weapon weight. One extra magazine of ammunition (page xx) weighs ¼ unit. An ammo belt for a machinegun typically weighs one full unit. Ammo belts are never included in the weapon weight.

LOOSE AMMO: For loose small arms ammunition, the rule of thumb is that every 25 rounds weigh ¼ unit.

ARTILLERY SHELLS: Shells for heavy weapons weigh much more of course – the weight of each shell depends on the caliber of the shell. See the table on page xx.

FOOD AND WATER

One daily ration of food weighs from ¼ to a full encumbrance unit, depending on the type of food (page xx). A daily water ration weighs ½ unit.

STOCKPILES

If you're lucky enough to have more gear than you can carry, you can create a stockpile. Usually, you have one stockpile for the whole group. Assign the task of keeping track of your stockpile to one player – this person is called the quartermaster.

If you have a vehicle, this is the obvious place to keep your stockpile. The vehicle tables at the end of this book indicate how many encumbrance units a vehicle can carry, in addition to its passengers.

MEASURING TIME

Three separate units of time are typically used in the game, depending on the situation at hand. See the adjacent table. The exact duration of a round, stretch and shift can vary depending on the situation. It's the Referee's job to track time and determine when another round, stretch or shift has passed. There are typically four shifts in a day: morning, day, evening, and night (more on that in the travel rules, see chapter 6).

UNIT	DURATION	PRIMARY USE
Round	5–10 seconds	Combat
Stretch	5–10 minutes	Repairs
Shift	5–10 hours	Travel

RADIATION

After the nuclear exchanges between NATO and the USSR, radiation is a deadly hazard in large areas of the world. Chances are you have been affected already before the game starts. To finish off character creation, no matter which method you use, roll a D6 to determine your starting amount of permanent radiation points (page xx).

EXAMPLE

Ronson is a Gunner, US Army. He rolls a 4 for rank, making him a Private First Class. He drops his EMP to D, giving him three attribute increases to use on other attributes. He raises STR (his key attribute) to A and AGL to B, leaving INT at C. This gives him a hit capacity of 6 and a stress capacity of 4.

For his starting skills, Ronson sets Heavy Weapons to level B, Stamina and Ranged Combat to C, and Driving, Mobility and Close Combat to D. He chooses the Machinegunner specialty and his starting CUF is C. His moral code is "War is insanity – might as well join in." His big dream is "Keep my unit safe. Bear the burden of being the one they lean on. Get home." His buddy is Diaz.

As for starting gear, Ronson gets an M249 machinegun, three ammo belts, four hand grenades, a flak jacket and steel helmet, a knife, a personal med-kit, a backpack, two rations of food, five rations of clean water, and nine empty shell casings to use as small change.

To top things off, Ronson rolls a 6 for starting rads. He's now ready to enter the world of TWILIGHT: 2000.

CHARACTER CREATION: ARCHETYPES

An archetype is a typical character type in *Twilight: 2000*. You'll find nine archetypes on pages xx-xx. To create your character, follow the steps below, starting by choosing your archetype. Avoid having several players pick the same archetype.

Archetypes can feel stereotypical, and they are meant to. Picking an archetype is a quick way for you and the other players to get an immediate feel for your characters. But remember that your character is more than just an archetype. The archetype is a starting point toward creating a unique player character.

1. Choose your archetype.
2. Choose your nationality. You can be American, local, or even Soviet. Desperate times make for strange alliances. The choice affects your language skills (page xx) and starting gear.
3. Choose your branch from the options listed under your archetype, if any. This choice has no effect on gameplay.
4. Roll for your military rank as instructed by your archetype, if you are military. Use the table on page xx to convert US ranks to those of other nationalities.
5. Determine your attributes (page xx). You start with a baseline of C in all four attributes. You may then make two increases, of one step each. You can increase any attributes you want. You can gain one extra increase by decreasing one attribute from C to D. You can only have an A rating in the key attribute for your archetype for all other attributes, your maximum score is B.
6. Determine your hit capacity and stress capacity (page xx).

7. Determine your skills (page xx). You must choose one B level skill, two C level skills, and three D level skills. Your B level skill must be one listed under your archetype. You can choose your C and D level skills freely.
8. Choose your starting specialty (page xx) from the options listed under your archetype or any specialty you like, if the Referee allows it.
9. Record your starting coolness under fire (CUF) rating, as indicated by your archetype.
10. Determine your unit morale (page xx).
11. Choose your moral code from the suggestions listed under your archetype, or create your own.
12. Choose your big dream from the suggestions listed under your archetype, or create your own.
13. Choose a buddy (page xx) from among the other PCs.
14. Decide how you met the other player characters. Choose from the suggestions listed under your archetype, or decide for yourself.
15. Decide your appearance from the suggestions listed under your archetype, or decide for yourself.
16. Choose a name, and a nickname if you like, from the suggestions listed under your archetype.
17. Pick your gear from the choices listed under your archetype.
18. Pick group gear together and possibly a vehicle, as described on page xx.
19. Roll a D6 to determine your starting permanent rads (page xx).

NOTE: The archetypes can be useful as inspiration for your character even if you use the life path system for character generation.

TWILIGHT:2000

NAME _____ NATIONALITY _____



BRANCH _____ APPEARANCE _____

MILITARY RANK _____ MORAL CODE _____

BUDDY _____ BIG DREAM _____

HOW YOU MET THE GROUP: _____ EXPERIENCE
 CURRENT _____ TOTAL _____

ATTRIBUTES & SKILLS											
	RATING	BASE	DIE		RATING	BASE	DIE		RATING	BASE	DIE
STRENGTH	<input type="text"/>	=	<input type="text"/>	AGILITY	<input type="text"/>	=	<input type="text"/>	INTELLIGENCE	<input type="text"/>	=	<input type="text"/>
Heavy Weapons	<input type="text"/>	=	<input type="text"/>	Driving	<input type="text"/>	=	<input type="text"/>	Recon	<input type="text"/>	=	<input type="text"/>
Melee	<input type="text"/>	=	<input type="text"/>	Mobility	<input type="text"/>	=	<input type="text"/>	Survival	<input type="text"/>	=	<input type="text"/>
Stamina	<input type="text"/>	=	<input type="text"/>	Ranged Combat	<input type="text"/>	=	<input type="text"/>	Tech	<input type="text"/>	=	<input type="text"/>

SPECIALTIES _____

COMBAT		ARMOR	RATING	CONDITIONS
DAMAGE <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	STRESS <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Head	<input type="text"/>	Starving <input type="checkbox"/>
Hit Capacity <input type="text"/>	CRITICAL INJURIES	Arms	<input type="text"/>	Dehydrated <input type="checkbox"/>
Stress Capacity <input type="text"/>		Torso	<input type="text"/>	Sleep Deprived <input type="checkbox"/>
Coolness Under Fire <input type="text"/>	DISEASES	Legs	<input type="text"/>	Hypothermic <input type="checkbox"/>
Unit Morale <input type="text"/>		RADIATION		
		TEMPORARY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		PERMANENT <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

GEAR			
COMBAT GEAR		7	BACKPACK
2		8	2
3		9	3
4		10	4
5		11	5
6		12	6

TINY ITEMS _____

WEAPONS	ROF	DAMAGE	CRIT	ARMOR	RANGE	MAG	RELIABILITY	BLAST	WEIGHT	SPENT AMMO

THE CIVILIAN

You were an accountant. You worked retail. You were a part-time musician and full-time bartender. That's all gone now. None of it matters. Now, you are one thing: a survivor. You had no say in this war. Your government charged ahead without consent. Sometimes, you felt the whole world was in the grip of madness. You still feel that way. Your old life is over. What are you going to do with this new one? Is there any hope to rebuild?

APPEARANCE

Choose from the options below or decide for yourself.

- ★ Regular clothes that don't make you stand out
- ★ A t-shirt from your favorite band
- ★ Shoes that were in fashion when the war began

SPECIALTIES

Choose one specialty. Recommended options are:

- ★ Chemist
- ★ Cook
- ★ Hunter

YOUR MORAL CODE

Choose from the options below or decide for yourself.

- ★ You were nothing before the bombs. You won't be nothing again.
- ★ You will survive. Everyone else? Who cares?
- ★ You have a vision and must see it realized.

YOUR BIG DREAM

Choose from the options below or decide for yourself.

- ★ Establish your own community where you are in charge.
- ★ Establish order and peace in a small corner of the world where the war cannot touch you.
- ★ Get revenge against the former leaders who wrought this terror upon mankind.

- ✓ BRANCHES: Blue Collar, White Collar
- ✓ RANK: None
- ✓ KEY ATTRIBUTE: EMP
- ✓ KEY SKILLS: Driving, Survival, Persuasion
- ✓ COOLNESS UNDER FIRE: D
- ✓ TYPICAL NICKNAMES: Duck, Izzy, Easy Ice



HOW YOU MET THE GROUP

Choose from the options below or decide for yourself.

- ★ Your town always said, "don't aid any soldiers." But these people needed help. The town kicked you out. The penalty was supposed to be death, so you actually got off light.
- ★ The soldiers who raided your home were crazed, blood in their eyes. They were about to kill you when soldiers of the same side gunned them down. You've been with them ever since.
- ★ You were an informant for the NATO forces in your area. One day, you were discovered while planning an ambush with this group. You've been together ever since.

GEAR

You start the game with:

- ★ Any civilian pistol, hunting rifle or shotgun
- ★ D6 reloads for your weapon
- ★ Knife or binoculars
- ★ Basic toolset or dirt bike with half a tank of fuel
- ★ D6 rations of domestic food
- ★ D6 rations of clean water

THE GRUNT

They serve by the hundreds of thousands, the men and women who take and hold the ground. They are the ones who bleed and die in foreign fields for policies and ideologies decided upon thousands of miles away. There have always been grunts, though they weren't always called such. You're one of them. A ground-pounder, humping 30 kilos of gear up to hell and back hoping to stay alive. Your life was monotony punctuated by moments of sheer terror. Now, in the aftermath, it's just a muddy, gray hell.

APPEARANCE

Choose from the options below or decide for yourself.

- ★ Personalized helmet
- ★ Buzz cut
- ★ Zippo with a personalized motto; "Bury me upside down so the world can kiss my ass."

SPECIALTIES

Choose one specialty. Recommended options are:

- ★ Load Carrier
- ★ Ranger
- ★ Rifleman

YOUR MORAL CODE

Choose from the options below or decide for yourself.

- ★ There is no good and evil here, there is just dead and alive.
- ★ Make the world a safer place to save your soul.
- ★ The world is a blank slate, and you can be anything you want.

YOUR BIG DREAM

Choose from the options below or decide for yourself.

- ★ Become a powerful ruler, a person of importance in a world after civilization's collapse.
- ★ Keep your humanity and get to see home again.
- ★ Stay alive. There isn't anything else that matters anymore.

- ✓ BRANCHES: US Army, US Marine, Soviet Army, Local Army
- ✓ RANK: Roll D6. 1-3: Private. 4-5: PFC. 6: Corporal
- ✓ KEY ATTRIBUTE: STR
- ✓ KEY SKILLS: Close Combat, Stamina, Ranged Combat
- ✓ COOLNESS UNDER FIRE: C
- ✓ TYPICAL NICKNAMES: Sledgehammer, SNAFU, Oddball



HOW YOU MET THE GROUP

Choose from the options below or decide for yourself.

- ★ You've been with this unit since you arrived in Europe. This is your family now.
- ★ Your own unit was massacred. You were the only survivor. Two months on your own, then you spotted these people. Trust doesn't come easily.
- ★ At first, you thought they'd shoot you because you are, after all, the enemy. But they patched you up where your own people had left you to die. You owe them.

GEAR

You start the game with:

- ★ Assault rifle appropriate for your nationality
- ★ D6 reloads for your weapon
- ★ Flak jacket and helmet
- ★ Knife or D6 hand grenades
- ★ Personal medkit
- ★ Fatigues
- ★ Backpack
- ★ D6 field rations
- ★ D6 rations of clean water

THE GUNNER

You were the biggest in your unit, so they gave you the machine gun. You also might just like to rock 'n roll and open a firefight with 700 rounds per minute flying downrange. At any rate, it feels powerful to be behind such a fine instrument of automated death. Whatever the reason, you got the big gun. You lay down suppressive fire for your team, a curtain of lead death. This makes you extremely popular in your squad. When the shit hits the fan, and it ALWAYS does, they turn to the soldier with the belts of ammunition humping the machine gun through mud and blood to lay down enough fire to kill a platoon. That's you. It's where you want to be.

APPEARANCE

Choose from the options below or decide for yourself.

- ★ Muscles
- ★ Ammo belts draped over you
- ★ A pack of Marlboros rubber-banded to your helmet

SPECIALTIES

Choose one specialty. Recommended options are:

- ★ Launcher Crew
- ★ Machinegunner
- ★ Redleg

YOUR MORAL CODE

Choose from the options below or decide for yourself.

- ★ The team relies on you and your rate of fire.
- ★ You're in hell, but hell is pretty funny.
- ★ War is insanity – you might as well join in.

YOUR BIG DREAM

Choose from the options below or decide for yourself.

- ★ Rack up as many kills as you can. What else is there left to do?
- ★ Keep your unit safe. Bear the burden of being the one they lean on. Get home.
- ★ Find a place to settle down away from the war... if such a Narnia exists.

- ✓ BRANCHES: US Army, US Marine, Soviet Army, Local Army
- ✓ RANK: Roll D6. 1–2: Private. 3–4: PFC. 5–6: Corporal
- ✓ KEY ATTRIBUTE: STR
- ✓ KEY SKILLS: Heavy Weapons, Driving, Ranged Combat
- ✓ COOLNESS UNDER FIRE: C
- ✓ TYPICAL NICKNAMES: Pig, Rock 'n Roll, Buzzer



HOW YOU MET THE GROUP

Choose from the options below or decide for yourself.

- ★ You replaced their gunner who got dysentery. The mission was at Kalisz. Your unit, hell, your whole battalion is just... gone.
- ★ You came up through basic with most of these folks. You left your actual family before basic training. You have not seen them since.
- ★ These fools were pinned down by a Soviet machine gun. Your unit disbanded as raiders two days before. You weren't going to let fellow Americans die. The M-60 made quick work of the enemy.

GEAR

You start the game with:

- ★ Light machinegun appropriate for your nationality
- ★ D6 ammo belts
- ★ D6 hand grenades or ATRL with D3 rounds
- ★ Flak jacket and helmet
- ★ Knife
- ★ Personal medkit
- ★ Fatigues
- ★ Backpack
- ★ D6 field rations
- ★ D6 rations of clean water

THE KID

You never had a chance to grow up. The world ended before you could. The adults did that. You listened to them when you were little, but they destroyed it all. They stole your future. Now, it's up to you and people your age to make sure the world goes on. You had security ripped from you like an IV, like the umbilical cord. You cannot depend on grownups anymore. You see now you never could. You won't make that mistake again. Their world is in ashes. Your world is just beginning... or so you hope.

APPEARANCE

Choose from the options below or decide for yourself.

- ★ A Sex Pistols jacket
- ★ Vans shoes
- ★ Your Walkman

SPECIALTIES

Choose one specialty. Recommended options are:

- ★ Archer
- ★ Runner
- ★ Scrounger

YOUR MORAL CODE

Choose from the options below or decide for yourself.

- ★ You never obey authority.
- ★ You're smarter than any adult.
- ★ You kids need to fix the world the adults destroyed.

YOUR BIG DREAM

Choose from the options below or decide for yourself.

- ★ Grow up. Just live long enough to grow up.
- ★ Become a leader, a healer, or something else the world needs.
- ★ Find your parents. You were separated. You want them back.



HOW YOU MET THE GROUP

Choose from the options below or decide for yourself.

- ★ Your older brother hero-worshipped the Americans. He died trying to help them and you happened to be there when it happened. Now, you're stuck with them.
- ★ Your parents were killed early years ago, and you survived on your own. Then these people needed your help. You certainly can't go back to that city after what you did to save them.
- ★ You were one of hundreds of kids in a holding camp. The enemy took off one day, leaving you all no food. When these people showed up, they helped. You left with them.

GEAR

You start the game with:

- ★ Bow, pipe gun or zip gun
- ★ D6 reloads for your weapon
- ★ Knife
- ★ D6 rations of domestic food
- ★ D6 rations of clean water

- ✓ BRANCHES: None
- ✓ RANK: None
- ✓ KEY ATTRIBUTE: AGL
- ✓ KEY SKILLS: Stamina, Mobility, Survival
- ✓ COOLNESS UNDER FIRE: D
- ✓ TYPICAL NICKNAMES: Dime Bag, Shorty, "Kid"

THE MECHANIC

Vehicles always made more sense to you than people did. You've seen a lot of people break over here. You couldn't put them back together. An engine though? You can repair an engine, fix an axle, weld armor on a chassis. You mind the machines, a natural grease monkey. Maybe you worked in a garage back home or just restored classic muscle cars. However you got your skills, the unit now relies on them. The war is hard on the hardiest of tanks or Humvees. You keep them running. It's up to Top and the Doc to keep the people running. You don't want that responsibility.

APPEARANCE

Choose from the options below or decide for yourself.

- ★ Callused hands
- ★ Grease under the fingernails
- ★ Short, unkempt hair

SPECIALTIES

Choose one specialty. Recommended options are:

- ★ Combat Engineer
- ★ Gunsmith
- ★ Mechanic

YOUR MORAL CODE

Choose from the options below or decide for yourself.

- ★ If it's not broken, you can improve it.
- ★ Engines before people.
- ★ Freedom is the only thing you own.

YOUR BIG DREAM

Choose from the options below or decide for yourself.

- ★ Rebuild the old classic you have in the garage back home.
- ★ Invent a better engine that runs on ethanol.
- ★ Keep the deuce-and-a-half running. Keep yourself running. Keep the unit running ... all the way home.

- ✓ BRANCHES: US Army, US Marine, US Navy, Soviet Army, Local Army, Blue Collar
- ✓ RANK: Roll D6. 1: Private. 2-3: PFC. 4-6: Specialist
- ✓ KEY ATTRIBUTE: INT
- ✓ KEY SKILLS: Stamina, Driving, Tech
- ✓ COOLNESS UNDER FIRE: D
- ✓ TYPICAL NICKNAMES: Grease Monkey (Monk), Daytona, Clutch



HOW YOU MET THE GROUP

Choose from the options below or decide for yourself.

- ★ These poor fools were stuck on what was left of a highway when you came upon their broken-down transport. If you weren't the best grease monkey around, they'd be dead.
- ★ The group's leader grabbed you as soon as things were starting to go pear-shaped. She said the group would need a mechanic and a mechanic would need people who could use guns.
- ★ You were just the local mechanic when the enemy came. They made you fix their vehicle, then argued about who would shoot you. These people showed up right about then. They saved you.

GEAR

You start the game with:

- ★ Assault rifle appropriate for your nationality
- ★ D6 reloads for your weapon
- ★ Flak jacket and helmet
- ★ Knife or D6 hand grenades
- ★ Personal medkit
- ★ Basic tools
- ★ Vehicle tools or weapon tools
- ★ Fatigues
- ★ Backpack
- ★ D6 field rations
- ★ D6 rations of clean water

THE MEDIC

Humpty Dumpty. They tried to put him back together again. You try to do that every day, but all the broken limbs and broken minds are just too much to fix. So, you triage. On the field. In life. You do what you can, making hard choices. Deciding who is too far gone. You have nightmares about the blood. Whole lakes of it. If you added up all you've seen spilled, a lake might not cover it. People hurt. War is pain. You try to heal. You try to mend. It is all you can do in the face of complete absurdity.

APPEARANCE

Choose from the options below or decide for yourself.

- ★ A weary look in the eyes
- ★ Thin frame
- ★ Tattoos representing dead comrades

SPECIALTIES

Choose one specialty. Recommended options are:

- ★ Combat Medic
- ★ Field Surgeon
- ★ General Practitioner

YOUR MORAL CODE

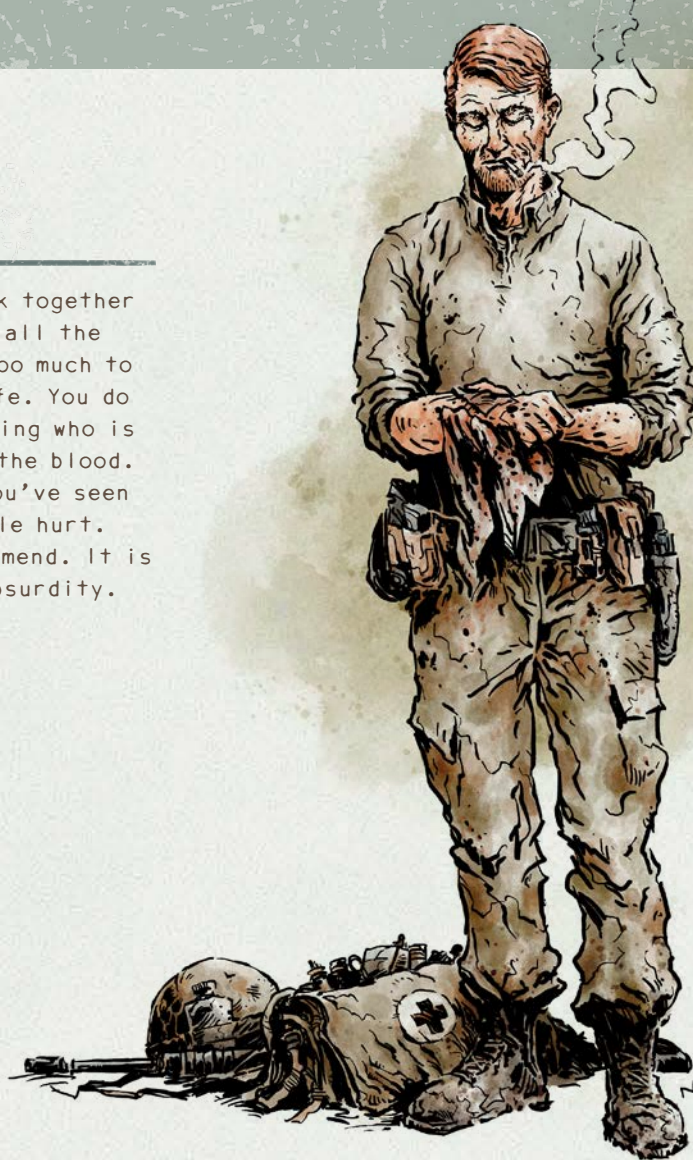
Choose from the options below or decide for yourself.

- ★ You can't save everyone, but you'll sure as hell try.
- ★ The world is unjust. You don't have to be.
- ★ You decide who lives and who dies.

YOUR BIG DREAM

Choose from the options below or decide for yourself.

- ★ Build a hospital to serve an entire community.
- ★ Save as many lives as you can.
- ★ Get through the blood and guts, with some shred of hope left in your heart.



HOW YOU MET THE GROUP

Choose from the options below or decide for yourself.

- ★ One of the members of this group was brought into your ER. When the hospital came under barrage from Soviet artillery, these people took you with them.
- ★ You found this poor soldier bleeding in a field. You patched them up and nursed them back to health. When the enemy got close, the soldier said they could bring you back to friendly lines.
- ★ You remember when this was a full platoon. That was a long time ago. You think about all the people you didn't save. You have their dog tags in your rucksack.

GEAR

You start the game with:

- ★ Assault rifle appropriate for your nationality
- ★ D6 reloads for your weapon
- ★ Flak jacket and helmet
- ★ Knife or D6 hand grenades
- ★ D6 personal medkits
- ★ Pain relievers or surgical instruments
- ★ Fatigues
- ★ Backpack
- ★ D6 field rations
- ★ D6 rations of clean water

- ✓ BRANCHES: US Army, US Marine, Soviet Army, Local Army, White Collar
- ✓ RANK: Roll D6. 1: PFC. 2-3: Specialist. 4-6: Sergeant
- ✓ KEY ATTRIBUTE: EMP
- ✓ KEY SKILLS: Stamina, Medical Aid, Persuasion
- ✓ COOLNESS UNDER FIRE: D
- ✓ TYPICAL NICKNAMES: Doc, Tex, Bones

THE OFFICER

The men and women under your command depend on you. You are resolute, decisive, and pragmatic... at least among the soldiers. Privately, the responsibility wears on you. You shouldn't have gone to OCS or the Academy. You aren't one of the "men." You can't be. You must remain apart, keep your objectivity... keep them alive. You're alone among a band of brothers, but that is exactly where the band needs you. That's why they follow your commands. They look to you for guidance. You look elsewhere for friendship.

APPEARANCE

Choose from the options below or decide for yourself.

- ★ Well-manicured look
- ★ Greying hair
- ★ 1,000-yard stare

SPECIALTIES

Choose one specialty. Recommended options are:

- ★ Intelligence
- ★ Sidearms
- ★ Tactician

YOUR MORAL CODE

Choose from the options below or decide for yourself.

- ★ Others rely on you to survive, and it's your job to keep them alive.
- ★ War is a glorious thing and you are meant to command.
- ★ The world has fallen to shit, but you can rebuild it.

YOUR BIG DREAM

Choose from the options below or decide for yourself.

- ★ Rule the country. Establish yourself as a tyrant in a world in need of leaders.
- ★ Get you and your people home.
- ★ Find someone else to lead these fine people. You know you'll one day fail them.

- ✓ BRANCHES: US Army, US Marine, US Navy, Soviet Army, Local Army, Police
- ✓ RANK: Roll D6. 1-2: Lieutenant. 3-4: Captain. 5-6: Major.
- ✓ KEY ATTRIBUTE: EMP
- ✓ KEY SKILLS: Ranged Combat, Command, Persuasion
- ✓ COOLNESS UNDER FIRE: C
- ✓ TYPICAL NICKNAMES: Top, Skipper, Sarge



HOW YOU MET THE GROUP

Choose from the options below or decide for yourself.

- ★ The group's commander panicked in a battle. You took command. They've followed you ever since. The former commanding officer didn't survive.
- ★ You replaced a beloved leader just before Kalisz. The troops don't know you. You don't know them, but now you're all on your own... together.
- ★ These Americans need a native like you. When you met them, they were about to be shot by civilians. You saved them. Now, they look to you to lead them.

GEAR

You start the game with:

- ★ Pistol or submachine gun appropriate for your nationality
- ★ D6 reloads for your weapon
- ★ Radio (manpack) or night vision goggles
- ★ Flack jacket
- ★ Knife or D6 hand grenades
- ★ Personal medkit
- ★ Fatigues
- ★ D6 field rations
- ★ D6 rations of clean water

THE OPERATOR

You are the elite. When you joined up, you wanted to go all the way. You wanted to be the best. Now you are. You are the best in the world and trained in all kinds of elite operations from raids to capturing high value targets. You have done your country proud. You and your unit were the first into this godforsaken country. Looks like you'll be the last out, too. It's fine. This is what you signed up for.

APPEARANCE

Choose from the options below or decide for yourself.

- ★ Long hair. Untidy appearance.
- ★ Civilian clothes, jeans, sneakers
- ★ Sunglasses

SPECIALTIES

Choose one specialty. Recommended options are:

- ★ Infiltrator
- ★ Martial Artist
- ★ Sniper

YOUR MORAL CODE

Choose from the options below or decide for yourself.

- ★ You have a job to do, and you're going to do it.
- ★ Who dares wins.
- ★ When the shit hits the fan, everyone looks to you.

YOUR BIG DREAM

Choose from the options below or decide for yourself.

- ★ Become the best soldier you can be.
- ★ Push the Soviets out of this country. That was your mission when you arrived. You see no reason to change it simply because some brass told you, "You're on your own now."

- ✓ BRANCHES: US Army, US Marine, US Navy, Soviet Army, Local Army, Intelligence Services, Police
- ✓ RANK: Roll D6. 1-3: Staff Sergeant. 4-5: Sergeant First Class. 6: Master Sergeant.
- ✓ KEY ATTRIBUTE: AGL
- ✓ KEY SKILLS: Ranged Combat, Recon, Survival
- ✓ COOLNESS UNDER FIRE: B
- ✓ TYPICAL NICKNAMES: Hat Trick, Tex, Jack Rabbit



- ★ Keep your team alive and get back home. This land is lost. Your own country needs you now more than ever. You can only imagine what conditions are like there.

HOW

YOU MET THE GROUP

Choose from the options below or decide for yourself.

- ★ Your unit was sent to rescue a platoon cut off at Kalisz. This is all that's left of the platoon. You all barely made it out.
- ★ You were assigned to help train regular infantry and civilians in advanced tactics. You've been with these folks for a while now.
- ★ This mix of civvies and regular army pulled your ass out of a hotspot. If it weren't for them, you'd be dead.

GEAR

You start the game with:

- ★ Any assault rifle or sniper rifle
- ★ Any pistol or D6 hand grenades or rifle-mounted grenade launcher
- ★ D6 reloads for each of your weapons
- ★ Binoculars or night vision goggles
- ★ Flack jacket and helmet
- ★ Knife
- ★ Personal medkit
- ★ Fatigues
- ★ Backpack
- ★ D6 field rations
- ★ D6 rations of clean water

THE SPOOK

Your Cold War went hot. You spent a good portion of your life either trying to prevent that or making sure your side would have the advantage when the conflict started. But advantage is relative in a world devastated by World War III, and you must fall back on your skills and tradecraft to survive, help your side's soldiers, and maybe even get home. The spy game isn't over, but it sure has changed. The war of the shadows came into the bright light of nuclear explosions. You still have some contacts. You still have intel. You hope it'll be enough.

APPEARANCE

Choose from the options below or decide for yourself.

- ★ Black clothes
- ★ A forgettable face
- ★ Short, conservative haircut

SPECIALTIES

Choose one specialty. Recommended options are:

- ★ Intelligence
- ★ Killer
- ★ PsyOps

YOUR MORAL CODE

Choose from the options below or decide for yourself.

- ★ Anything for your country. Anything.
- ★ Lies keep the world spinning.
- ★ The nature of mankind is to kill, and you are very good at it.

YOUR BIG DREAM

Choose from the options below or decide for yourself.

- ★ Eliminate your rival from before the war.
- ★ The war is still winnable. You will win it for your country.
- ★ Find the secrets of Operation: Reset.

- ✓ BRANCHES: Intelligence
- ✓ RANK: None
- ✓ KEY ATTRIBUTE: INT
- ✓ KEY SKILLS: Ranged Combat, Recon, Persuasion
- ✓ COOLNESS UNDER FIRE: B
- ✓ TYPICAL NICKNAMES: Sparrow, Hadrian, Blue Angel



HOW YOU MET THE GROUP

Choose from the options below or decide for yourself.

- ★ This group was assigned to you as part of a clandestine mission. By the time they were supposed to rejoin their unit, there wasn't a military left to join.
- ★ You'd been posing as a native for two years when this group found themselves in a spot of trouble. You blew your cover to save them from summary execution.
- ★ You were losing blood in a dark alley of the city. Your pursuers were right behind you. You must have fallen unconscious. Next thing you knew, friendlies were waking you up. They don't know you were a double agent. Are you still?

GEAR

You start the game with:

- ★ Any pistol
- ★ D6 reloads for your weapon
- ★ Radio (manpack) or binoculars
- ★ Knife or D6 units of explosives
- ★ Personal medkit
- ★ D6 rations of domestic food
- ★ D6 rations of clean water

CHARACTER GENERATION: LIFE PATHS

The life path method lets you build your character by developing their backstory in detail. This is done over a number of career terms, each as D6 years long, each one giving you skills and specialties.

Just like real life, your life path will be a mix of choice and chance, generating a complex character that just may surprise you and turn out differently from what you expected when starting out. To create a character using this method, follow the steps below.

There is no space on the character sheet for your career terms, so you'll need a separate piece of paper for it.

1. Start with a fresh and inexperienced young person, 18 years old. You start with a coolness under fire rating of D.
2. Choose your nationality. You can be American, local, or Soviet. The choice affects your language skills (page xx) and starting gear.
3. Determine your attributes (page xx). Start with a baseline of C in all four attributes. You may then make three increases, of one step each. You can increase any attributes you want. You can gain one extra increase by decreasing one attribute from C to D. The maximum attribute score is A. Keep in mind that some careers have minimum requirements, so be sure to look those up now if entering one of those careers is your goal.
4. Roll a D6 on the table on page xx to determine what your childhood was like. (If the Referee allows it, you may choose instead of roll.) Choose one skill at level D from the available options, and then roll another D6 to gain one specialty.
5. Choose a career for the next term, military or civilian, among the options listed on pages xx xx. Make sure you meet the requirements for entry. If this is a military career, note your starting rank.
6. Increase two skills one step each or one skill two steps, choosing only from among the skills listed for your career this term. If you choose a skill you didn't previously have, it starts at level D. No skill can ever go above level A. Special rule: In your first term of military service, one of your skill increases must be **RANGED COMBAT**, no matter what skills are listed for your specific career that term.
7. Make an unmodified skill roll (page xx) for one of the skills you increased in step #6. You cannot push the roll. If you succeed, you're doing well and receive a promotion roll a D6 to see which specialty you learn (re-roll if you get a specialty you already have). If this is a military career, also increase your military rank one step (see the table on page xx) and increase your CUF one step, to a maximum of A.
8. Age your character D6 years. Then roll another D6 if the result is lower than the number of terms you have completed, you must reduce one attribute of your choice by one step, due to the effects of age. You cannot go below D. Note that you cannot get an attribute reduction after your first term.
9. Roll a D8. If the result is lower than the number of terms you have completed, war breaks out. Go to step #10. If not, go back to #5 and choose a career for your next term.
10. Check the At War career (page xx) and increase any two skills of your choice by one step each (you cannot increase one skill two steps). In addition, roll a D6 to gain a final new specialty. Don't roll for promotion after the At War term.
11. Add three years to your age, without rolling for any further age effects.
12. Determine your hit capacity and stress capacity (page xx).
13. Determine your unit morale (page xx).
14. Choose your moral code.
15. Choose your big dream.
16. Choose a buddy (page xx) from among the other PCs.
17. Decide how you met the other player characters.
18. Decide your appearance.
19. Choose a name, and a nickname if you like.
20. Pick your gear from the choices given by your final career term before the At War term. Choose weapons as appropriate for your nationality. In addition, you get D6 rations of food, D6 rations of fresh water, and 2D6 empty shell casings to use as small change (page xx).
21. Pick group gear together and possibly a vehicle, as described on page xx.
22. Roll a D6 to determine your starting permanent rads (page xx).

CHILDHOOD

D6	1. STREET KID	2. SMALL TOWN	3. WORKING CLASS	4. INTELLECTUAL	5. MILITARY FAMILY	6. AFFLUENCE
SKILLS	Close Combat, Mobility, Recon	Driving, Ranged Combat, Survival	Close Combat, Stamina, Tech	Tech, Medical Aid, Persuasion	Stamina, Mobility, Ranged Combat	Mobility, Command, Persuasion
SPECIALTY (D6)						
1	Brawler	Biker	Brawler	Historian	Brawler	Boatman
2	Melee	Racer	Builder	Communications	Martial Artist	Diver
3	Runner	Sniper	Load Carrier	Computers	Ranger	Rider
4	Infiltrator	Farmer	Scrounger	Scientist	Mountaineer	Runner
5	Scrounger	Hunter	Blacksmith	Linguist	Runner	Linguist
6	Locksmith	Quartermaster	Mechanic	Musician	Rifleman	Musician

MILITARY SERVICE

Military service is divided into five broad careers or functional areas. Being very similar across military branches and nations, a single chart is used to represent these military careers.

OFFICERS must qualify for both the Officer career path and for the functional area in which they want to serve. They also get to choose which of the two columns to use for each career bonus.

FIRST TERM: In your first term of military service, one of your two skill increases must be **RANGED COMBAT**, no matter what skills are listed for your specific functional area.

MILITARY CAREERS

CAREER	COMBAT ARMS	COMBAT SUPPORT	COMBAT SERVICE SUPPORT	SPECIAL OPERATIONS FORCES	OFFICER
REQUIREMENTS	STR or AGL B+	INT B+	None	STR and AGL B+, no D attribute, at least one term in Combat Arms	INT B+, no D attribute, at least one term in Education, requirements for the functional area
STARTING RANK	Private	PFC	PFC	Staff Sergeant	Lieutenant
SKILLS	Close Combat, Heavy Weapons, Stamina, Ranged Combat	Recon, Survival, Tech	Driving, Medical Aid, Tech	Close Combat, Mobility, Ranged Combat, Recon, Survival	Ranged Combat, Command, Persuasion
SPECIALTY (D6)					
1	Rifleman	Intelligence	Mechanic	Paratrooper	Sidearms
2	Ranger	Linguist	Gunsmith	Ranger	Intelligence
3	Tanker	Communications	Electrician	Infiltrator	Tactician
4	Machinegunner	NBC	Computers	Sniper	Logistician
5	Launcher Crew	Psy Ops	Combat Medic	SERE Training	Frontline Leader
6	Combat Engineer	Interrogator	Field Surgeon	Martial Artist	Quartermaster

	COMBAT ARMS	COMBAT SUPPORT	COMBAT SERVICE SUPPORT	SPECIAL OPERATIONS FORCES	OFFICER
STARTING GEAR	<ul style="list-style-type: none"> ✓ Assault rifle, LMG or RPG ✓ D6 reloads ✓ Flak jacket and helmet ✓ Knife or D6 hand grenades ✓ Personal medkit ✓ Backpack 	<ul style="list-style-type: none"> ✓ Assault rifle ✓ D6 reloads ✓ Flak jacket and helmet ✓ Knife or D6 hand grenades ✓ Personal medkits ✓ Surgical instruments or manpack radio ✓ Backpack 	<ul style="list-style-type: none"> ✓ Assault rifle ✓ D6 reloads ✓ Flak jacket and helmet ✓ Knife or D6 hand grenades ✓ Personal medkit ✓ Basic tools ✓ Vehicle tools or weapon tools ✓ Backpack 	<ul style="list-style-type: none"> ✓ Assault rifle or sniper rifle ✓ Any pistol or D6 hand grenades or rifle-mounted grenade launcher ✓ D6 reloads for each weapon ✓ Binoculars or night vision goggles ✓ Flak jacket and helmet ✓ Knife ✓ Personal medkit ✓ Backpack 	<ul style="list-style-type: none"> ✓ Pistol or submachine gun ✓ D6 reloads ✓ Manpack radio or night vision goggles ✓ Flak jacket ✓ Knife or D6 hand grenades ✓ Personal medkit

UNITED STATES

US ARMY: The core of the United States Military, the US Army has defended America since its inception. All major operations tend to involve the US Army whose mission parameters are broad and difficult. They have the best equipment and training of any army on the battlefield, and are spread widely across it, in nearly every country. Despite the current state of disorganized warfare, they have managed to stay together in somewhat cohesive units and even carry out missions when they receive them.

US MARINES: An amphibious landing force designed to support the US Navy, the United States Marine Corps has since grown to encompass an array of land-based operations. The USMC prides itself on its training, fidelity, and sheer tenacity on the battlefield. For the most part, Marine units are engaged in coastal areas where their skills can be of the most use, protecting ports and shipyards for US Navy warships and preventing Soviet invasion by sea.

US NAVY: From humble beginnings, the US Navy grew to control maritime operations around the globe as the British Empire once did. The US Navy has more ships, aircraft carriers, and submarines than any other navy and its SLBMs comprise part of the nuclear triad. Although most capital warships were destroyed by Soviet nuclear attacks on the main fleets, there are still many US Navy ships in the seas around Europe, supporting logistics, defenses, and communications whenever possible.

US AIR FORCE: The US Air Force grew out of the Army Air Corps after World War II, and has since been responsible for air superiority, combat air support, air logistics, strategic bombers, and the ground-based ICBM inventory of the United States. Although the major US air bases in Europe have taken a nuclear beating, many aircraft still survive, for the most part without fuel or ammunition, at smaller bases and even civilian airports.



Who are these dirty, pasty, scrawny, long-haired freaks getting off my bus? Do you really think you have what it takes? Did you even think before you signed up for a life of misery? I know you are going to be miserable here! If I see anyone smiling, I will smoke the whole sorry lot of you! You are pathetic! The recruits get weaker and more sickly every year. When I signed up, we were men, going off to war. Not a whiny bunch of weaklings looking for college money. Pick up your shit, stand on the spots marked, and let's see what kind of contraband we can find. You belong to me now. No privacy, no personality, no race, no religion. I am your father and your mother, your pastor and your rabbi, your boss and your teacher. Don't think, don't talk, don't move. Just do what I say or I will think up new ways to make this even worse for you. Now MOVE OUT!

- Anonymous Drill Sergeant



SOVIET UNION

A proud, vast, highly motivated force of individuals which can field numbers unparalleled in the West, the Soviet Army is credited with playing a key role in winning World War II. They aim to do the same in this war. After the collapse of the Iron Curtain, the Soviet Army is somewhat diminished but still vastly outnumbers NATO in Europe.

SOVIET ARMY: The Soviet Army has a reputation for being large and poorly-equipped, but the USSR has come through with many military technical innovations, such as the first IFV (BMP), the first active defense system (Drozd), and the first platoon-issued sniper rifle (SVD). The Soviet Army cut through Eastern Europe and into NATO territory with relative ease in 1997 and 1998, stopped only by the US use of tactical nuclear weapons. They are still capable of large-scale operations, generally limited only by their tenuous link with the Soviet High Command (Stavka) and the willingness of an army that consists mainly of draftees and involuntary reservists to fight a war of aggression.

SOVIET NAVY: The Soviet Navy was never of very much use to the landlocked nation except as an arm of defense. The main exception to that rule has been the Soviet submarine forces, which were deployed all over the globe, mainly holding roles as ballistic missile launchers, convoy attackers, and as hunters of enemy submarines. There are still believed to be many Soviet submarines in active service, although potentially operating with little to no contact with their superiors.

SOVIET AIR FORCE: The Soviet Air Force was, for many years, the world's largest combat air arm, with more than 10,000 aircraft. Although the Air Defense Forces were a separate branch, the Soviet Air Force also held many air defense and detection systems under their umbrella. With many of their major air bases nuked and limited access to fuel and munitions, the Soviet Air Force has been relegated to defensive sorties and the remaining personnel reassigned to army units.

SWEDEN

After the Soviet invasion of formerly-neutral Sweden, what remained of the Swedish Navy and Air Force fled to Norway and Finland to continue the fight under different flags, and the remaining support personnel went under the army to continue the fight against the invaders.

SWEDISH ARMY: The Swedish army is one of the oldest continuously serving armies in the world at nearly 500 years old. It blends new conscripts with professional soldiers formed into two combat brigades. More than half of the battalions in the Swedish Army are reserve battalions designated for territorial defense. As befits a neutral nation, Sweden is known for developing its own equipment and licensing the rest from any country in the world that has top-quality arms and vehicles, leading to a very well-equipped, if small, force under arms. Since the invasion, the military has moved out into the country and become a guerrilla force supported by the populace.

POLAND

As former members of the Warsaw Pact, the Polish armed forces use weapons similar to those of the Soviet Union, although they have spent several years Westernizing their organization and structure to be closer to NATO standards. Unfortunately, very little is left of the Polish Navy and Air Force, so, like Sweden, most of their personnel have been incorporated into the army on an ad hoc basis.

POLISH ARMY: The Polish Army served mainly as part of the Warsaw Pact for most of the 20th century, and was poorly supported both in terms of equipment from the Soviet Union and by a low opinion of the military within Poland as they were often used to suppress protests against communist rule. Since 1991, the Polish Army has been trapped between its obsolescent Soviet-based equipment and its intent to join NATO, with the shadow of the revitalized Soviet Union looming over it. Currently, Poland is still very much an active battlefield, and the Polish Army fights in pockets wherever it can organize support.

LOCAL MILITIA

Local forces fight on their home turf and are highly motivated to defeat invaders who have brought war to their doorstep. Their numbers do not compare to those of the US or the Soviets, but they fight for their homes and their families. That cannot be underestimated. They may have their own military training as a draftee or they may be civilians turned partisans, whose sole combat experience has been World War III coming to their hometown. For these forces, the war automatically breaks out by the end of their first term (so in addition to one term on the military table, they also get the benefits of the At War career). Local militia always know the area, have multiple contacts in the area, have a home in the area, and speak the local language fluently.

CIVILIAN EXPERIENCE

Civilian careers include police, crime, intelligence services, blue collar work, education, and white-collar work. Each of these categories is divided into a number of specific careers to choose from. If the Referee agrees, you can create additional careers on your own.



POLICE

The traditional role of the police as peacekeepers gradually slid into paramilitary support as the war brought civilization to its knees.

Trained to protect and serve, they now often find themselves as combatants, or at least caught between combatants, all over the world.

CAREER	POLICE OFFICER	DETECTIVE	SWAT
REQUIREMENTS	No D attribute, no terms in prison	EMP B+, at least one term as Police Officer	STR and AGL B+, at least one term as Police Officer
SKILLS	Close Combat, Ranged Combat	Ranged Combat, Recon, Persuasion	Close Combat, Ranged Combat, Recon
SPECIALTY (D6)			
1	Sidearms	Infiltrator	Brawler
2	Melee	Interrogator	Martial Artist
3	Runner	Intelligence	Rifleman
4	Racer	Investigator	Sniper
5	Biker	Locksmith	Infiltrator
6	Scout	Linguist	Scout
STARTING GEAR	<ul style="list-style-type: none"> ✓ Pistol ✓ D6 reloads ✓ Handcuffs ✓ Baton (club) ✓ Patrol car with half a tank of fuel 	<ul style="list-style-type: none"> ✓ Pistol ✓ D6 reloads ✓ Lockpicks 	<ul style="list-style-type: none"> ✓ Assault rifle or submachinegun ✓ D6 reloads ✓ Night vision goggles ✓ Flack jacket and helmet ✓ Knife ✓ Personal medkit

CRIME

A life of crime might not be an ideal career choice for many, but with the rapid decline of civilization, some see it as their only option – and others simply see it as a way to make fast cash, no matter who gets hurt in the process.

PRISON: After a term in a career of crime, if war does not break out, roll a D6 – on an odd result, you must spend the next term in prison.

CAREER	GANG MEMBER	BURGLAR	HUSTLER	PRISONER
REQUIREMENTS	STR and AGL C+	AGL and INT C+	INT and EMP C+	–
SKILLS	Close Combat, Ranged Combat	Mobility, Recon	Recon, Persuasion	Close Combat, Stamina
SPECIALTY (D6)				
1	Brawler	Brawler	Runner	Brawler
2	Melee	Sidearms	Sidearms	Melee
3	Killer	Mountaineer	Infiltrator	Killer
4	Martial Artist	Infiltrator	Scout	Ranger
5	Rifleman	Electrician	Interrogator	SERE Training
6	Sidearms	Locksmith	Psy Ops	Scrounger
STARTING GEAR	<ul style="list-style-type: none"> ✓ Pistol or revolver ✓ D6 reloads ✓ Knife 	<ul style="list-style-type: none"> ✓ Pistol or revolver ✓ D6 reloads ✓ Lockpick set 	<ul style="list-style-type: none"> ✓ Pistol or revolver ✓ D6 reloads 	<ul style="list-style-type: none"> ✓ Knife

INTELLIGENCE

Intelligence agencies, such as the CIA and KGB, have their agents in the field gathering information, assassinating enemy leaders,

stealing examples of new equipment, sowing discord among the population in enemy-occupied territory, and assisting partisan units in their struggle.

CAREER	AGENT	ASSASSIN	PARAMILITARY
REQUIREMENTS	INT B+, at least one term in Education	EMP C or D, AGL B+, one or more terms as an Agent	STR and AGL B+, one or more terms in the military
SKILLS	Ranged Combat, Recon, Persuasion	Close Combat, Ranged Combat, Stamina	Heavy Weapons, Ranged Combat, Survival
SPECIALTY (D6)			
1	Intelligence	Killer	Brawler
2	Locksmith	Interrogator	Rifleman
3	Investigator	Sniper	Machinegunner
4	Scout	Martial Artist	Combat Engineer
5	Psy Ops	Improvised Munitions	Improvised Munitions
6	Sidearms	Infiltrator	Tactician
STARTING GEAR	<ul style="list-style-type: none"> ✓ Pistol ✓ D6 reloads ✓ Lockpick set ✓ Knife or explosives ✓ Personal medkit 	<ul style="list-style-type: none"> ✓ Sniper rifle or submachinegun (suppressed) ✓ D6 reloads ✓ Radio or binoculars ✓ Knife or explosives ✓ Personal medkit 	<ul style="list-style-type: none"> ✓ Assault rifle, LMG or RPG ✓ D6 reloads ✓ Knife or D6 hand grenades ✓ Personal medkit

BLUE COLLAR

The vast majority of the population of planet Earth belong to no formal organizations, military or otherwise. Often, they fall victim to the minority that does, but many are determined to take back control of what is left of the world so that the armies of

the East and West never again amass such power. That said, there is little left of civilization to save, and civilians often employ the military to achieve goals of survival and rebuilding. Such is the vicious world of life after World War III.

CAREER	DRIVER	FARMER	MECHANIC	CONSTRUCTION
REQUIREMENTS	AGL B+	None	None	STR B+
SKILLS	Driving, Tech	Stamina, Survival	Stamina, Tech	Close Combat, Stamina, Tech
SPECIALTIES (D6)				
1	Biker	Cook	Blacksmith	Brawler
2	Boatman	Farmer	Gunsmith	Builder
3	Navigator	Fisher	Locksmith	Load Carrier
4	Pilot	Hunter	Mechanic	Blacksmith
5	Racer	Forager	Scrounger	Electrician
6	Tanker	Rider	Improvised Munitions	Improvised Munitions
STARTING GEAR	<ul style="list-style-type: none"> ✓ Civilian car or truck 	<ul style="list-style-type: none"> ✓ Pickup truck ✓ Basic toolkit ✓ 2D6 (extra) rations of food 	<ul style="list-style-type: none"> ✓ Basic tools ✓ Vehicle tools or weapon tools 	<ul style="list-style-type: none"> ✓ Basic tools ✓ Crowbar

EDUCATION

Higher education is available in most parts of the world and is generally considered a direct path out of blue-collar jobs and into

more lucrative (and less physically demanding) white-collar jobs.

CAREER	LIBERAL ARTS	SCIENCES
REQUIREMENTS	INT and EMP C+	INT B+
SKILLS	Recon, Persuasion	Recon, Tech
SPECIALTIES (D6)		
1	Historian	Chemist
2	Cook	Communication
3	Linguist	Computers
4	Musician	Electrician
5	Psy Ops	Scientist
6	Counselor	Linguist
Starting Gear	<ul style="list-style-type: none"> ✓ D6 history books ✓ Dictionary in any language 	<ul style="list-style-type: none"> ✓ D6 science books ✓ Dictionary in any language

WHITE COLLAR

A white-collar worker is a person who performs professional, desk, managerial, or administrative work. White-collar work may

be performed in an office or other administrative setting.

CAREER	DOCTOR	PROFESSOR	MANAGER
REQUIREMENTS	Two terms in Education (Sciences), EMP B+	Two terms in Education (Liberal Arts), INT B+	One term in Education (any), EMP B+
SKILLS	Medical Aid, Persuasion	Recon, Persuasion	Tech, Command, Persuasion
SPECIALTY (D6)			
1	Linguist	Historian	Quartermaster
2	Combat Medic	Chemist	Computers
3	Counselor	Scientist	Frontline Leader
4	Field Surgeon	Linguist	Logistician
5	General Practitioner	Psy Ops	Teacher
6	Veterinarian	Teacher	Counselor
STARTING GEAR	<ul style="list-style-type: none"> ✓ D6 personal medkits ✓ Pain relievers ✓ Surgical instruments 	<ul style="list-style-type: none"> ✓ D6 books 	<ul style="list-style-type: none"> ✓ Pocket calculator

AT WAR

Once World War III breaks out, everyone was trying hard to just stay safe and do what they could for themselves and their teammates, families, and co-workers.

For the final At War term, you may increase any two skills of your choice by one step each (you cannot increase one skill two steps). In addition, roll a D6 on the table on page xx for a final new

specialty. Re-roll if you get a specialty you already have. Use the column corresponding to your most recent career term.

THE DRAFT: If your final term before war breaks out was spent as a civilian, and if your character is not a local of the country where your game is set, your

At War term will be spent as a draftee or volunteer in the military. In this case, one of the two skill increases for the At War term must be **RANGED COMBAT** – unless you already have a level of D or

better in the skill – and you roll for your specialty using the Military column. Also, in this case you get starting gear as if your final pre-war term had been Combat Arms (page xx) instead of your civilian career.

LAST CAREER	MILITARY	BLUE COLLAR	WHITE COLLAR	OTHER
1	Brawler	Brawler	Scout	Racer
2	Ranger	Rider	Fisher	Hunter
3	NBC	Runner	Forager	Forager
4	Rifleman	Quartermaster	Scrounger	Quartermaster
5	Scrounger	Gunsmith	Frontline Leader	Scrounger
6	Improvised Munitions	Mechanic	Interrogator	Improvised Munitions

EXAMPLE

CLARK KELLER

1. Clark Keller starts out 18 years old, with the following stats: STR B, AGL A, INT B, EMP D, and coolness under fire D.
2. For his childhood, Clark rolls a 5 – he’s from a military family. He chooses **MOBILITY D** and rolls another 5, for the Runner specialty.
3. Clark decides to go to college for a liberal arts degree. He gets **RECON** and **PERSUASION** at level D. He makes a **RECON** roll and succeeds, earning a specialty – he rolls a 3 and gets Linguist. He picks Russian as his second language. He rolls a 4 for age, turning him 22. He rolls a D6 for age effects but gets a 2 so he’s okay. He rolls a D8 for the war but gets a 7 – no war yet.
4. Clark joins the US Army and goes into Combat Arms as an infantryman. He gets **RANGED COMBAT** and **STAMINA** at level D. He now makes a **RANGED COMBAT** roll and succeeds, earning a promotion. He rolls a 1 and gets the Rifleman specialty. His rank is now Private First Class, and his CUF is increased to C. He rolls a D6 for age and gets a 3 – Clark is now 25. Still no age effects and no war.
5. Clark decides to try out for Special Operations Forces and passes. He is promoted to Sergeant, increases **RANGED COMBAT** to C, and gets **SURVIVAL D**. He makes another **RANGED COMBAT** roll and succeeds again! He rolls 1 and gets the Paratrooper specialty. He is promoted to Staff Sergeant and his CUF increases to B. Clark rolls a 6 for age, turning him 31. He rolls a D6 for age effects and gets a 3 – equal to his number of terms! He must decrease one attribute and chooses AGL, reducing it to B. War does not break out.
6. Clark is interested in intelligence work and moves into Combat Support. He increases **RECON** and **SURVIVAL** to C. He rolls for **RECON** but fails – no specialty this time. He rolls a 2 for age, turning him 33. He gets no further age effects, but the D8 war roll is a 4 – war breaks out!
7. For his At War term, Clark chooses to increase **RANGED COMBAT** to B and gets **CLOSE COMBAT D**. He rolls a 6 for the specialty and gets **Improvised Munitions**. He will start the game at 36 years of age.
8. Clark’s hit capacity is 5 and his stress capacity is 4.
9. Clark chooses his moral code, big dream and buddy among the other PCs.
10. Clark chooses his starting gear from the Combat Support list, and then chooses group gear with the other players.
11. Clark rolls a 3 for starting permanent rads.
12. The game begins.



03 SKILLS & SPECIALTIES

"Avoiding learning to use a rifle is a cardinal sin back home," Two-Fer once told me. He grew up somewhere in a rural part of America. I didn't want to learn how to use the M-16 when he first showed me, but I eventually agreed that I probably should. Firing a weapon like that isn't what I thought it'd be. Maybe I saw too many American movies. There's a machine-like grace to it and a deadly clockwork to fieldstripping one. Two-Fer says I'm a natural, but I think he's being nice. His real name is William Wiley, like the coyote in those cartoons, but his friends in training started pronouncing it "Willy," and they called him Willy-Willy which became Two-Fer, an American idiom I admit I missed during all those movies.

ROLEPLAYING IS A CONVERSATION. The Referee sets the scene, you describe what you do, the Referee tells you how NPCs react – then you respond, and so on, back and forth. The story grows one step at a time. But the world of TWILIGHT: 2000 is a desperate place inhabited by desperate people. Sooner or later things will come to a head, a point of no return, a conflict that cannot be settled by just talking it through. Then it's time to bring out the dice and use one of your skills.

Skills represent broad fields of knowledge and abilities that you have acquired during your life. To enhance specific types of expertise, you also have a wide range of specialties which will be applied to your skills in the relevant situations.

ROLL THE DICE

There are a total of twelve core skills in the game, and they are all described later in this chapter. Each skill is connected to one of the four attributes: Strength (STR), Agility (AGL), Intelligence (INT), and Empathy (EMP).

When you perform an action, you first describe what your character does or says. Then you grab two dice – one for your skill level and another for the base attribute that is connected to the skill. These two dice are called your base dice.

The type of base dice to roll depends on your levels in the skill and attribute, see the table on page xx. Then roll your two base dice together. If you don't have a level in the skill you're using, just roll one for the attribute.

BASE DICE

LEVEL	DIE TYPE
A	D12
B	D10
C	D8
D	D6

CUSTOM DICE

Two sets of green D6 to D12 base dice are included in this boxed set. Extra dice sets are available for purchase separately. The ☉ symbols are engraved directly onto the custom dice to mark successes. Additionally, the one (1) side of each custom die is marked with the ✨ symbol, to mark a potential fumble.

The tan colored dice in the boxed set are ammo dice and the white die is a hit location die. How these are used is explained in chapter 4.

You can play TWILIGHT: 2000 without the custom dice – normal polyhedral dice found in any hobby store will do just fine.

THE CORE SKILLS

- ✓ Close Combat (STR)
- ✓ Heavy Weapons (STR)
- ✓ Stamina (STR)
- ✓ Driving (AGL)
- ✓ Ranged Combat (AGL)
- ✓ Mobility (AGL)
- ✓ Recon (INT)
- ✓ Survival (INT)
- ✓ Tech (INT)
- ✓ Command (EMP)
- ✓ Medical Aid (EMP)
- ✓ Persuasion (EMP)

SUCCESS

To succeed with your action, you must roll 6 or higher on at least one base die used in the roll. A roll of 6 or higher is called a success, and is marked in the rules with a cross-hairs symbol: ☉.

MULTIPLE SUCCESSES: A roll of 10 or higher on a single die (only possible with a D10 or D12 of course) counts as two successes. This means you can potentially roll up to four successes with a single skill roll (two successes on each die), if you are both skilled and lucky. With bonus ☉ beyond the first one you can achieve additional effects, if explicitly stated in the rules.

THE ART OF FAILURE

If you roll no ☉, something goes wrong. For some reason, you failed to achieve your goal. Feel free to elaborate on why with the help of the Referee. They might even let a failed roll have further consequences to move the story forward in a dramatic way.

Failure must not stop the story completely. Even when you fail, there must be a way forward – perhaps at the cost of time, risk, or silver, but still a way. The Referee always has the final say regarding the consequences of failure in a particular situation.

You have one last chance if you really need to succeed – you can push the roll (page xx).

EXAMPLE

Ronson marches hard for a shift and needs to make a STAMINA roll. He has STR A and STAMINA C, meaning he gets to roll a D12 and a D8 as his base dice. He needs to roll a 6 or better on at least one of the dice to succeed. His odds are pretty good.

MISHAPS

If both dice in your skill roll show a 1, or if you lack a skill level and roll a 1 on your single die, you suffer a mishap. Something goes seriously wrong. What a mishap means is explicitly stated in the rules in most cases, but the Referee is also within their right to decide what happens as dramatically appropriate. If you use gear of some kind to complete your action, a mishap typically means that the gear breaks (page xx).

In the rules text, a roll of 1 is marked with the symbol of an explosion: . If you suffer a mishap, you cannot push the roll (below). You can, however, trigger a mishap when pushing a roll (if the dice come up ✨ in the reroll).

Note that the risk of a fumble increases significantly if you lack a level in the skill you use, as you'll then only roll a single die for your skill roll.

PUSHING YOUR ROLL

Your initial skill roll reflects a safe and controlled action. If you fail your initial roll, you can lean into the action, giving it everything you've got. This is called pushing the roll, and lets you reroll your dice, but if your roll fails again, you immediately suffer 1 point of damage (if you rolled for STR or AGL) or 1 point of stress (if you rolled for INT or EMP). Read more about damage and stress on page xx. If your pushed roll succeeds, you suffer no ill effects from the push.

EXCEPTIONS: When you push, you cannot reroll any dice with the result of 1, and you cannot push a roll if you suffered a mishap (page xx) on the initial roll.

AMMO DICE: If you push your roll, you must also reroll any ammo dice (page xx).

DESCRIBE YOUR ACTION

You create a story together in *Twilight: 2000*. A dice roll is a dramatic peak — first you should describe what you are trying to achieve, so that everyone knows what is at stake. Then you roll your dice. Interpret the result and describe what happens. Describe what you do, what you say, or what you are thinking. If you push your roll, describe how. Do it yourself, don't wait for the Referee — they should only stop you if you go beyond the results you have rolled.

DON'T ROLL TOO OFTEN

It's hard to succeed in *Twilight: 2000*. If you don't stack the odds in your favor, there is a great risk of failure. With that in mind, you should never roll dice unless it is absolutely necessary. Save the dice for dramatic situations or tough challenges. In any other situation, the Referee should simply allow you to perform whatever action you wish.

PASSIVE ROLLS: You can only push skill rolls when you actively perform an action. When passive or unaware, for example when rolling **RECON** to see if you spot a sneaking enemy or when someone uses **PERSUASION** on you, you cannot push the roll.

ONLY ONCE: You can only push your roll once. If you don't succeed on your second try, you are stuck dealing with the consequences.

WHAT PUSHING MEANS: How a pushed roll plays out in story terms depends on what skill you are using. It can take the form of a great physical exertion, total mental focus or emotional strain.

EXAMPLE

*Ronson has some bad luck and fails his **STAMINA** roll. But he's not one to give up, and decides to push the roll. He rolls again. To his dismay, he fails again, suffering 1 point of damage. The player bitterly describes how Ronson stumbles in the mud during the hard march and sprains his ankle.*

GROUP ROLLS

When you face a challenge together with the other PCs, don't roll dice separately. Instead, you decide who among you is best suited to take on the challenge. The others may help this person (page xx) if it's relevant to the situation. If the roll fails, it counts as a failure for all of you — you are not allowed to try one time each. This rule does not apply in combat, where each PC acts independently.

MODIFIERS

Sometimes, external factors help you to succeed. Such modifiers will step up one of your base dice to a better die, from a D6 to a D8 for example. Other times, something hampers your action. This will downstep one of your base dice.

You can get modifiers to skill rolls in several different ways: specialties, the difficulty of the action itself, and help from others.

A +1 modifier means upgrading a base dice one step, a +2 modifier means upgrading two steps, and so on. A -1 modifier means downgrading a base die one step, -2 means two steps down, and so on. Several mod-

CHANCE OF SUCCESS

When you roll dice, it can be hard to predict the chance of success. The table on page xx shows the chance of success when rolling with all possible combinations of dice. The table for pushed rolls shows the chance when pushing.

CHANCE OF SUCCESS, INITIAL ROLL

ATTRIBUTE/ SKILL	D6	D8	D10	D12
–	17%	38%	50%	58%
D6	31%	49%	59%	65%
D8	49%	61%	69%	74%
D10	59%	69%	75%	79%
D12	65%	74%	79%	82%

CHANCE OF SUCCESS, PUSHED ROLL

ATTRIBUTE/ SKILL	D6	D8	D10	D12
–	31%	62%	75%	82%
D6	52%	74%	83%	88%
D8	74%	85%	90%	93%
D10	83%	90%	93%	96%
D12	88%	93%	96%	97%

ifiers can apply to the same roll, and they are cumulative. A +2 modifier and a –1 modifier add up to +1, for example.

STEPPING UP: When you have a positive modifier, always step up your higher die first, until it reaches a D12 – then step up your other die. If you have no other die, instead add a D6 (as one step up) and step it up further as needed. You can never go above two D12s, no matter what modifiers you have.

STEPPING DOWN: When you have a negative modifier, always downstep your lower die first. If a D6 is downgraded, it's removed (counting as one step down). Then downstep your remaining base die as needed. You can never get downstepped below a single D6 – you will always have at least a 1 in 6 chance to succeed.

DIFFICULTY

Normally, the Referee doesn't assess how difficult an action is. You only roll dice in challenging situations – period. But sometimes, the Referee might want to underscore that external factors either help or hinder an action. Use the following table for guidance:

POSITIVE MODIFIERS: Each of the below factors can give a positive modifier to your roll:

- ★ Familiar equipment (e.g., mines from your own nation)
- ★ Specialized equipment (e.g., a custom off-road racing vehicle instead of an SUV)
- ★ Spotter (an assistant with binoculars or spotting scope identifying targets hit/missed)
- ★ Specific tools (e.g., lockpicks designed for the type of lock being picked)
- ★ High-end ingredients (e.g., commercial-grade chemicals or freshly butchered beef)
- ★ Advantage over opponent (e.g., they are asleep, looking the other way, etc.)

NEGATIVE MODIFIERS: Each of the below factors can give a negative modifier to your roll:

- ★ Unfamiliar equipment (e.g., mines of a foreign nation)
- ★ Improvised equipment (e.g., using a coat hanger and paper clip instead of lockpicks)
- ★ Weather/light conditions (rain, fog, blizzard, darkness, glare, smoke, fire, etc.)
- ★ Poor ingredients (e.g., stale bread, meat from sickly animal, homemade chemicals)
- ★ Opponent has advantage (e.g., highly alert, using observation equipment, etc.)

SPECIFIC MODIFIERS: There are also many cases where specific modifiers are imposed by the rules, like when you aim carefully with a ranged weapon (page xx), shoot at long distance, or if you're in a bad bargaining position when you use **PERSUASION** on someone (page xx).

SPECIALTIES

Many specialties also give you a positive modifier in certain situations or when using certain types of gear. Read more on page xx.

HELP FROM OTHERS

Other PCs or NPCs can help you succeed at a skill roll. This must be declared before you roll your dice. It must also make sense in the story – the individuals helping you must be physically present and have the capacity to support your action. The Referee has final say.

For each person helping you, you get a +1 modifier. No more than three people can help you with a single roll, meaning your maximum modifier from getting help is +3.

In combat, helping counts as the same type of action as the one you are supporting (fast or slow).

NPCs can help each other in the same way as player characters. Letting NPCs act in groups instead of individually is often an easy way to manage large numbers of NPCs in combat.

**EXAMPLE**

Diaz and Kasia go foraging together. Diaz has INT B and SURVIVAL D. Kasia also has level D in SURVIVAL but INT A, so they decide to let Kasia roll and Diaz help out. Normally, Kasia would get to roll a D12 and a D6 in this case, but thanks to Diaz's help, her D6 is stepped up to a D8.

OPPOSED ROLLS

Sometimes, rolling a ☉ isn't enough to succeed with your skill roll. In some cases, you have to beat your foe in an opposed roll. To win an opposed roll, you must roll successfully and roll more ☉ than your adversary. Every ☉ your adversary rolls eliminates one of your ☉. Only you (the active party) can push your roll.

Sometimes you and your adversary roll for different skills, sometimes the same. Opposed rolls are common when you use **PERSUASION** to influence someone or **RECON** to move undetected. The Referee can also use opposed rolls in any case when they deem it appropriate. The Referee might even roll for you secretly when you are the passive part in an opposed roll.

EXAMPLE

Jonesy tries to convince a frightened local farmer to let the group stay overnight at her farm. Jonesy has EMP B and PERSUASION D, giving him a D10 and a D6 to roll. The farmer has EMP C and no skill level in PERSUASION. Jonesy rolls one success, but so does the farmer – meaning the opposed roll fails. Jonesy now needs to decide whether to push the roll or not.

NPCs AND SKILLS

Non-player characters use skills in the same way as player characters. The Referee rolls dice for them. NPCs only rarely push rolls however – the Referee should save this for key NPCs in important situations. Additionally, the Referee should only roll dice for actions that affect a PC directly – for example, if the NPC is attacking a PC or attempting to save them. When an NPC performs an action that does not directly affect a PC, the Referee can simply decide what happens.

GEAR

In many skill rolls, you can use gear. Gear can take the form of a weapon in combat, a rope to climb, or a med kit to heal a wound. You will find weapons and other gear listed in chapter 5 of this book. In some cases, a piece of gear is needed to be able to perform a particular action at all. Particularly useful gear can also give you a positive modifier to your skill roll, as described in the Modifiers section on page XX.

MISHAPS

When you use gear and roll a mishap on your skill roll (page xx), the gear typically breaks. For firearms and vehicles, it's a little more complicated – see page xx and xx, respectively.

DAMAGE TO GEAR

Weapons, vehicles, and other gear can suffer damage and be broken through use or attacks. Broken or worn gear can be repaired using the **TECH** skill and spare parts. See chapter 5 for more on this.

THE SKILLS

This section describes the twelve core skills of the game.

CLOSE COMBAT (STR)

Use **CLOSE COMBAT** when fighting an enemy up close and personal, with or without a melee weapon in hand. If the roll succeeds, you hit your adversary and inflict damage equal to your weapon's base damage rating on them. Each extra ☉ rolled will increase the damage by one step. Read more about close combat in chapter 4.

HEAVY WEAPONS (STR)

Use the **HEAVY WEAPONS** skill to fire machineguns, rocket launchers, mortars, tank guns, howitzers, and other heavy weapons. Specialties ap-

ply to specific types of heavy weapons. If your roll succeeds, you hit your target and inflict damage equal to your weapon's base damage rating on it. Each extra ☉ rolled will increase the damage by one step. Read more about heavy weapons in chapter 4.

SPECIAL: When using **HEAVY WEAPONS** to fire mounted weapons, use **AGL** instead of **STR**, and when firing artillery, use **INT**.

STAMINA (STR)

When your physical toughness or endurance is tested, roll for **STAMINA**. For example, this skill is used to march hard, resist a disease or the effects of cold, or to cling to life after suffering a fatal critical injury (page xx).

DRIVING (AGL)

Use the **DRIVING** skill to maneuver motorcycles, cars, armored personnel carriers and even tanks. Specialties apply to specific types of vehicles. Read more about how to use this skill in chapter 4.

MOBILITY (AGL)

When you jump, climb, run fast, or perform any other action that requires speed or motor control, you roll **MOBILITY**. The skill has specific uses in combat (chapter 4).

RANGED COMBAT (AGL)

Use the **RANGED COMBAT** skill to fire hand-held ranged weapons, such as pistols, bows, submachineguns, and assault rifles. Specialties apply to specific types of weapons. If the roll succeeds, you hit your adversary and inflict damage equal to your weapon's base damage rating on them. Each extra ☉ rolled will increase the damage by one step. Read more about ranged combat in chapter 4.



RANGED COMBAT

GROUP RECON

When you and the other PCs sneak side by side, don't make separate **RECON** rolls. Instead, only the PC with the lowest skill level rolls, and the result applies to the whole group. Conversely, when you and the other PCs scout at the same time, don't make separate **RECON** rolls. Instead, only the PC with the highest skill level rolls, and that result applies to the whole group.

RECON (INT)

Use the **RECON** skill to spot concealed enemies, avoid ambushes, move silently and avoid being detected. Make an opposed roll (page xx) against your adversary's **RECON**. If you win, you manage to avoid being spotted.

The person or group trying to stay hidden is always the active party in the opposed roll, i.e. they must roll more ⊕ than the opponent to remain undetected, and only they can push the roll. Read more about stealth and ambushes on page xx.

You can also use **RECON** when traveling, to spot another party on the trail before they spot you. See chapter 6.

SURVIVAL (INT)

In **TWILIGHT: 2000**, civilization has collapsed. To survive, you need to know how to find food and shelter in the wild. You can roll **SURVIVAL** in a number of different situations when you are traveling. Read more in chapter 6.

TECH (INT)

Weapons and other gear are key to survival in **TWILIGHT: 2000**. Use the **TECH** skill to repair gear and scavenge parts. You can even use the skill to craft new items if you have access to a workshop. Read more about this in chapter 5.

COMMAND (EMP)

Any group of survivors in the world of **TWILIGHT: 2000**, soldiers or not, needs a good leader to inspire them. You can use your **COMMAND** skill to help a person who is incapacitated by stress get back on their feet (page xx). Your **COMMAND** score can also affect your unit morale (page xx), and the skill can be used in base building and in large-scale battles.

MEDICAL AID (EMP)

The world of **TWILIGHT: 2000** is a dangerous place. There is a significant risk that you and your friends will be injured, sooner or later. This is when the **MEDICAL AID** skill comes in handy. It can be used to help a friend who is incapacitated by damage (page xx) get back on their feet, and to save the life of a fallen comrade who has suffered a critical injury. Read more about critical injuries on page xx.

PERSUASION (EMP)

Life in the aftermath of World War III is dangerous, but you can often reach your goals without violence, using charm, threats, or reason. Use **PERSUASION** to make others see things your way. Your chances can be affected by your bargaining position and military rank. Read more about social conflict in chapter 4.

REQUIRED SPECIALTIES?

In the core rules, specialties are never required to use a particular skill or perform a particular action. This is to give the maximum amount of agency to players and avoid blockers. However, should your group feel that this stretches your suspension of disbelief too far, as an optional rule the Referee can impose specialty requirements as they see fit – for example, they might require the Tanker specialty to drive a main battle tank or Launcher Crew to fire a missile launcher.

SPECIALTIES

While attributes and skills give you the broad strokes of your competency, specialties represent your specific areas of expertise in a wide range of narrow fields. Specialties typically give you a +1 modifier in certain situations or when using particular gear. Some specialties have unique uses.

Specialties are categorized by the skill they are most commonly used with. Note however that you don't need a skill level to learn the specialty – you can have the Brawler specialty without having a skill level in **CLOSE COMBAT**, for example.

I was never good with math. Never had to be until we found a mortar. Top showed me how to use it, work the trajectory and such but, to be honest, I was never good at it. Kasia, though, she's born to this stuff. She can land a round right where we need it every time... at least in practice. Not that we have many shells to practice with. I wonder what she might have been if the war hadn't come? I figure I'd have wound up doing my tour with the Army then going back home, working as a contractor with my brother. He's dead, I heard. Anyway, his unit was wiped out. Kasia, though? She could have really been someone. She's too smart for any of this shit... and too young.

CLOSE COMBAT SPECIALTIES

- ★ **BRAWLER:** Gives you a +1 modifier to **CLOSE COMBAT** rolls in unarmed close combat.
- ★ **MELEE:** Gives you a +1 modifier to **CLOSE COMBAT** rolls for all hand-to-hand combat weapons, such as knives, bayonets, and clubs.
- ★ **KILLER:** You can kill an incapacitated person outright without suffering any negative effects (page xx).
- ★ **MARTIAL ARTIST:** Your close combat attacks have a crit threshold of 2 instead of 3.

HEAVY WEAPONS SPECIALTIES

- ★ **MACHINEGUNNER:** Gives a +1 modifier to **HEAVY WEAPONS** rolls for firing light, medium, and heavy machineguns.
- ★ **LAUNCHER CREW:** Gives a +1 modifier to **HEAVY WEAPONS** rolls for

firing grenade launchers and missile launchers.

- ★ **REDLEG:** Gives a +1 modifier to **HEAVY WEAPONS** rolls when firing artillery, including mortars, cannons and tank guns.

STAMINA SPECIALTIES

- ★ **CONSTRUCTION:** Gives you a +1 modifier to **STAMINA** rolls made for base building (page xx).
- ★ **LOAD CARRIER:** You can carry two additional encumbrance units (page xx) in your combat gear and four more in your backpack.
- ★ **NBC:** Gives a +1 modifier to **STAMINA** for all sickness rolls (page xx), even those triggered by radiation or chemical agents. Also lets you identify nuclear, biological, and chemical weapon effects to personnel and equipment.
- ★ **RANGER:** Gives you a +1 modifier to **STAMINA** rolls made for marching (page xx), resisting hypothermia (page xx), and other hardships.
- ★ **SERE TRAINING:** Gives you a +1 modifier to **STAMINA** rolls made to resist interrogation, Psy Ops, bluffing, and torture effects.

DRIVING SPECIALTIES

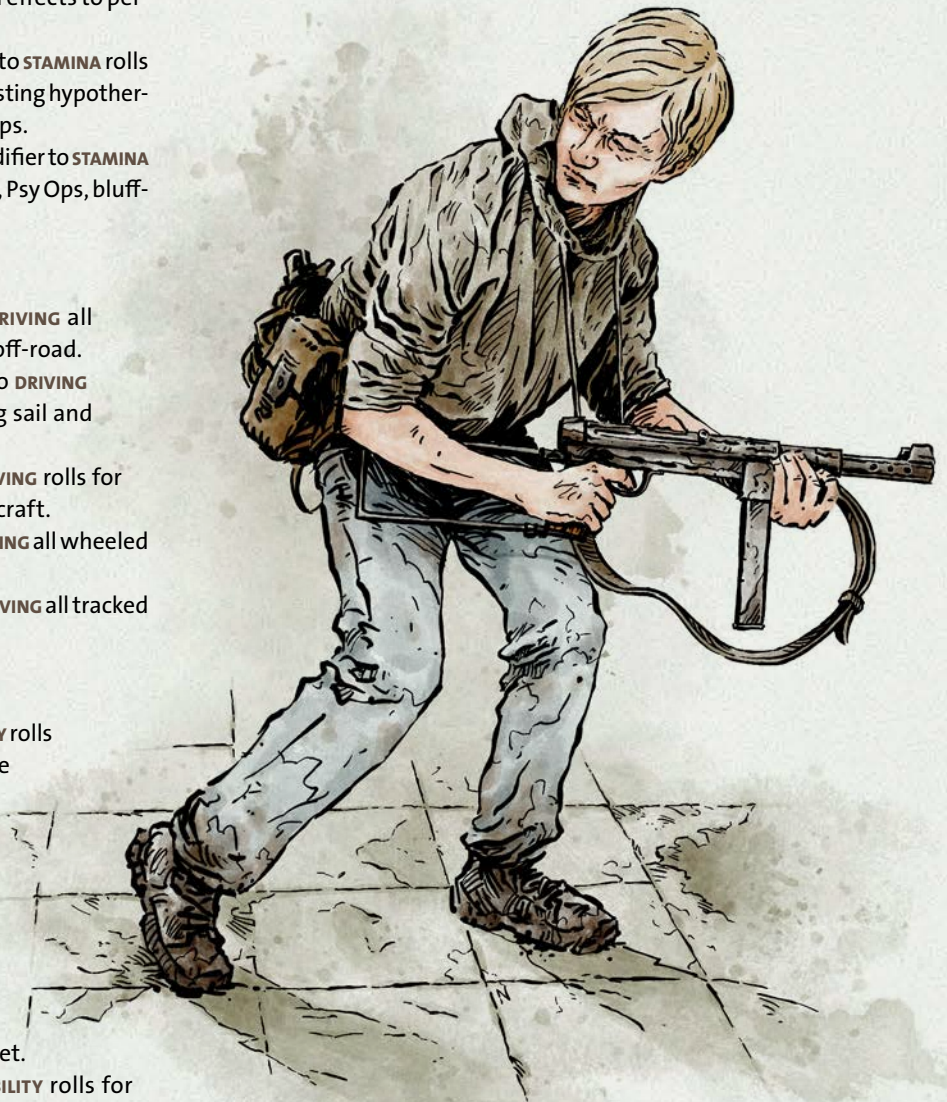
- ★ **BIKER:** Gives a +1 modifier to **DRIVING** all motorcycles and bicycles, on or off-road.
- ★ **BOATMAN:** Gives a +1 modifier to **DRIVING** rolls for piloting boats, including sail and rowed boats.
- ★ **PILOT:** Gives a +1 modifier to **DRIVING** rolls for flying fixed- and rotary-wing aircraft.
- ★ **RACER:** Gives a +1 modifier to **DRIVING** all wheeled vehicles except motorcycles.
- ★ **TANKER:** Gives a +1 modifier to **DRIVING** all tracked vehicles.

MOBILITY SPECIALTIES

- ★ **DIVER:** Gives a +1 bonus to **MOBILITY** rolls when swimming, both across the surface and under it. Includes use of SCUBA gear.
- ★ **MOUNTAINEER:** Gives a +1 bonus to **MOBILITY** rolls for rappelling, ascender-climbing, and knot-tying.
- ★ **PARATROOPER:** Gives a +1 bonus to **MOBILITY** rolls for skydiving, for emergencies and landing on target.
- ★ **RIDER:** Gives a +1 bonus to **MOBILITY** rolls for riding at high speeds and performing mounted maneuvers (page xx). Also negates the negative modifier for shooting from horseback.
- ★ **RUNNER:** Gives a +1 bonus to **MOBILITY** rolls for running (page xx).

RANGED COMBAT SPECIALTIES

- ★ **ARCHER:** Gives a +1 modifier to **RANGED COMBAT** rolls for bows and crossbows.
- ★ **PITCHER:** Gives a +1 modifier to **RANGED COMBAT** rolls for thrown weapons, including knives and grenades.
- ★ **RELOADER:** Gives a +1 modifier to **RANGED COMBAT** rolls made to reload your firearm (page xx).
- ★ **RIFLEMAN:** Gives a +1 modifier to **RANGED COMBAT** rolls for firing assault rifles, submachineguns, and shotguns.
- ★ **SIDEARMS:** Gives a +1 modifier to **RANGED COMBAT** rolls for firing pistols.
- ★ **SNIPER:** Gives a +1 modifier to **RANGED COMBAT** rolls for firing sniper rifles and hunting rifles.



RECON

RECON SPECIALTIES

- ★ **FORWARD OBSERVER:** Your **RECON** skill level counts as one step higher when directing indirect fire (page xx).
- ★ **HISTORIAN:** Roll **RECON** when you arrive at a new location. If you succeed, the Referee must tell you something significant that has happened here in the past (if anything ever did).
- ★ **INFILTRATOR:** Gives you a +1 modifier to **RECON** rolls when trying to remain undetected.
- ★ **INTELLIGENCE:** Roll **RECON** when you spot enemy troops, vehicles, and weapons. If you succeed, the Referee must tell you their stats.
- ★ **INVESTIGATOR:** Roll **RECON** when you spend a stretch or more investigating the scene of a crime or a battle. If you succeed, the Referee must give you some useful information about what has happened and when.
- ★ **SCOUT:** Gives you a +1 modifier to **RECON** rolls for spotting others and avoiding ambushes (page xx).

SURVIVAL SPECIALTIES

- ★ **COOK:** Gives you one additional ration of food when you or someone else in your group successfully forage, hunt or fish (page xx).
- ★ **FARMER:** Gives a +1 modifier to **SURVIVAL** rolls for farming (page xx).
- ★ **FISHER:** Gives a +1 modifier to **SURVIVAL** rolls for fishing (page xx).
- ★ **FORAGER:** Gives a +1 modifier to **SURVIVAL** rolls for foraging to find food (page xx).
- ★ **NAVIGATOR:** Gives a +1 modifier when using **SURVIVAL** rolls for navigation (page xx).
- ★ **HUNTER:** Gives a +1 modifier to **SURVIVAL** rolls for hunting to obtain food (page xx).
- ★ **QUARTERMASTER:** Gives you a +1 modifier to **SURVIVAL** rolls for making camp (page xx).
- ★ **SCROUNGER:** Gives a +1 modifier to **SURVIVAL** rolls for scrounging (page xx) or searching for empty shell casings (page xx).

TECH SPECIALTIES

- ★ **BLACKSMITH:** Gives a +1 modifier to **TECH** rolls for metalworking, forging, casting, molding, and smelting (page xx).
- ★ **CHEMIST:** Gives a +1 modifier to **TECH** rolls for producing gunpowder (page xx) and distilling grain alcohol for fuel (page xx). Also lets you identify chemical substances correctly.
- ★ **COMBAT ENGINEER:** Gives a +1 modifier to **TECH** rolls for placing and disarming mines and explosive devices (page xx), and to **RECON** rolls to avoid mines (page xx).
- ★ **COMMUNICATIONS:** Gives a +1 modifier to **TECH** rolls for maintaining contact on radios, using Morse code, setting up and configuring antennae, and using encryption equipment.
- ★ **COMPUTERS:** Gives a +1 modifier to **TECH** rolls for using or tampering with computers and ancillary devices.
- ★ **ELECTRICIAN:** Gives a +1 modifier to **TECH** rolls for wiring, soldering, disabling, and repairing electrical devices.
- ★ **GUNSMITH:** Gives a +1 modifier to **TECH** rolls for repairing firearms and reloading ammunition (page xx).
- ★ **IMPROVISED MUNITIONS:** Gives a +1 modifier to **TECH** rolls for making zip-guns, IEDs, and reloading empty shell casings.

- ★ **LOCKSMITH:** Gives a +1 modifier to **TECH** rolls for picking locks, cracking safes, and disarming alarms.
- ★ **MECHANIC:** Gives a +1 modifier to **TECH** rolls for repairing engines, vehicles, generators, and pumps.
- ★ **SCIENTIST:** Roll **TECH** when you come across a phenomenon of any sort that requires knowledge of physics, biology, geology, or any other natural science. If you succeed, the Referee must give you some useful information about it.

COMMAND SPECIALTIES

- ★ **FRONTLINE LEADER:** Gives a +1 bonus to **COMMAND** rolls for helping someone who is incapacitated by stress (page xx). Does not affect unit morale.
- ★ **LOGISTICIAN:** Gives a +1 bonus to **COMMAND** rolls for base building (page xx).
- ★ **TACTICIAN:** Roll **COMMAND** when you spot an enemy force. If you succeed, the Referee must tell you something useful about their current organization and objectives.

MEDICAL AID SPECIALTIES

- ★ **COMBAT MEDIC:** Gives a +1 modifier to **MEDICAL AID** rolls for helping an incapacitated character get back up (page xx). No effect on treating critical injuries.
- ★ **COUNSELOR:** Gives a +1 modifier to **MEDICAL AID** rolls for counseling a person suffering from long-term mental trauma (page xx).
- ★ **FIELD SURGEON:** Gives a +1 modifier to **MEDICAL AID** rolls for treating critical injuries.
- ★ **GENERAL PRACTITIONER:** Gives a +1 modifier to **MEDICAL AID** rolls for treating disease, poison, and NBC.
- ★ **VETERINARIAN:** Gives a +1 modifier to **MEDICAL AID** rolls for working on animals.

PERSUASION SPECIALTIES

- ★ **LINGUIST:** You know another language of your choice (page xx), well enough to be taken as native on a successful **PERSUASION** roll.
- ★ **MUSICIAN:** Gives a +1 bonus to **PERSUASION** rolls in situations where singing or playing an instrument is helpful. The Referee has final say.
- ★ **INTERROGATOR:** Gives a +1 bonus to **PERSUASION** rolls for extracting information from a prisoner.
- ★ **PSY OPS:** Gives a +1 bonus to **PERSUASION** rolls for changing someone's mind about a particular issue.
- ★ **TEACHER:** Gives a +1 bonus to **PERSUASION** rolls for teaching someone a specialty (page xx).





04 COMBAT & DAMAGE

I'd been shaking for the entire hour, but I didn't shake while the guns were going off. I think I shot someone, but Ronson said it was him. He said it to make me feel better. I think I shot somebody. There isn't anything to describe this. I know my adrenal medulla released a ton of chemicals into my brain, and my fight or flight response kicked in. Medical books would tell me norepinephrine wars with adrenaline to calm me, but all I really know is that there are a bunch of dead people over there and I can't stop shaking and I killed one of them. I took classes at a college at night during high school. We never saw any bodies in those classes. Two-For sat down beside me and took my shaking hands and said, "You did good." None of this is good, is it? Diaz has a ying-yang painted on his helmet. Adrenaline-noradrenaline. Black and white. I don't want to close my eyes tonight.

THE WORLD OF TWILIGHT: 2000 is a violent place. When someone gets in your way, you sometimes have no choice but to take them down. And when someone comes gunning for you, you need to be able to defend yourself. But combat can take a heavy toll on your character and could even kill you. Sometimes, retreat is the wiser option. Before entering a conflict, always ask yourself: Is it worth it?

BATTLE MAPS

When combat erupts, a map of the battlefield is useful. Battle maps have hexagonal grids, to regulate positions, movement and shooting range. One hexagon is 10 meters across. Positions inside a hex are not regulated by the rules (except for when passing barriers, see page xx).

A number of general and modular full-color battle maps, that can be used in a variety of locations, are included in this boxed set. The modular battle maps can be combined in a multitude of different ways by the Referee, to quickly create unique battlefields.

The boxed set also contains a few larger specific battle maps for the scenario locations described in the Referee's Manual. Finally, on the Free League website you'll find blank hexagonal maps that you can print and then use to quickly sketch up the terrain for random encounters.

TOKENS

Tokens are used to represent the fighters taking part in the combat. This boxed set contains a large number of tokens to represent individual fighters, vehicles, and a variety of combat effects such as cover, smoke, fire, and suppression. Tokens for individuals show the person standing on one side and prone on the other. For vehicle tokens, you need to keep track of facing (page xx).

MANAGING NPCs

As a general rule, NPCs follow the same rules as PCs during combat unless otherwise stated. However, in order to reduce bookkeeping for the Referee and avoid slowing combat down, a number of simplified rules for NPCs are included in this chapter. These are all marked in boxes (xx) such as this one. The Referee is never obliged to use the simplified rules – for key NPCs, it's often worthwhile to use the full rules, just like for PCs.

PLAYING WITHOUT MAPS

Although using battle maps is recommended, you can choose not to use them for certain fights and let them play out only in the "theater of the mind." In particular, this is a good solution in close quarters fights between a small number of fighters in the same hex, such as a bar brawl. It can also be useful for exchanges at very long range (500 meters or more).

MAPS WITHOUT HEXES

If you prefer using maps without hexes, measuring distances in meters and marking exact positions of fighters and vehicles, that works too. It will require a little more work on the part of the Referee, however. Simply multiply the distance in hexes by 10 to get meters. Any distance of 5 meters or less is considered in the same hex for the purposes of the rules, 5–15 meters is one hex distant, 15–25 meters is two hexes, etc.

ROUNDS & INITIATIVE

Combat is played out in rounds, each roughly 5–10 seconds long. When a combat begins, the first step is to determine who has the initiative. Do this before anyone rolls dice for an action.

DRAWING INITIATIVE

Grab the ten initiative cards included in this boxed set. If you don't have access to the custom card deck, any normal deck of cards works fine if you simply remove the face cards and substitute the aces for ones.

Each player taking part in the conflict, either voluntarily or involuntarily, draws a card and the Referee draws one card for each NPC (or group). This is called drawing initiative. The number on the card determines the order in which you act in the conflict.

Participants act in order from lowest to highest number, beginning with card #1, until everyone has taken their turn. Place your initiative card by your character sheet, so everyone can see in which order you all act. The Referee puts their initiative card(s) in front of them.

When all the participants in the combat have acted once, the round is over, and a new round begins. The round order remains the same throughout the whole conflict – drawing initiative is only done once, at the start of the first round.

SURPRISE

If you initiate combat with an attack that the Referee deems fully surprising, you automatically get the #1 initiative card in the first round. All other combatants – including others on your side – draw initiative normally. Also see Ambushes (page xx).

HIDDEN INITIATIVE

As an alternative rule, to create more uncertainty and a stronger “fog of war” experience, you can keep initiative cards secret. The Referee then calls out initiative numbers, starting at #1, and each fighter shows their card and performs their actions once their number comes up. In this rules variant, the initiative must be drawn again at the start of each round.

EXCHANGING INITIATIVE

During a fight, you can exchange your initiative card – and thus your initiative – with another willing player character or NPC, whose turn has not yet come up in the current round. This must be declared on your turn, before you perform any action. You and the other player character must be able to speak to each other (even if only by radio) to exchange initiatives.

Reactive actions (such as blocking and overwatch fire) are not affected by exchanging initiative – your spent actions still count as spent, even if you get a new initiative number.

HIDDEN INITIATIVE: If you use the alternative rule for hidden initiative (see the boxed text on page xx), the other character is not allowed to say what initiative number they have before you make the switch – you’ll simply have to wait and find out after you get the card (which remains hidden until your turn).

YOUR TURN

The point in the initiative order at which you act is called your turn. The phrase “your next turn” means the next upcoming point in the initiative order at which you normally act, whether that happens to be in the current round or the next round (if your turn in the current round has already passed). The phrase “your previous turn” means your latest previous point in the initiative order, whether it was in the current round or the previous round.

EXAMPLE

Ronson, Diaz and Kasia come across an old farm, still smoldering after what seems to have been an artil-

lery attack. While the others check the yard outside, Kasia makes her way into the main farmhouse to look for supplies. Suddenly, she comes across a marauder. Both are equally surprised. They draw initiative – Kasia gets a 3 and the Referee draws a 7 for the marauder. Kasia goes first.

NPC INITIATIVE

For a group of NPCs with identical stats, such as a squad of enemy soldiers, the Referee can draw one initiative card for the group instead of one per individual. All the NPCs in that group act at the same point in the round order. In what order they act individually within the group is up to the Referee. Large groups of NPCs can split into several smaller groups, if the Referee prefers.

SLOW & FAST ACTIONS

On your turn, you can perform one slow action and one fast action, or two fast actions. See the lists of typical slow and fast actions on page xx. All of these actions are explained in detail later in this chapter.

FREE ACTIONS: Dropping to the ground or shouting a few words are called free actions – they don’t count toward your two actions for the round, but you can only do them on your own turn (unless forced to go prone by a failed coolness under fire roll).

DESCRIBE YOUR ACTIONS

When it’s your turn to act, simply state which actions you wish to perform and roll dice if needed to see if you are successful. Some actions, like blocking and overwatch fire, will give your opponent the opportunity to perform a reactive action, which breaks the turn order.

HELPING OTHERS

If you wish to help another player character or NPC perform an action, it costs you one action of the same kind (slow or fast). You must state you are trying to help someone before any dice are rolled. Helping others also occurs out of turn, i.e. it breaks the initiative order in the round. You can read more about helping in chapter 3.

MARK YOUR ACTIONS

Because helping and reactive actions occur out of turn, it can be hard to keep track of how many actions the combatants have performed. A tip is to keep track of this by turning the initiative card 90 degrees for every performed action. Turn it to the left for a fast action and to the right for a slow action, and all the way around 180 degrees once both actions in the turn are used up. All actions are refreshed at the start of each round.

SLOW ACTIONS

ACTION	PREREQUISITE	SKILL
Get item from backpack	Backpack	Mobility
Crawl	You are prone	Mobility
Persuade	The opponent can hear you	Manipulation
Unarmed attack	Unarmed	Close Combat
Melee attack	Melee weapon	Close Combat
Grapple	Unarmed	Close Combat
Break free	You are grappled	Close Combat
Shoot firearm	Firearm	Ranged Combat
Sniper aim	Sniper rifle	–
Shoot bow	Bow or crossbow	Ranged Combat
Throw weapon	Thrown weapon	Ranged Combat
Fire heavy weapon	Heavy weapon	Heavy Weapons
First aid	Victim incapacitated by damage	Medical Aid
Inspire	Victim incapacitated by stress	Command
Enter/exit vehicle	Vehicle	–

FAST ACTIONS

ACTION	PREREQUISITE	SKILL
Drop backpack	Backpack	–
Seek cover	Terrain type providing cover	–
Run	No enemy in same hex	Mobility
Cross barrier	–	Mobility
Move through door	–	–
Get up	You are prone	–
Draw Weapon	–	–
Shove	–	Close Combat
Disarm	Target holds an item	Close Combat
Grapple attack	Opponent grappled	Close Combat
Retreat	Enemy in same hex	Mobility
Aim	Ranged weapon	–
Ready bow	Bow	–
Reload	Firearm	Mobility (slow action if failed)
Get on a bike	Motorcycle or bicycle	–
Grab the wheel	Vehicle	–
Start engine	Vehicle	–
Drive	Vehicle	Driving
Use item	Varies	Varies

FREE ACTIONS

ACTION	PREREQUISITE	SKILL
Drop to the ground	You're standing up	–
Shout a few words	–	–

NPC GROUP ACTIONS

A group of similar NPCs in the same hex can often perform the same action, such as moving together, seeking cover together, etc. For NPC group attacks, see Close Combat (page xx) and Ranged Combat (page xx).

MOVEMENT: The modifier to **MOBILITY** or **DRIVING** rolls made to move additional hexes during a movement action (page xx and page xx, respectively). Some terrain types have special effects:

- ★ Swamps and shallow water make running a slow action. Crawling is not possible. Vehicle movement is impossible, except for amphibious vehicles (these move as in a field).
- ★ A hex of blocking terrain is filled with terrain taller than a human, fully blocking visibility and movement. Blocking terrain can be large rocks, buildings, etc.

TERRAIN & VISIBILITY

A battle map is divided into hexagons, or hexes for short. The hex is the main unit of distance in combat. A hex is 10 meters across. If the combat is played without a map, it's the Referee's job to determine the distances between the fighters involved.

HEX FEATURES

Each hex has a terrain type that affects visibility, ranged attacks, and movement. The terrain types table on page xx summarizes these effects. The dominating terrain in a hex on a battlemap applies to the entire hex.

VISIBILITY: The maximum visibility range in 10-meter hexes. For more details on line of sight, see page xx.

RANGED ATTACKS: The modifier to all ranged attacks against targets in a hex with this terrain, unless the shooter is in the same hex. This modifier does not apply to area attacks made with artillery (page xx).

COVER: Indicates whether it is possible to seek solid cover (page xx) in a hex of this terrain type, and if yes, the typical armor rating of such cover. "Full" means that the hex blocks line of sight completely.



INFILTRATION: The modifier to **RECON** rolls made to stay hidden or set up an ambush in a hex of this terrain type. Note that the modifier is applied to the individual trying to stay hidden (not the spotter).

COVER

When the bullets start flying, you'll want to seek cover asap. In a hex with a terrain type that can provide cover (page xx), you can spend a fast action to seek solid cover. Your cover will only be effective in one direction, covering a 180-degree arc – i.e. three sides of the hex you currently occupy. To indicate this, place a **COVER** marker next to the token for your character, in the direction of cover.

SAME HEX: Your cover has no effect against ranged attacks from an enemy occupying the same hex as you, unless you're on opposite sides of a barrier crossing the hex (below). Read more about ranged combat on page xx.

TERRAIN TYPES

TERRAIN	PAVEMENT	FIELD	SHRUBLAND	DEBRIS	FOREST	FOLIAGE	SWAMP	SHALLOW WATER	BLOCKING
									
VISIBILITY	∞	∞	∞	∞	3	1	∞	∞	0
RANGED ATTACKS	–	–	–1	–1	–1	–2	–	–	n/a
MOVEMENT	–	–	–1	–2	–1	–3	Special	Special	–
COVER	No	No	No	Yes (3)	Yes (2)	Yes (2)	No	No	Full
INFILTRATION	–2	–1	–	+1	+1	+2	+1	–	–

NO HEXES? If you are playing without a map, or on a map without hexes, the Referee has the final word on whether your cover is effective or not.

ELEVATION

Elevated terrain is marked by contour lines or a brighter color on the battle maps. Elevated terrain can block line of sight and moving from lower to higher ground reduces movement speed (page xx). In addition, ranged attacks from an elevated position gain a +1 modifier.

BARRIERS

Barriers are another important terrain feature. The term encompasses any linear solid obstacle and includes indoor and outdoor walls, as well as sandbags and coils of barbed wire. Barriers can be tall, blocking visibility completely, or low, blocking visibility only to prone fighters. A barrier can also provide cover against attacks from the other side of it. See the table on page xx.

DIVIDED HEXES: Barriers often cut through hexes. In a hex divided by a barrier, you need to define which side of the barrier you are on and place your token accordingly. You cannot strike an enemy on the other side of a barrier in close combat even if you are in the same hex. This goes even for a low barrier.

CROSSING BARRIERS: As a general rule, a low barrier can be jumped over with a **MOBILITY** roll (fast action). Note that this action does not move you out of the hex, unless the barrier happens to follow the hex border exactly. Climbing over a tall barrier also requires a **MOBILITY** roll, but it's a slow action. Some tall barriers can't be crossed (such as an indoor wall).

BARBED WIRE is a type of barrier that does not block visibility, but crossing it requires a **MOBILITY** roll. Regardless of whether or not the roll is successful, crossing barbed wire inflicts 1 point of damage. Military grade concertina wire obstacles give a -2 modifier to crossing, and a failed roll results in an automatic critical injury to the legs.

DOORWAYS: A wall with a door or open doorway still counts as a barrier. Moving through an unlocked door or doorway to the other side of the barrier is a fast action. A locked door must either be opened by picking the lock (**TECH** roll, takes one stretch) or by breaking it down. A typical wooden door can take 5 points of damage before it falls apart. More sturdy doors require more force, and usually have an Armor Rating as well.

TYPICAL BARRIERS

BARRIER	HEIGHT	ARMOR RATING
Concrete Wall	Tall	3
Brick Wall	Low	2
House Wall	Tall	2
Indoor Wall	Tall	1
Sandbags	Low	4 or more
Barbed Wire	Low	—

SMOKE

Dense smoke can be created by smoke grenades (see page xx) or natural fires. Use the **SMOKE** markers to mark dense smoke on the map. A single hex filled by smoke blocks visibility completely, both out of and into the hex. Smoke from a smoke grenade will dissipate over time. Roll a D6 at the start of each round for each smoke marker on the battle map – on a result of 1 or 2, remove it. Thermal optics (page xx) can see through smoke.



WEATHER & DARKNESS

Adverse weather conditions (page xx), dim light and darkness can reduce visibility. The table on page xx indicates the maximum visibility in hexes. If several factors apply, and in terrain with limited visibility, use the lowest applicable visibility limit. Weather and darkness also give you negative modifiers to **RANGED COMBAT** and **RECON** (when scouting). These modifiers are cumulative.

LIGHT SOURCES: Visibility limits for darkness do not apply if the target emits any light (including a lit cigarette). Discharging a firearm will cause you to lose any cover provided by being in darkness until your next turn.

NIGHT VISION: Night vision goggles negate the effects of darkness up to a certain distance (page xx). Thermal optics are even more effective, fully negating the effects of smoke, rain, and fog.

SEARCHLIGHTS: A powerful searchlight will light up an area of the battlefield and remove the effects of darkness. A typical searchlight has a range of 10 hexes, but only in a specific direction (see the diagram below). All targets within the illuminated area can be seen at any distance (barring terrain and weather).

SEARCHLIGHT AREA OF EFFECT



FLARES: Illumination rounds fired by grenade launchers and mortars can also light up the battlefield. All targets within the illuminated area can be seen at any distance (barring terrain and weather). Read more on page xx.

WEATHER & DARKNESS

CIRCUMSTANCE	VISIBILITY (IN HEXES)	RANGED COMBAT AND RECON
Heavy rain	20	-1
Dense fog	10	-1
Dusk	20	-1
Moonlight	15	-2
Starlight	10	-2
Cloudy Night	5	-2

LINE OF SIGHT


To be able to see and fire at something, you need line of sight to it. Draw a line between the center dot of your hex and the center dot of the target hex. If the line passes through any of the below, your line of sight is blocked.

- ★ A tall barrier
- ★ A hex with blocking terrain
- ★ A hex at a higher elevation than both you and your enemy
- ★ A hex filled by dense **SMOKE** (even your own hex or the target hex)
- ★ Three hexes of forest or one hex of foliage (*not* counting your hex *nor* the target hex)
- ★ A number of hexes in excess of the visibility limit due to darkness or weather

If none of the above apply, you have line of sight to your target.

NO HEXES? If you are playing without a battle map, or a map without hexes, the Referee has final say on whether you have line of sight or not.

FOOT MOVEMENT

In a single (fast) action, you can run two hexes without rolling dice. To move further, you need to make a **MOBILITY** roll, modified by the terrain of the hex you're in. For each  you roll, you can move an additional hex. If you fail the roll, you move no further. If you roll a mishap, you fall.

STANCE: In order to run, you must be standing up. Going from a prone position to standing up is a fast action. Dropping to the ground is a free action, but it can only be done on your own turn. Use your character token to indicate your stance – one side shows you standing, the other prone.

CRAWLING: If you are prone, you can't run. Instead, you must crawl. Crawling works exactly like running, but it's a slow action. That means you can't crawl twice in the same round. Difficult terrain and carrying a backpack affect crawling just like running.

TERRAIN: In certain terrain, you get a negative modifier to your **MOBILITY** roll (page xx) for extra movement.

BACKPACK: Remember that carrying a backpack gives you a -2 modifier to all **MOBILITY** rolls. It might be a good idea to drop your backpack before going into combat.

ELEVATION: Moving into a hex of higher terrain (page xx) counts as moving two hexes instead of one. You cannot move half a hex, so any unused movement is forfeited.

CLOSE COMBAT: If you have an active and aware enemy in the same hex, you can't simply move away from them. Instead, you must retreat (page xx).

VEHICLES: Movement for vehicles is handled differently. Read more on page xx.

NPC MOVEMENT

A group of similar NPCs in the same hex can move together, making a single **MOBILITY** roll for extra movement.

AMBUSH

The key to winning a conflict is often attacking when your enemy least expects it. When you stalk someone to attack them unawares, it's called an *ambush*. First, make an opposed **RECON** roll against your target, modified by any relevant terrain (modifying your roll) and darkness (modifying the spotter's roll). You also get a modifier to your roll depending on how close you want to get (see the table on page xx). If you want to ambush in close combat, you need to move into the same hex as your target. If you fail, your opponent spots you at your starting distance – draw initiative.

EFFECT: If you succeed, you automatically get the #1 initiative card in the first round of combat. An ambush in the same hex as the target (no matter if it's in close or ranged combat) gets a +3 modifier. Also, your target cannot block an ambush attack.

GROUP AMBUSHES: Ambushes can be carried out by a group and against a group of targets. This follows the usual rules for sneaking – the person with the lowest **RECON** skill level rolls for the attackers, while the target with highest **RECON** skill level rolls for the targets. If you succeed, you get all of the top initiative cards, equal to the number of fighters on your side – i.e. if there are four attackers, you get cards #1 to #4. You can distribute these as you see fit. The target(s) draw initiative from amongst the remaining cards.

WAYLAYING: If you lie in wait for an enemy to attack them as they pass, roll **RECON** to set up the ambush. This is a slow action. If you spend a

stretch (5–10 minutes) or more to set up, you get a +2 modifier. If you spend a shift or more, you get +3. You can push the roll as normal. Record the number of ☉ you roll.

When the enemy comes within visual range, they must make a passive and unmodified **RECON** roll (not pushed) to spot you. This still counts as an opposed roll, meaning you need to have more ☉ than the enemy to remain hidden.

If you fail your initial roll to set up the ambush, you must find another spot to place your ambush (another hex), or the enemy will automatically spot you when they come within visual range.

VEHICLES: You can never ambush someone in a moving vehicle. You can, however, use a stationary vehicle when waylaying enemies (above), if you spend at least a stretch setting it up.

AMBUSHING

RANGE	RECON MODIFIER
Same hex	-2
1 hex	-1
2–5 hexes	0
6–20 hexes	+1
21+ hexes	+2

SOCIAL CONFLICT

Sometimes, you can make things go your way without resorting to violence. Instead, you trick or convince your opponents without drawing your weapon. This might even be possible in the midst of combat, if the Referee judges it plausible. For non-violent conflicts, use the **PERSUASION** skill.

What you ask of your opponent or what you want them to do must be within reason – no NPC will agree to do anything or act completely against their own interests, no matter how good your roll is.

RESOLUTION

When you try to convince, bluff, or charm someone, make an opposed roll for **PERSUASION** against your opponent. It only counts as a (slow) action for you, the active party. If you successfully **PERSUADE** your opponent, they must either do what you want or immediately escalate the conflict and attack you with physical violence.

Even if your opponent chooses to do what you want, they can still demand something in return. The Referee decides what that is, but it should be reasonable enough for you to be able to meet the demands. It is up to you to accept the agreement or not.

NEGOTIATING POSITION

Your chances of manipulating someone successfully are affected by your negotiating position. Each of the following factors modifies your roll by +1 (or more, at the Referee's discretion):

- ★ You have more people on your side.
- ★ What you ask for doesn't cost your opponent anything.
- ★ Your opponent has suffered damage or stress.
- ★ Your opponent is sick (page xx).
- ★ Your opponent is held captive by you.
- ★ You have helped your opponent previously.
- ★ You present your case very well (determined by the Referee).
- ★ You outrank your opponent (only applies if you're both military of the same nationality).

Each of the following factors modifies your roll by -1.

- ★ Your opponent has more people on their side.
- ★ You ask for something valuable or dangerous.
- ★ Your opponent has nothing to gain by helping you.
- ★ You are held captive by your opponent.
- ★ You are having trouble understanding each other.
- ★ You are not in the same hex (more than 5 meters apart).
- ★ Your opponent outranks you (only applies if you're both military of the same nationality).

PERSUADING A GROUP

When you want to **PERSUADE** a whole group, you usually address the group's leader or spokesperson. Remember that your roll is modified by -1 if your opponent has more people on their side. If you reach an agreement with the leader, the rest of the

group usually follows. If there is no given leader, each opponent acts individually.

BEING PERSUADED

NPCs and other PCs can **PERSUADE** you. If their roll succeeds, you must attack or offer a deal of some kind. Then it is up to the Referee (or the other player) to decide whether your adversary accepts or not.

INTERROGATION

When you interrogate a prisoner to gain information, roll against their **STAMINA** instead of their **PERSUASION**. You get a +1 modifier for your opponent being held captive.

EXAMPLE

Kasia, wanting to avoid a violent confrontation with the marauder, uses her slow action to try to persuade the marauder in the farmhouse to back off. Having EMP B and PERSUASION C, she rolls a D10 and a D8 against just a D6 for the marauder who has EMP D and no skill level. She rolls two successes against his none – the marauder must now either back off or attack. The Referee decides that he attacks.

CLOSE COMBAT

When you attack in close combat, use the **CLOSE COMBAT** skill. Close combat happens in the same hex as your target. There can be no barrier between you and your target. If there is, you must first cross the barrier. Cover has no effect against close combat attacks.

DAMAGE: If your roll succeeds, you hit your adversary and inflict your weapon's base damage rating on them. Each extra ☉ rolled will increase the damage by one step. Roll for a random hit location (page xx) and apply the effects of armor (page xx).



CRITICAL INJURY: If the damage done is equal to or higher than the crit threshold of your weapon, after mitigation by armor or cover, you inflict a critical injury on the target (page xx).

MISHAP: If you suffer a mishap (page xx) in close combat, it typically means you drop or break your weapon. If you fight unarmed, a mishap means you strike a solid object and inflict 1 point of damage on yourself.

STANCE

To be able to attack an opponent in close combat, you need to be standing. Getting up is a fast action. The exception is the shove attack (page xx), which can be done even if you are prone, but with a –2 modifier. If you are standing and attack a prone target, you get a +2 modifier. If you attack a defenseless or unaware target, you get a +3 modifier. This is not further increased if the target is prone.

AIMED BLOWS

If you want your strike to hit a specific part of your target's body – the head, the torso, the legs or the arms – you need to make an aimed blow. Aimed blows suffer a –2 modifier.

BLOCKING

When an enemy attacks you in close combat, you can block his attack to avoid being hit. This is a fast action. You must declare that you are attempting to block the attack before the attacker rolls for their strike. Every ☉ you roll eliminates one ☉ from the attacker's roll. Excess ☉ have no effect.

Blocking is technically not an opposed roll, so you can push it, declaring that you wish to do so after the attacker has declared (and performed) any push.

REACTIVE ACTION: Blocking is a reactive action that breaks the turn order. However, it does count against your two available actions in the round (one slow and one fast). For every block you perform, you get one less action when it is your turn, and once you have used both your actions during the round for blocks, you can no longer block further attacks. All actions are refreshed at the beginning of each new round. You can never save unused actions from one round to the next.

BLOCKING UNARMED: To effectively block an armed melee attack, you need to wield a weapon too. Even a firearm or some other sturdy object works. If you are unarmed, you can still block an armed melee attack, but you will not eliminate any ☉ rolled by the attacker – the only effect is that any critical hits will hit your arms instead of a random body part.

DIVING BLOW

If you, in a single round, first run into the same hex as an enemy and then strike them with an unarmed blow, you get a +2 modifier to the attack. This is called a diving blow. If the attack hits, you inflict damage normally, and both you and the target fall prone. If the attack fails, only you fall to the ground. Diving blows can be blocked.

SHOVE

As a fast action, you can try to shove or trip an enemy to the ground. Roll for **CLOSE COMBAT**. If your opponent has higher STR than you, two ☉ are required to succeed, otherwise one is enough. If you are successful, your opponent falls to the ground. The shove action itself causes no damage, and any additional ☉ have no effect. Your opponent can block the attack (see above). You trip an opponent in the same hex even if you are prone, but you get a –2 modifier to the attack.

DISARM

As a fast action, you can try to wrestle a weapon or other object from your opponent's hands. Roll for **CLOSE COMBAT**. Dislodging an item held in one hand requires one ☉, while two ☉ are required if it's held in two hands. If you succeed, your opponent drops the item, which lands on the ground in the same hex. The disarm action itself causes no damage, and any excess ☉ have no effect. Your enemy can block your attempt to disarm them.

GRAPPLING

As a slow action, you can attempt to grapple your opponent. Roll for **CLOSE COMBAT**. No weapon can be used. The grapple can be blocked. If the attack succeeds, both of you fall to the ground. The opponent drops any weapon they were holding and cannot move. The only action they can perform is to try to break free – which is a slow action and requires them winning an opposed **CLOSE COMBAT** roll against you. While you are grappling, the only action you can perform is a grapple attack. This works as a normal unarmed attack but is a fast action and cannot be blocked.

RETREAT

If you have an active enemy in the same hex as you and there is no barrier (page xx) between you, you must make a **MOBILITY** roll to move out of the hex. If you fail, you still move but your enemy gets an immediate, free close combat attack against you. The free attack occurs out of turn order and it doesn't count toward their actions in the round. You cannot block it.

NPC MELEE ATTACKS

A group of enemy NPCs in your hex can attack you together in close combat. Only one of them rolls for the attack and the others help, each giving a +1 modifier (up to a maximum bonus of +3).

EXAMPLE

The marauder, being in the same hex as Kasia, swings his rifle butt at her. With STR B and CLOSE COMBAT C, he rolls a D10 and a D8. Kasia has still not used her fast action in the round, so she decides to block the strike with the club she carries. She has D in both STR and CLOSE COMBAT, so she rolls two D6s. The marauder rolls one ☉, Kasia none. She decides to push, and re-rolls – now she gets a ☉ and successfully blocks the strike.

RANGED COMBAT

To attack someone from a distance, roll for **RANGED COMBAT**. You need to have line of sight to your target (except for indirect fire, page xx). You also need a ranged weapon, even if it's simply something to throw. Chapter 5 describes a variety of firearms and other ranged weapons. Firing a weapon is a slow action.

DAMAGE: If your attack succeeds, you hit your target and inflict your weapon's base damage rating on them. Each extra ☉ rolled will increase the damage by 1. Roll for a random hit location (page xx) and apply the effects of armor (page xx).

CRITICAL INJURY: If the damage inflicted is equal to or higher than the crit threshold of your weapon, after mitigation by armor and cover, you also inflict a critical injury on the target (page xx).

AMMUNITION

Firearms store ammunition in a magazine or an ammo belt. How much ammo your weapon can hold is indicated by its Mag rating. A weapon can only be loaded with ammo of the correct caliber, as indicated in the Ammo column in the firearm listings.

AMMO DICE: Firearms give you ammo dice to add to your skill roll. Six such tan colored D6s are included in this boxed set. You can add as many ammo dice to your attack as you like, from a minimum of one up to the rate of fire (RoF) rating of your weapon.

Rolling a 6 on an ammo die is a success just like with a D6 base die, but successes on ammo dice do not contribute to hitting your target. Instead, successes on ammo dice have these specific effects:

- ★ If your attack hits (checking only the base dice), each success on your ammo dice means an additional hit – either on the same target or on a secondary target in the same hex. You cannot choose a secondary target that would have been harder to hit directly than the primary target (e.g. you can't choose a prone secondary target if the primary target was standing up). The additional hits inflict base damage only, not increased by extra ☉ rolled (but see the NPC rules on page xx). Roll hit location (page xx) and apply the effects of armor separately for each hit.
- ★ If your attack misses, rolling one or more successes on your ammo dice means that the target can still be suppressed (page xx).

The six (6) side of the engraved ammo dice is marked with the ✂ symbol instead of ☉, to indicate the different effect from successes on ammo dice.

If you push a skill roll (see page xx), you must reroll all ammo dice not showing a 1 as well.

AMMO SPENT: After your roll (and any reroll), you need to sum up the D6 digits on all of your ammo dice. This sum is the total amount of ammunition spent on the attack.

If the ammo spent on the attack is more than what you have left in the magazine, your magazine is completely emptied and you must remove ammo dice from your attack to bring the ammo spent down to what you had left in the magazine or less. You can decide which dice to remove. If all ammo dice are removed (because even

the lowest ammo die shows a number higher than the number of bullets left in the magazine), the attack still happens, and the magazine is emptied.

RELOADING: Once your magazine is depleted, you need to reload your weapon. Roll for **RANGED COMBAT** – if you succeed, reloading is a fast action. If you fail, it's a slow action. You may attempt to reload even if you only have a fast action left in the round, but if you fail the roll, the action is forfeit. The roll itself is not an action.

TRACKING AMMO: You must always keep careful track of how much ammo you have in your magazine or belt, and how many magazines or ammo belts you carry.

- ★ Mark down ammo spent in the current magazine or belt, using tally marks or digits, on the character sheet, in the indicated space for your weapon. When you reload, erase the tally marks and start over.
- ★ Note how many full magazines and ammo belts you have in your inventory. A magazine weighs ¼ of an encumbrance unit (page xx), while an ammo belt is one full unit. When you reload, erase the spent magazine or belt from your inventory.

If you run out of ammo, you need to buy, steal or manufacture more (see chapter 5).

HEAVY WEAPONS such as RPGs, grenade launchers, mortars and howitzers don't use ammo dice. Instead, each attack consumes one round of ammo.

BOWS AND THROWN weapons also don't give you ammo dice. Each time you shoot a bow, one arrow or thrown weapon is used. You can retrieve them from the target (requires a slow action and a **MEDICAL AID** roll, failure inflicts 1 point of damage on the victim), or from the ground in the target hex if you missed (fast action), and use them again.

Bows don't need reloading, but before you fire a bow, you need to prepare the weapon by nocking an arrow. This is a fast action for bows and a slow action for crossbows. After you have prepared a bow (not a crossbow), you can't perform any action other than to aim and shoot – if you do, you'll need to prepare the weapon again. Thrown weapons don't need to be prepared before an attack.

NPC RANGED ATTACKS

A group of similarly armed NPCs in the same hex can perform a ranged attack together. Only one of them rolls for the attack and the others just add their ammo dice to the roll.



MISHAPS & RELIABILITY

Ammo dice also have a ★ symbol on the one (1) side. These count toward your risk of a mishap (page xx), so the more ammo dice you use, the higher the chance of a mishap. You suffer a mishap if two or more dice show a 1, no matter if they are base dice or ammo dice.

If you lack a skill level for the weapon you use, rolling just a single 1, on any die, will trigger a mishap. Note that this means firing guns without any skill level in **RANGED COMBAT** runs a high risk of triggering a mishap, especially if the weapon has a high rate of fire.

RELIABILITY: All firearms listed in chapter 5 have a reliability rating from A to D, indicating how liable the weapon is to jam or even break. A is the best rating and D is the worst, just like for attributes and skills. When you roll a mishap as part of an attack with a firearm, two things happen:

- ★ The reliability rating of your weapon is reduced one step. If it drops below D, the weapon breaks after the current attack and must be repaired before it can be used again.
- ★ Roll two base dice corresponding to the (now reduced) reliability rating of your weapon. If this roll fails, your weapon jams after the current attack. Clearing a jammed weapon is a slow action and requires a **TECH** roll. If the **TECH** roll fails, your weapon breaks.

REPAIRS: A broken weapon needs to be repaired (page xx) before it can be used again, at reliability D. Restoring a reduced reliability rating one step also requires a shift of repairs, but no spare part is needed. The reliability of a weapon cannot go above its maximum rating as per the weapon lists.

BOWS & THROWN WEAPONS: Bows and thrown weapons don't have reliability ratings. Instead, the Referee decides the effect of a mishap – the weapon might break or hit an unintended target.

NPC MISHAPS & AMMO

For NPCs, the Referee doesn't need to track ammo or weapon reliability. Instead, a mishap roll (two or more dice showing a 1), indicates that the weapon is empty and needs to be reloaded. In a group attack by NPCs, all of them need to reload if they roll a mishap.

AIMING

Before you fire, you need to spend a fast action to aim at your target. If you don't, your attack counts as a quick shot and suffers a –2 penalty. If you do anything else except shoot your weapon after you have aimed, you lose the effect of the aim and you need to spend another fast action to aim again. You can fire repeatedly at the same target without breaking your aim.

TELESCOPIC SIGHTS: If your weapon has a telescopic sight, you can aim as a slow action (instead of a fast action) and get a +2 bonus to your roll. You need a stable platform to fire from (such as cover or a bipod, or the ground if you're prone) and only one ammo die can be used in the attack. Note that this means you cannot aim and fire in the same round.

RANGE

The ranged weapons table indicates the **SHORT** range of each weapon, in hexes. Up to twice the short range is called **MEDIUM** range. Up to twice **MEDIUM** range (i.e. four times **SHORT** range) is **LONG** range, and up to twice **LONG** range (eight times **SHORT** range) is **EXTREME** range, which is the maximum range at which it's possible to hit a target effectively.

- ★ Firing at **MEDIUM** range gives you a –1 modifier.
- ★ Firing at **LONG** range gives you a –2 modifier.
- ★ Firing at **EXTREME** range gives you a –3 modifier.

FIRING IN CLOSE COMBAT: If an enemy has attacked you in close combat since your last turn and remains active (not incapacitated) in the same hex as you, all ranged combat attacks you make get a –3 modifier until this opponent's next turn.

DEFENSELESS TARGETS: If your target is in the same hex and immobile or unaware of you, you gain a +3 bonus to your attack.

SHOTGUNS: For shotguns, range gives no negative modifier to hit. Instead, the base damage is reduced by 1 at **MEDIUM** range, by 2 at **LONG** range, and by 3 at **EXTREME** range. Note that the base damage at **EXTREME** range for most shotguns will be zero, meaning you'll need two ☉ to inflict 1 point of damage. Even a hit that inflicts no damage can cause suppression.

STANCE

Firing at a prone target gives you a –2 modifier – unless the target is in the same hex, in which case being prone provides no protection. Remember, dropping to the ground requires no action but can only be done on your own turn. Standing up is a fast action.

COVER

You can, as a fast action, take cover in a hex with the appropriate terrain type (page xx) or next to a barrier (page xx). Remember, cover only works in a specified direction, i.e. not against attacks from the side or behind. See the diagram on page xx.

Cover does not modify the hit chance, but gives you an armor rating for body parts behind the cover – torso and legs if you want to be able to fire yourself, as you'll need to expose your arms and head. Read more about hit locations and armor on page xx.

CALLED SHOTS

If you want your attack to hit a specific part of your target's body – the head, the torso, a leg or an arm – you need to make a called shot. Called shots suffer a –2 modifier.

MOVING TARGET

If your target has moved since your previous turn, your shot gets a –2 modifier.

TARGET SIZE

Firing at a large target, such as a vehicle, gives you a +2 modifier to the attack. Firing at a small object, such as a porthole, suitcase, or hand-held weapon, gives a –2 modifier.

ELEVATION

When firing from a hex at a higher elevation than the target (page xx), you gain a +1 modifier.

TERRAIN, WEATHER & DARKNESS

The terrain of the target hex can give you a -1 or even a -2 modifier (page xx), unless the target is in the same hex as you.

Heavy rain, fog, and strong winds can give you a negative modifier to ranged attacks. The modifier is typically -1 but can be higher at the Referee's discretion.

At dusk or in a dimly lit room, you suffer a -1 modifier to your shot. At night or in a dark room with only a little light, you suffer a -2 modifier. You cannot hit a target in total darkness. Night vision goggles and thermal optics (page xx) can negate the effects of darkness.

MACHINE GUNS

All machine guns are fired using the **HEAVY WEAPONS** skill. There are three types, as indicated in the weapon lists.

LIGHT (LMG): Normally fired from a bipod. Can be fired when carried, but with a -2 modifier.


GENERAL PURPOSE (GPMG): Normally fired from a bipod, tripod or vehicle mount. Can be fired when carried, with a -3 modifier.

HEAVY (HMG): Can only be fired from a tripod or a vehicle mount.

ONE-HANDED SHOOTING

You can fire a pistol with one hand without penalty. Submachine guns can be fired one-handed, but you get a -2 modifier to your roll. Rifles and assault rifles can be fired one-handed, but only at **SHORT** range and with a -3 modifier. Machine guns can never be fired one-handed.

SUPPRESSION

If you are hit by enemy fire, or if one or more ammo dice (page xx) in a failed attack against you show , you must immediately make a coolness under fire roll. Roll one base die for your current CUF score. If you have line of sight to any non-incapacitated friendly fighter, also roll a base die for the current unit morale score of your unit. The CUF roll does not count as an action. As it's not a skill roll, you cannot push a CUF roll if you fail.

Only firearms, heavy weapons and explosions can trigger suppression – not attacks with bows and thrown weapons.

If your CUF roll fails, you are suppressed. This means that you immediately drop prone, suffer 1 point of stress, and cannot perform any reactive actions until your next turn. To indicate that you are suppressed, place a **SUPPRESSED** marker on your token on the battle map.

RECOVERY: On your next turn, roll CUF again to recover from suppression. If the roll fails again, you lose both actions on this turn. If you succeed, you can perform a slow action, but you lose your fast action. In either case, you are no longer suppressed – remove the marker.

RANGED FIRE MODIFICATIONS

FACTOR	MODIFIER
Quick shot (no aim)	-2
Fast aim	-
Telescopic sight (slow)	+2
Called shot	-2
Defenseless target in same hex	+3
In close combat	-3
Short range	-
Medium range	-1
Long range	-2
Extreme range	-3
Target prone (not in same hex)	-2
Moving target	-2
Firing from moving vehicle	-2
Large target	+2
Small target	-2
Elevated position	+1
Target hex terrain	-1/-2
Dim light	-1
Darkness	-2
Heavy rain or wind	-1

PANIC SPREADS: If you fail a CUF roll and get suppressed, all friendly fighters in the same hex as you must also immediately make CUF rolls to avoid suppression too.

VEHICLES: A target fully inside a vehicle cannot be suppressed, but they can be forced to bail out (page xx).

SUPPRESSION AND NPCS

The Referee can apply the effects of a CUF roll for an NPC to all NPCs with similar stats in the same hex, placing a **SUPPRESSED** marker on top of the stack to indicate this. The Referee can also rule that a civilian or less experienced fighter automatically fails all CUF rolls, applying the effect to all similar NPCS in the same hex.

EXAMPLE

Outside the farmhouse, Ronson and Diaz have company. Six more marauders come walking up the road carrying AK-47s, about 100 meters away. Ronson and

Diaz roll **RECON** to hide but fail the opposed roll – the marauders have spotted them! The Referee splits the marauders into two groups, one hex apart. One initiative card is drawn for each and they get a 4 and a 9. Ronson draws a 2 and Diaz a 5. Ronson goes first!

Having his M249 ready, he drops prone (free action), aims (fast action) and opens fire (slow action) at one of the marauder groups. He decides to use the full rate of fire of the SAW and grabs six ammo dice. The marauders are at **MEDIUM** range, but this –1 modifier is offset by his Machinegunner specialty. With **AGL B** and **RANGED COMBAT C**, he rolls a D10 and a D8 base dice, but gets unlucky and rolls no ☉!

One of the ammo dice shows ☉ however, so the enemy group would still be suppressed (the Referee uses the simplified rules for NPCs), but Ronson decides to push the roll. One ammo die shows a ✂ so Ronson's player must leave that die on the table, re-rolling the rest of the ammo dice and both base dice. Now he gets two ☉ on his base dice, and one on his ammo dice – he hits two enemies! All three in the group are suppressed, dropping prone (as they are minor NPCs, the Referee makes no CUF rolls for them).

Ronson's ammo dice (when re-rolled) show 6, 5, 3, 1, 1 – meaning he spent 21 rounds of ammo on the attack. Unfortunately for Ronson, as two of his ammo dice came up ✂, he must make a reliability roll. The SAW has reliability B. Ronson rolls two D10s and succeeds. The SAW doesn't jam, but its reliability drops to C. He'd better do some serious gun service after the battle – if he survives.

OVERWATCH

As a fast action, you can assume an overwatch position in a specified direction, as long as you have a ranged weapon and no enemies in your hex. Just like cover, overwatch must be directed at a specific field of fire, covering three sides of your hex as per the diagram on page xx. To indicate this, place an **OVERWATCH** marker underneath your token.

Between now and your next turn, you can fire your weapon once against a target in the chosen direction. You can fire whenever you want in the round, breaking the initiative order. Your shot is resolved before all other actions, even if they are already declared.

For example, if an enemy in your field of fire declares that they want to fire a weapon, you can shoot first. The enemy is not allowed to change their attack after your overwatch attack.

Firing when in overwatch position counts as a normal, aimed, ranged attack (a slow action). Therefore, you must save your slow action in the round to be able to make an overwatch attack. You can only make one overwatch attack per round.

If both you and an enemy assume overwatch posi-

tions against each other, and both choose to fire against each other, an opposed **RANGED COMBAT** roll determines which attack goes first. This roll does not count as an action for either of you.

LOSING OVERWATCH: You keep your overwatch position as long as you do nothing but shoot in the chosen direction. If you perform any other action, the overwatch position is lost. It is also immediately lost if any of the following occurs:

- ★ You are attacked in close combat.
- ★ You suffer damage.
- ★ You are suppressed.

FRIENDLY FIRE

You can fire at a target even if your line of fire crosses a hex where one or more friendly fighters are located, but these friendlies must all immediately make CUF rolls to avoid being suppressed. Also, if your shot misses, roll a D6 base die – on a ✂ a random friendly is hit instead, suffering base weapon damage.

EXPLOSIONS

The strength of an explosion is measured in its blast power, typically ranging from A to D (just like a skill level), where A is the most powerful explosion. The blast power has its full value in the hex where the detonation takes place and is reduced one step (toward D) for each hex away from the detonation point. If the blast power is reduced below D, the explosion has no effect.

EFFECTIVE BLAST POWER FOR AN EXPLOSION OF BLAST POWER A



BLAST DAMAGE

When an explosive detonates, roll *two base dice* of the type corresponding to the modified blast power once for each person within range of the explosion. See the table on page xx, which also indicates the base damage rating, crit rating, and armor modifier of the explosion. The roll cannot be pushed.

If one or more ☉ is rolled, the target is hit by the blast. The damage done is increased by 1 for each additional ☉ rolled beyond the first. Roll the hit location normally. In addition to damage, any person hit by the blast is knocked prone and must make an immediate coolness under fire roll (page xx).

PRONE: If the target is prone, the blast power is reduced one step.

COVER: Light cover (page xx) has no effect against explosions. Solid cover provides protection against shielded hit locations, just like for a ranged attack (page xx) – unless the explosion occurs in the same hex as the target, in which case even solid cover has no effect.

EXPLOSIONS

BLAST POWER	DICE	DAMAGE	CRIT	ARMOR
A	2xD12	4	3	+1
B	2xD10	3	3	+1
C	2xD8	2	3	+1
D	2xD6	1	2	+1

EXPLOSIONS & NPCs

The Referee doesn't need to roll separately for each NPC hit by an explosion. Instead, roll once for all NPCs at the same distance from the blast and apply the result to all of them.

EXAMPLE

A hand grenade (blast power C) explodes in the same hex as Diaz. Two D8s are rolled, and both come up ☉. The blast inflicts 3 points of damage (base damage 2 plus the extra ☉). The shrapnel hits Diaz's torso, and fortunately she's wearing a flak jacket. Due to the explosion armor modifier of +1 the flak jacket's armor rating counts as 2, reducing the damage to 1. Diaz is also thrown to the ground and needs to make a CUF roll. Without the flak jacket, Diaz would have suffered 3 points of damage and taken a critical injury to her torso.

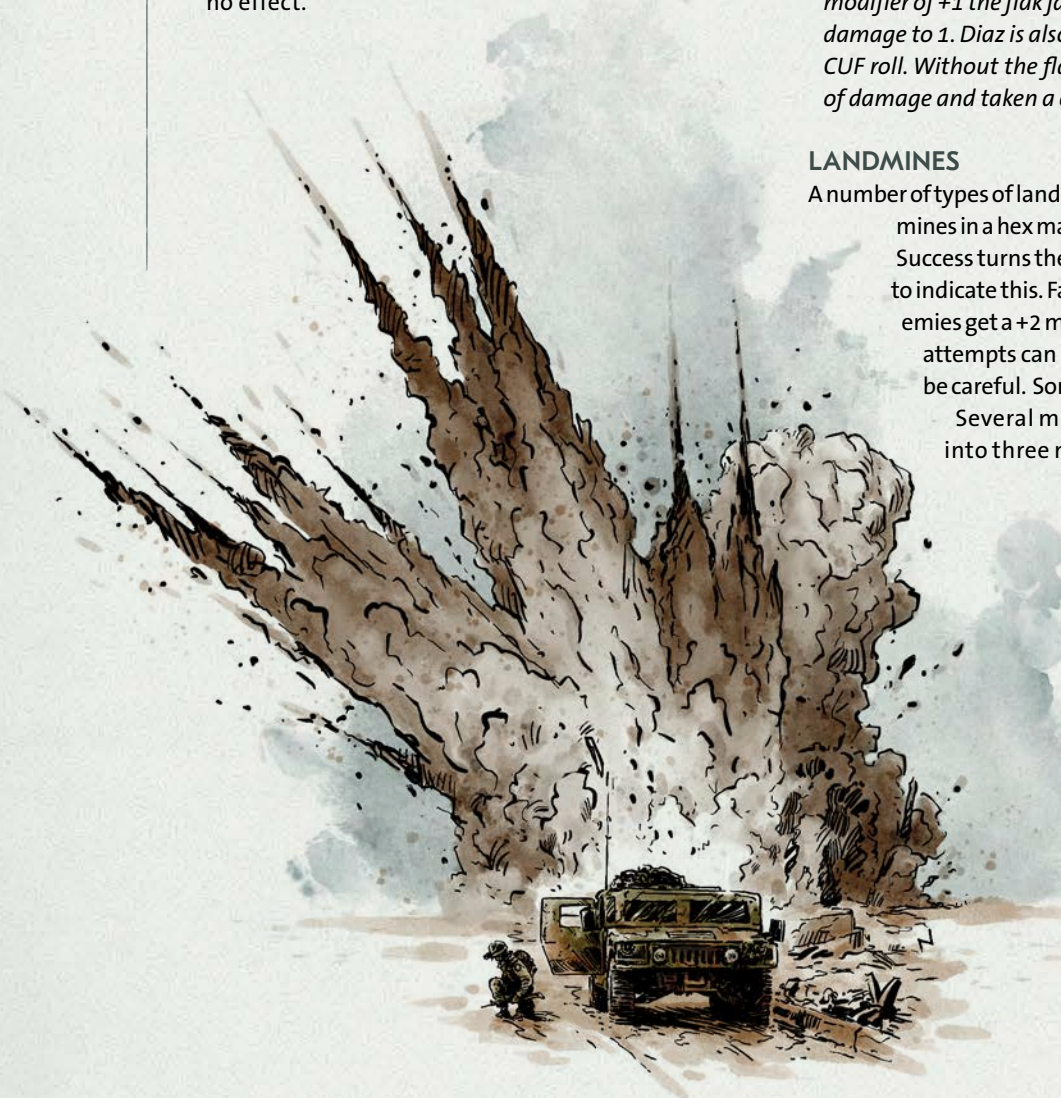
LANDMINES

A number of types of landmines are described in chapter 5. Placing landmines in a hex manually requires a stretch of work and a TECH roll. Success turns the hex into a minefield – place a MINE token on it to indicate this. Failure means the mines are still placed, but enemies get a +2 modifier to RECON to spot them (below). Multiple attempts can be made. A mishap will detonate the mine, so be careful. Some types of mines can be scattered by artillery.

Several mine models are listed in chapter 5. They fall into three main categories: anti-personnel, anti-tank, and directional.

ANTI-PERSONNEL MINES: These come in many forms, but the most basic type, called blast mines, detonate when stepped upon. At least one blast mine is placed in each hex. Their primary purpose is to blow the victim's foot or leg off, disabling the victim rather than killing them.

Detecting a field of blast mines requires a successful RECON roll (passive). If you move unawares into a minefield, the Referee rolls a D6 for every hex you traverse. If the roll is equal to or less than the number of mines in the hex, your trigger a mine.



To move through a detected minefield without setting off a mine, you must walk very slowly (one hex per action instead of two, and no additional movement is possible). You also need to make another **RECON** roll (no action) for each hex you move into. If you fail, roll for detonation as per above. If several people move together in a line, only the leader needs to roll to detect mines – the others can follow in their footsteps.

If you trigger a blast mine, you suffer direct damage your legs equal to the unmodified damage rating of the mine. The mine also triggers an explosion in the hex, which can cause further damage to you and others.

ANTI-TANK MINES: These are larger and more powerful than anti-personnel mines and require more pressure to be detonated, and thus cannot be triggered by a person, only vehicles. Only one is typically placed in each hex.

Spotting anti-tank mines is easier than blast mines (+2 modifier) but this is canceled by a –2 modifier if the **RECON** roll is made from a vehicle. Driving unawares into a mined hex will automatically trigger the mine. Driving through a detected minefield without setting off the mine requires very slow driving (one hex per round) and a successful **DRIVING** roll for each hex.

When an anti-tank mine is triggered, the vehicle suffers direct damage equal to the unmodified damage rating of the mine. Use the rear armor rating of the vehicle. The mine also triggers an explosion in the hex.

DIRECTIONAL MINES are placed individually, not in minefields, and they are detonated remotely, usually by a tripwire. Directional mines do not inflict any direct damage, only blast damage, and only in an arc in front of the device (typically about 60 degrees). However, the blast power is only decreased one step for every three hexes from the point of detonation instead of every hex – see the diagram on page xx.

CLEARING MINES is dangerous work. Clearing a hex of mines requires at least a stretch of work and a **TECH** roll. Failure will detonate a mine. You will need at least a knife or a stick. More advanced gear can give you positive modifiers.

IEDS

Improvised explosive devices can be very effective weapons. Setting up and arming an IED requires explosives (page xx), spare parts, a shift of work, and a successful **TECH** roll. You can set up the IED to be triggered by a tripwire or pressure plate, effectively turning the IED into a mine (this requires one general spare part) or by an electronic remote control or timer (requiring one electronic and one general spare part). A mishap will detonate the device, so be careful. The blast power of an IED depends on the amount and type of explosives used.

EFFECTIVE BLAST POWER FOR A DIRECTIONAL MINE OF BLAST POWER B



SHRAPNEL: Fitting your IED with shrapnel will increase the blast power by one step, up to A, but requires an additional general spare part and gives you a –1 modifier to setting the charge.

SHAPED CHARGES have a direct damage increased by one step, an armor modifier of zero, and a crit rating of 1 for the target directly hit, but their blast power for other targets in the hex is reduced one step. Setting a shaped charge is difficult (–2 modifier) and requires one additional general spare part.

HEAVY WEAPONS

Heavy weapons is the collective term for rocket launchers, grenade launchers, anti-tank missiles, large caliber guns, mortars, and howitzers. Hand grenades are also included in this category, but they follow special rules (see the sidebar on page xx).

ATTRIBUTE USE: The **HEAVY WEAPONS** skill is used for firing all heavy weapons, including throwing hand grenades. However, when firing mounted weapons, you must use **AGL** instead of **STR**, and when firing artillery (mortars and howitzers), use **INT**.

TARGETING: Heavy weapons are generally used against large targets such as vehicles or an entire hex on the battle map. You get no bo-



HAND GRENADES

Hand grenades follow the same rules as other heavy weapons, with these exceptions:

- ✓ They can only be used at **SHORT** range.
- ✓ You need to pull the pin before throwing the grenade. This is a fast action.
- ✓ You don't need to spend an action to aim a grenade throw and you don't get a penalty for not doing so.
- ✓ If a hand grenade lands in your hex, you get to roll **MOBILITY** (not an action) to drop prone before the detonation. You can even choose dive onto the grenade to save your friends – you will automatically be incapacitated and suffer a severe critical injury to your torso (roll two D10 on the crit list and apply the higher result), but no one else in the hex suffers damage from the blast.

nus for firing at large targets. Instead, you suffer a –2 penalty if you fire a heavy weapon at an individual. Aiming a heavy weapon is a fast action and firing it is a slow action, just like for small arms. However, a heavy weapon must be aimed before it can be fired (quick shots are not possible).

RELOADING: Heavy weapons do not use ammo dice (except for rare exceptions). Generally, heavy weapons must be reloaded after each shot fired. This is a slow action, and no roll is allowed to reload faster. Reloading can be done by another person (a loader) or an autoloader (if the weapon is equipped with one, see chapter 5), allowing the weapon to be fired every round.

HEAVY WEAPONS FIRE

FACTOR	MODIFIER
Short Range	–
Medium Range	–1
Long Range	–2
Extreme Range	–3
Firing at an Individual	–2
Moving Target	–2
Dim Light	–1
Darkness	–2
Artillery Corrections	+1 per correction (up to +3)
Indirect Fire	Limited by spotter's RECON

DEVIATION

Heavy weapons with an explosive effect can be aimed at a hex on the battle map instead of a specific target. When targeting a hex, any extra ☉ on the attack roll have no effect.

If an attack with an explosive effect fails – no matter if it was aimed at a hex or a specific target – roll two D6s to see where the round lands. The first D6 determines the direction of deviation (see the table on page xx). The second D6 determines how far from the target hex that the round lands, in hexes. The deviation cannot exceed half of the distance to the target (rounding up).

CORRECTIONS: If an attack from a mortar or howitzer misses its target hex, the firer can correct his fire for a subsequent shot. Correcting counts as aiming (a fast action) but can only be done toward the same target hex as the previous shot. Each correction gives a +1 to the next attack against the same hex, up to a maximum bonus of +3.

DEVIATION

ROLL	DIRECTION
1	North
2	North East
3	South East
4	South
5	South West
6	North West

DEVIATION



INDIRECT FIRE

Grenade launchers, mortars and howitzers are capable of indirect fire – launching shells in an upward arc to hit targets not visible from the firing position. To hit a target with indirect fire, you need a forward observer who does have line of sight to the target and is able to communicate with you.

Directing indirect fire requires a slow action and a **RECON** roll. It needs to be done before the weapon is fired (this can be a good opportunity to exchange initiatives, see page xx). If the spotter's roll fails, the indirect fire cannot hit. The gunner can still fire, but the shot will automatically deviate. If the spotter succeeds, the gunner resolves the attack normally. Extra ☉ on the spotter's roll have no effect.

The spotter can call in corrections (above). This is a slow action (as opposed to a fast action when the gunner does it) and requires no dice roll.

EFFECTS

Hits from heavy weapons often have a dual effect: direct damage and explosive damage (page xx).

EXPLOSION: The blast power of the explosive effect is indicated in the weapon lists in chapter 5. The effects of the explosion are rolled separately (page xx) and are not affected by your attack roll.

TYPES OF AMMO

Most heavy weapons can be loaded with different types of ammunition with differing effects.

- ✓ **HE:** High Explosive rounds typically have a weak armor penetration capacity, and primarily cause damage through their explosive effect.
- ✓ **HEAT:** High Explosive Anti-Tank rounds have a powerful direct damage and an explosive effect.
- ✓ **AP:** Armor piercing rounds, including APDS (Armor Piercing Discarding Sabot) and APFSDS (Armor Piercing Fin Stabilized Discarding Sabot), are designed to penetrate armor and typically only have a direct damage.
- ✓ **WP:** White phosphorus rounds burn with intense heat. WP rounds have no direct damage effect, and instead of explosion damage, WP rounds inflict fire damage (page xx) of an intensity equal to the blast power. Extinguishing a WP fire is very difficult (-3 to **MOBILITY** rolls).
- ✓ **CHEM:** Chemical rounds spread deadly nerve agents or blistering agents over the target area. They inflict no direct damage or explosive effect. Read more about chemical warfare on page xx.
- ✓ **ILLUM:** Illumination rounds remove all effects of darkness (page xx) within a radius from the target hex equal to the die size of the blast power, e.g. 10 hexes for blast power B. Roll a D6 base die at the beginning of each round – on a ☀, the flare goes out.

DIRECT DAMAGE: The direct damage from a heavy weapon is resolved just like small arms fire. The damage inflicted on the target equals the base damage of the weapon plus 1 for each ☉ rolled beyond the first, minus the target's armor rating (modified by the armor modifier).

If hitting an individual person, a heavy weapon can inflict critical injuries just like small arms. Note that some heavy weapons have a crit threshold lower than their base damage rating—a hit with such a weapon will automatically inflict a critical injury unless the target is protected by armor or cover.

DAMAGE

Life in the aftermath of World War III is dangerous. You don't know where your journey ends, but you'll for sure suffer all sorts of harm along the

way. Harm to your character can come in two forms: damage and stress. Both are recorded using the check boxes on your character sheet. We'll deal with damage first.

SUFFERING DAMAGE

You can suffer damage in many ways. These are the two most common:

- ★ By pushing a skill roll (page xx). If you push a skill roll using STR or AGL and still fail the roll, you suffer 1 point of damage. Armor and cover have no effect against such damage.
- ★ From attacks. Whenever you attack someone in combat, you inflict damage equal to the base damage of the weapon plus one for every additional ☉ you roll. The same goes for damage from explosions, fire, etc.

HIT LOCATION

When you hit a human target – be it with a ranged attack, in close combat or even an explosion – roll the special D6 white hit location die, included in this boxed set, to determine the hit location. A normal D6 works too, use the table on page xx. If you fired a called shot or struck an aimed blow, you can choose the hit location freely.

AMMO DICE: Note that additional hits from ammo dice (page xx) will each hit a random hit location. Roll separately for each hit and apply the effects of armor, etc.

HIT LOCATION

D6	HIT LOCATION
1	Legs
2–4	Torso
5	Arm
6	Head

BODY ARMOR

If you're wearing body armor that covers the body location hit, the armor might stop the attack from doing serious harm, or at least reduce the amount of damage done. A few common types of body armor are included in chapter 5 (page xx).

EFFECTS: First, modify the armor rating by the armor modifier of the weapon. Then, reduce the damage inflicted by the modified armor rating. If your armor reduces the damage to zero or less, the hit is fully deflected. You still need to make a coolness under fire roll, however.

Wearing multiple layers of armor is not useful – only the most effective armor counts. Armor can be combined with cover, however – add the two armor ratings.

ARMOR DEGRADES: If a piece of armor or cover is penetrated by an attack, its armor rating is decreased one step. If the armor rating reaches zero, the armor or cover no longer provides any protection. Armor can be repaired with a TECH roll and a shift of work – each ☉ rolled restores one point of armor rating, up to the original score.



COVER

Cover provides an armor rating to hit locations behind cover. The table on page xx describes some typical barriers and their armor ratings. The armor rating of your cover is added to any armor rating from body armor. To be able to shoot a firearm across a barrier, you need to expose your head and your arms.

INCAPACITATED BY DAMAGE

When you have suffered damage equal to or in excess of your hit capacity, you become incapacitated. You're knocked senseless or collapse from exhaustion, and you can only crawl and mumble through the pain. You can't perform any other actions and you can't roll for any skills.

KILLING BLOW

A person who is incapacitated by damage is defenseless. If it's a human being and you want to kill them outright, you must fail an EMP roll (roll one base die only). If the roll succeeds, you simply cannot force yourself to commit the deed. Even if the roll fails and you do kill the victim, you suffer 1 point of stress – killing in cold blood is not easy. If you have the Killer specialty (page xx) you can kill defenseless enemies without these negative effects.

RECOVERY

The fastest way to recover from being incapacitated by damage is for someone else in the same hex as you to treat you by successfully rolling for **MEDICAL AID**. This is a slow action.

If successful, you immediately heal a number of damage points equal to the number of \odot rolled. Further **MEDICAL AID** rolls have no effect, and the same person cannot try again unless more advanced medical gear is applied, or until the next time you are incapacitated by damage.

If no one helps you within a shift, you recover anyway and heal 1 point of damage.

FURTHER RECOVERY

Once back on your feet, you will heal 1 point of remaining damage for each full shift spent resting or sleeping (page xx). This assumes that you are not starving, dehydrated, or hypothermic (page xx). You can heal damage and stress at the same time.

INFECTED WOUNDS

When you suffer 1 point or more of damage, you risk infection. Unless you are treated with a **MEDICAL AID** roll within a shift after taking damage, you need to make a sickness roll (page xx) to resist falling ill from the wound becoming infected. Antibiotics give a +3 modifier to the roll. You can treat yourself, as long as you're not incapacitated.

DAMAGE & NPCS

To speed the game up and minimize bookkeeping, the Referee doesn't need to track damage points on minor NPCs at all. Instead, all hits on such NPCs trigger automatic suppression of the target and all similar NPCs in the same hex (page xx), and all critical hits are instantly incapacitating (page xx). There is no need to roll for hit location on minor NPCs unless they are wearing body armor or are behind solid cover.

If you use these simplified rules, there is a further change – if several similar minor NPCs in the same hex are hit by the same ranged attack due to \diagup on ammo dice (page xx) and the primary target suffers a critical hit, all secondary targets will suffer crits as well, i.e. be incapacitated.

INCAPACITATED NPCS

NPCs can be incapacitated in the same ways as PCs. An NPC can administer first aid to a PC and vice versa. However, dice are usually not rolled when an NPC aids another NPC – instead, the Referee decides what happens. The Referee can also decide that a minor NPC who is incapacitated by damage simply dies.

EXAMPLE

A marauder hits Ronson with an AK-47 attack, rolling a single \odot . The Referee rolls the hit location die and it comes up arms. As the AK-47 has a base damage of 3 and Ronson has no armor on his arms, he suffers 3 points of damage. As Ronson has hit capacity 6 but has suffered 3 points of damage before, the hit is just enough to incapacitate him – he falls to the ground, moaning.

*On her turn, Kasia runs up to Ronson (fast action) and tries to get him back on his feet. She rolls **MEDICAL AID** (slow action) and succeeds with two \odot – Ronson recovers 2 points of damage and gets back on his feet, groaning.*

CRITICAL INJURIES

Normal damage points represent fatigue, bruises, and flesh wounds – painful, to be sure, but not fatal. Critical injuries represent a much more dangerous form of injury – these can maim or kill you.

When attacking an enemy, if the damage you inflict is equal to or higher than the crit threshold of your weapon, after mitigation by armor and cover, you inflict a critical injury on that enemy. The same goes, of course, when an enemy attacks you.

The critical injury tables are found on page xx. Roll a D10 for the hit location struck to determine the exact injury. Some injury descriptions might need to be adapted to the weapon used, but it doesn't change the effect.

ARMS & LEGS: In addition to the listed effects, all arm crits automatically make you drop any held items, and all leg crits make you fall down.

SEVERE INJURIES

If the damage of your attack is equal to twice the weapon's crit threshold or more, the critical injury is severe – this means that you roll two D10s on the critical injury table and use the highest result. If the damage inflicted is

HEAD

D10	INJURY	LETHAL	TIME LIMIT	EFFECTS	HEAL TIME
1	Ear torn off	No	–	RECON –1	D6
2	Concussion	No	–	CUF –1	D6
3	Nose crushed	Yes	Shift	RECON and PERSUASION –1	2D6
4	Shattered teeth	Yes	Shift	PERSUASION –2	3D6
5	Cracked skull	Yes	Shift	CUF –2	2D6
6	Gouged eye	Yes	Shift	RANGED COMBAT and RECON –2	Permanent
7	Brain hemorrhage	Yes	Stretch	All INT skills –2	3D6
8	Shattered neck	Yes	Stretch	Fall down, immobile	4D6
9	Crushed windpipe	Yes	Round	STAMINA and MOBILITY –2	3D6
10	Brains blown out	Yes	–	Instant death	–

TORSO

D10	INJURY	LETHAL	TIME LIMIT	EFFECTS	HEAL TIME
1	Snapped collarbone	No	–	MOBILITY –1	D6
2	Broken ribs	No	–	STAMINA and MOBILITY –1	2D6
3	Cracked pelvis	No	–	MOBILITY –2	3D6
4	Bleeding gut	Yes	Shift	STAMINA –2, any MOBILITY roll reopens wound	2D6
5	Ruptured kidney	Yes	Shift	1 damage at any MOBILITY roll	2D6
6	Punctured lung	Yes	Shift	STAMINA and MOBILITY –2	2D6
7	Cracked spine	Yes	Shift	Fall down, immobile	4D6
8	Torn intestines	Yes	Stretch	STAMINA –1 and disease virulence –3, incubation one shift	2D6
9	Internal bleeding	Yes	Round	Fall down, cannot run, only crawl	3D6
10	Heart impaled	Yes	–	Instant death	–

LEGS

D10	INJURY	LETHAL	TIME LIMIT	EFFECTS	HEAL TIME
1	Crushed toes	No	–	Running becomes a slow action	2D6
2	Dislocated knee	No	–	Can't run, only crawl	D6
3	Severed tendons	No	–	Running is slow action, MOBILITY –2	2D6
4	Broken shinbone	No	–	Can't run, only crawl	3D6
5	Crushed ankle	No	–	Can't run, MOBILITY –2	2D6
6	Cracked hip	No	–	Can't run, MOBILITY –2	3D6
7	Bleeding thigh	Yes	Shift	Running is slow action, MOBILITY –2	D6
8	Shattered knee	Yes	Shift	Can't run, MOBILITY –2	3D6
9	Arterial bleeding	Yes	Stretch	Running becomes a slow action	2D6
10	Severed leg	Yes	Stretch	Can't run, MOBILITY –2	Permanent

ARMS

D10	INJURY	LETHAL	TIME LIMIT	EFFECTS	HEAL TIME
1	Dislocated shoulder	No	–	RANGED COMBAT –2 with two-handed weapons	D6
2	Slashed forearm	No	–	RANGED COMBAT –2 with two-handed weapons	2D6
3	Crushed fingers	No	–	RANGED COMBAT –2 with two-handed weapons	3D6
4	Dislocated elbow	No	–	Two-handed weapons cannot be used	D6
5	Broken forearm	No	–	Two-handed weapons cannot be used	2D6
6	Crushed wrist	No	–	Two-handed weapons cannot be used	3D6
7	Bleeding shoulder	Yes	Shift	RANGED COMBAT –2 with two-handed weapons	D6
8	Shattered elbow	Yes	Shift	Two-handed weapons cannot be used	3D6
9	Arterial bleeding	Yes	Stretch	RANGED COMBAT –2 with two-handed weapons	2D6
10	Severed arm	Yes	Stretch	Two-handed weapons cannot be used	Permanent

MENTAL

D10	INJURY	EFFECTS
1	Nervous tremble	RANGED COMBAT and DRIVING –1
2	Anxious	RECON and SURVIVAL –1
3	Sullen	COMMAND and PERSUASION –1
4	Nightmares	CUF roll every shift spent sleeping – if failed, the sleep doesn't count
5	Nocturnal	Sleep only possible during morning and day shifts
6	Phobia	1 stress each round in the same hex as the object of phobia (related to trauma)
7	Alcoholism	1 point of stress and no stress recovery each shift without drinking alcohol
8	Paranoia	Effects are to be roleplayed
9	Psychosis	EMP roll (attribute only) each shift, failure triggers violent rampage
10	Catatonic	Immobile and non-responsive

three times higher than the crit threshold or more, you roll three D10s and use the highest result, and so on.

DEATH

If you suffer a critical injury listed as fatal, you must make a death save when the listed time limit has passed—one round, stretch, or shift (page xx). If the time limit is round, make the roll on your next turn. The death save is not an action in itself.

A death save is a roll for **STAMINA**. You may roll even if incapacitated, but then you cannot push the roll. If you're not incapacitated, you can push the roll normally. If a death save fails, you die. If you succeed, you linger on, but you must make another death save when the listed amount of time has passed again.

MOVING THE WOUNDED: If you move when suffering from a fatal critical injury, you must make an immediate death save. If someone else moves you, they must make a **MEDICAL AID** roll – failure means you must make an immediate death save.

SAVING YOUR LIFE: To save your life when you have suffered a fatal critical injury, one or more **MEDICAL AID** rolls must be made. Medical equipment can give a bonus to the roll. If you are not incapacitated, you can attempt to administer medical aid to yourself, but with a –2 modifier.

The **MEDICAL AID** roll takes the same amount of time to perform as the time limit of your critical injury, i.e. one round, stretch, or shift. (If the time limit is a round, the first aid is a slow action.) If the roll succeeds, the time limit of your crit is increased one category, i.e. from round to

stretch or from stretch to shift. When a crit with a time limit of a shift is successfully treated, you no longer risk dying and you don't need to make any further death saves. If the **MEDICAL AID** roll fails, trying again is allowed – after a death save has been made.

INSTANT KILL: Note that there are a small number of critical injuries that kill you outright. If you roll any of these, your character leaves this brutal world forever. Time to create a new character.

HEALING CRITS

Each critical injury has a specific effect that you suffer during the healing time indicated, which is measured in days. If the injury is listed as permanent, it will never heal.

SKILL MODIFIERS: Skill roll modifications due to critical injuries apply even if you don't have the skill.

CARE: If someone tends to you for at least a shift during the process of healing a critical injury (or several) and makes a **MEDICAL AID** roll, that day counts double. Any earlier rolls to save your life do not count towards this – a new roll is required to reduce the healing time.

MULTIPLE CRITS

If you suffer multiple critical hits, their skill modifications are cumulative. Other effects are not – for example, even if you suffer multiple critical hits on your arms, you retain the ability to use one-handed weapons.



DAMAGE: Note that you can heal all of your damage points, but still suffer the effects of a critical injury.

CRITS ON NPCS

For NPCs, the Referee can rule that any critical injury incapacitates the target, or even kills instantly. This speeds up play considerably in large battles.

EXAMPLE

Ronson is hit again with an AK-47, this time with two ☉ in the legs. The AK-47 has a crit threshold of 4, so Ronson suffers a critical hit. He rolls a D10 and gets a 9—the shot has severed an artery and he’s bleeding badly. He’s incapacitated and needs to make a death save every stretch to survive.

Kasia comes to his aid. Her first **MEDICAL AID** attempt to stop the bleeding fails, despite pushing the roll—Kasia suffers 1 point of stress and Ronson must make a death save. Fortunately, he succeeds, and Kasia can try again. This time, she makes it—Ronson must now only make death saves every shift (instead of every stretch).

Kasia decides they cannot stay here—more marauders could be coming. Despite the risks, she tries to get Ronson back on his feet. She succeeds with one ☉, so Ronson recovers 1 point of damage and gets up. Since he moves despite his lethal critical injury, he must make an immediate death save. It’s touch and go but he makes it, and the duo moves out.

Ronson and Kasia march for a shift to get away from the marauders’ territory. Ronson must make another death save—again he makes it, after pushing the roll. Now, Kasia can spend a shift to properly treat Ronson’s wound. She succeeds, and Ronson no longer risks dying. He will recover damage points at a rate of 1 per shift but running will remain a slow action for him for the next 2D6 days.

STRESS

Stressful experiences, such as getting shot at or witnessing harrowing scenes, can temporarily put you out of action or even cause long term psychological damage.

SUFFERING STRESS

You can suffer stress in several different ways. These are the two most common:

- ★ By pushing a skill roll (page xx). If you push a skill roll using INT or EMP and still fail the roll, you suffer 1 point of stress.
- ★ From stressful situations. The Referee determines the amount of potential stress from the event, from 1 to 3 (see the table on page xx). You then make a roll for coolness under fire (page xx). Roll one base die for your current CUF score and one

for the current Unit Morale score of your unit, if you have line of sight to any friendly fighters. Each ☉ rolled eliminates 1 point of stress. If you suffer 1 or more points of stress, you also freeze for one round during which you cannot act. CUF rolls cannot be pushed.

INCAPACITATED BY STRESS

When you have suffered stress equal to or in excess of your stress capacity, you are incapacitated by stress. You’re paralyzed by fear or indecision or break down in despair. You can run for cover, but you can’t perform any other actions or roll for any skills.

RECOVERY

When incapacitated by stress, another PC or NPC in the same hex can help you regain your senses by making a **COMMAND** roll. This is a slow action.

If successful, you immediately heal a number of stress points equal to the number of ☉ rolled. Further **COMMAND** rolls have no effect, and the same person cannot try again until the next time you are incapacitated by stress.

If no one helps you within a stretch, you recover anyway and heal 1 point of stress.

FURTHER RECOVERY

Once back on your feet, you will heal 1 point of remaining stress for each full shift spent resting or sleeping. This assumes that you are not sleep deprived or hypothermic (page xx). You can heal stress and damage at the same time.

LONG-TERM TRAUMA

Stress doesn’t inflict critical injuries like damage does, but each time you become incapacitated by stress, you risk suffering long-term mental trauma. Roll for EMP the next time you rest or sleep for a shift. Roll for the attribute only. If the roll succeeds, you develop a long-term or even permanent mental trauma of some kind—make a roll on the table on page xx.

HEALING TRAUMA: Long-term trauma is permanent unless you get help. Another person who spends at least one shift counseling you can roll **MEDICAL AID** to heal the effect. Only one attempt can be made each week.

STRESSFUL SITUATIONS

SITUATION	STRESS
Getting hit by a direct ranged attack or successful suppressive fire, witnessing your buddy (page xx) suffer damage or another PC suffer a fatal critical injury	1
Witnessing your buddy suffer a fatal critical injury	2
Witnessing a massacre, being subjected to torture	3

STRESS & NPCS

The Referee doesn’t need to track stress for NPCs.

CONDITIONS

In the game, you can suffer four negative conditions: starving, dehydrated, sleep deprived, and hypothermic. These conditions can cause damage and block recovery. Mark conditions in the relevant check boxes on your character sheet.

STARVING

You must eat a ration of food (page xx) at least once every day. After a full day without food, you become starving. Starvation has several effects:

- ★ You cannot heal damage in any way. You can recover stress normally.
- ★ You suffer 1 point of damage per week. If you are incapacitated by damage while starving, you die after another week without food.
- ★ As soon as you have eaten, you are no longer starving, and you can heal damage normally.

DEHYDRATED

You must drink a ration of water (see page xx) at least once per day. After a day without water, you become dehydrated. Being dehydrated has several effects:

- ★ You cannot heal damage in any way. You can recover stress normally.
- ★ You take 1 point of damage every day. If you are incapacitated by damage while dehydrated, you die after another day without water.
- ★ As soon as you drink, you are no longer dehydrated, and you can heal damage normally.

SLEEP DEPRIVED

You need to sleep for at least one shift of each day. After one day without sleep, you become sleep deprived. Being sleep deprived has several effects:

- ★ You cannot heal stress. If you are incapacitated by stress while sleep deprived, you must sleep for at least one shift before you can heal any stress.
- ★ You take 1 point of stress each day. If incapacitated by stress while sleep deprived, you collapse and sleep for at least one shift, and are impossible to wake up during that time.
- ★ As soon as you have slept for at least a shift, you are no longer sleep deprived, and you can heal stress normally.

HYPOTHERMIC

When the cold is bitter and you don't have adequate clothes or shelter (Referee's discretion), you must roll for **STAMINA** at regular intervals. The colder it is, the more frequently you need to roll. A chilly fall day requires a roll per day – in winter, you might have to roll once every shift or even every stretch in extreme conditions. Extra protection, like a blanket, can give a bonus to your roll. If you fail, you become hypothermic. Being hypothermic has several effects:

- ★ You immediately suffer 1 point of damage and 1 point of stress.
- ★ You can even hallucinate, causing you to act irrationally – details are up to the Referee to decide. Some say that when you are close to freezing to death, you feel a strong burning sensation that can make you tear your clothes off.
- ★ You must keep rolling for **STAMINA** at the same interval, suffering 1 point of damage and 1 point of stress each time you fail. If you become incapacitated while hypothermic, you die the next time you need to roll.
- ★ You cannot heal damage or stress. Only after you have warmed up, if only by a campfire, are you able to heal again.

FALLING

Falling on a hard surface automatically inflicts an amount of damage equal to the height of the fall (in meters) divided by 2, rounding all fractions down. The crit threshold is 3. In a controlled jump, roll **MOBILITY** – each Ⓢ rolled reduces the damage inflicted by 1. Body armor gives no protection.

DROWNING

All player characters are assumed to know how to swim. In rough seas or if you're stuck in water for a long time, you need to make a **MOBILITY** roll to stay afloat. If you sink, or intentionally swim under water, you need to make a **MOBILITY** roll every round to hold your breath. If you fail, you start to drown and suffer 1 point of damage every round until someone saves you. If you are incapacitated when drowning, you must make a death save (page xx) every round until you die or you are saved – by being brought to the surface and a successful **MEDICAL AID** roll (slow action).

FIRE

A fire is measured in its intensity, ranging from A to D (just like a skill level), where A is the most intense. A typical fire has intensity C. When exposed to fire, roll two base dice of the type corresponding to the intensity. For every Ⓢ rolled, you suffer 1 point of damage. Armor has no effect against fire damage.

If you take damage, you catch fire and continue to burn. Place a **FIRE** token on your character token on the battle map. When burning, you suffer another attack each round, at your turn. The intensity increases by one each round, up to a maximum of A. As soon as a fire attack inflicts no damage, the fire goes out by itself. You, or a friend in the same hex, can put out the fire with a successful **MOBILITY** roll (slow action). Using a blanket or similar object gives a +2 modifier.

FIRE CRITS: Fire damage has a critical injury threshold of 2. This means that if you suffer 2 points of damage or more from fire in a single round, you are critically injured. Don't roll for this critical injury – instead, the effect is always a –2 modifier to **STAMINA** and **MOBILITY**. The crit is lethal, death saves must be made each stretch, and the healing time is 2D6 days.

CHEMICAL WARFARE

Chemical weapons remain in the arsenals of several military forces and they remain a deadly threat on the ravaged battlefields of Europe. They come in two main categories: nerve agents and blistering agents.

These deadly weapons are generally distributed using grenades. Use the table on page xx to determine how far (in hexes) from the target hex that the effect of the chemical round reaches, based on the blast power of the weapon (chapter 5).

When a chemical round detonates, place **CHEM** counters to indicate the outer boundaries of the contaminated area.

PROTECTIVE GEAR: Protective masks and suits (page xx) can offer you some protection against chemical weapons. A mask gives you a -2 modifier to all **RECON** rolls and to **STAMINA** rolls made for marching (page xx), however.

CHEMICAL WEAPONS AREA OF EFFECT

BLAST POWER	EFFECT RADIUS (HEXES)
A	3
B	2
C	1 (adjacent hexes)
D	Only target hex

CHEMICAL WEAPONS AREA OF EFFECT FOR BLAST POWER A



NERVE AGENTS

These extremely deadly toxins, developed in the middle of the 20th century, kill very quickly and even very limited exposure can have a deadly effect. The most common variants are sarin, which is gaseous and disperses quickly, and VX, which is liquid and can contaminate an area for days or even weeks. For sarin attacks, roll a D6 for each **CHEM** counter on the battle map at the start of each round – on a roll of 1, remove the counter.

EXPOSURE: In a contaminated hex, you must make a **STAMINA** roll on each of your turns (before performing any actions). If unprotected, you get a -3 modifier. Wearing a protective mask, the roll is unmodified. Basic protective clothing like a raincoat, gives a $+1$ modifier. Putting on a mask is a fast action if it's in your combat gear (page xx). Only a full hazmat suit (page xx) will completely protect you from the effects of a nerve agent.

EFFECTS: If you fail the **STAMINA** roll, you immediately suffer 1 point of damage and 1 point of stress, and a further point of damage and stress on each of your subsequent turns even if you leave the contaminated area. If you are incapacitated by damage while suffering the effects of a nerve agent, you must make a death save (page xx) every round. The only way to save your life at this point is to inject you with atropine (page xx). This is a fast action (by yourself or someone else) and requires no **MEDICAL AID** roll. When injected, no further death saves are made, and you can recover normally.

BLISTERING AGENTS

These chemical weapons come in many varieties, the substance commonly known as mustard gas being the most infamous. They are less lethal than nerve agents – instead, their purpose is to incapacitate. Most blistering agents can contaminate an area for a long time.

EXPOSURE: The effects of a blistering agent are not immediate, sometimes appearing hours after exposure. Make a **STAMINA** roll within a shift after exposure. Just like for nerve agents, you get a -3 modifier if you were unprotected when exposed. A protective mask makes the roll unmodified, and basic protective clothing gives a $+1$ modifier. A hazmat suit offers full protection.

EFFECTS: If you fail the **STAMINA** roll, you suffer 1 point of damage and 1 point of stress, and you suffer a critical injury as from fire (page xx) but with death saves every shift (not stretch). Then, roll for **STAMINA** again each subsequent shift (with the same modifiers for protective gear), suffering another point of damage and stress for each failed roll. While suffering from the effects of a blistering agent, you cannot recover damage or stress. As soon as you succeed at a **STAMINA** roll, or when you are

SPOTTING CONTAMINATION

Areas can remain contaminated by VX or mustard gas for long periods of time. If you move into a contaminated area, the Referee can let you roll **RECON** to spot signs of contamination – these can include smells, droplets, or vapors. If you fail, you will notice the contamination only when its effects become apparent.

incapacitated, the effects stop, and no more **STAMINA** rolls need to be made (but your critical injury remains and must be treated). When rolling for **MEDICAL AID** to treat a critical injury from a blistering agent, certain chemicals like household bleach give a +2 modifier.

PROTECTION AGAINST NERVE
AND BLISTER AGENTS

GEAR	MODIFIER
No gas mask	-3
Wearing gas mask	-
Raincoat	+1
Hazmat suit	Automatic success

RADIATION

The fighting in northern Europe saw extensive use of tactical nuclear weapons. Even though the fear of total nuclear Armageddon has not yet become reality, radiation is a constant threat to you as you move across the landscape.

RADS

Radiation permeates your body and builds up inside you over time. When you are contaminated by radiation, you gain rad points. Mark them in the check boxes on your character sheet.

HOTSPOTS

Sometimes, you will come across craters from nuclear strikes and other radiation hotspots. The level of contamination varies and determines the frequency at which you gain a rad when staying in the hotspot.

- ★ **WEAK RADIATION:** 1 rad per shift
- ★ **STRONG RADIATION:** 1 rad per stretch
- ★ **EXTREME RADIATION:** 1 rad per round

RAD ATTACK

You can also gain rads from specific events or actions, such as consuming contaminated food or drink, wading through contaminated water or coming into contact with contaminated items. In these situations, you gain 1 or more rads directly. This is called a rad attack.

EFFECTS

Every time you gain a rad, you must immediately roll for **STAMINA** to resist radiation poisoning (see Diseases on page xx). The virulence of the disease is equal to +4 minus your total rad count – see the table on page xx.

PROTECTIVE GEAR, such as a full hazmat suit (page xx), can protect you against radiation. It's not always effective however and needs to be handled correctly. Whenever you gain a rad, make a **TECH** roll. If you succeed, the suit protects you against the radiation and you do not gain a rad this time.

VEHICLES: If you're riding in a vehicle, the frequency at which you suffer rads is halved.

RADIATION SICKNESS

TOTAL RADS	VIRULENCE
1	+3
2	+2
3	+1
4	-
5	-1
6	-2
7	-3
etc.	etc.

DECONTAMINATION

When you have left a hotspot, 1 rad will leave your body every day. If you wash your body in clean water, half of your rads (round fractions up) go away immediately. You only get this effect once after being contaminated.

PERMANENT RADS

When you are contaminated, there is a risk that the radiation will stay in your body forever. Every time you are about to lose one rad, roll a D6. If you roll ★, the rad stays, and becomes permanent. Mark this on your character sheet. Permanent rads stay with you for the rest of your life, no matter how hard you scrub yourself.

DISEASE

When exposed to a dangerous contagion or infection, you need to make a **STAMINA** roll modified by the virulence rating of the disease (see the list of diseases below). Roll after the incubation period has passed. This is called an infection roll. If you fail the roll, you fall ill, which has two effects:

- ★ You suffer 1 point of damage.
- ★ You can't heal damage.

Make another infection roll once per day. Each failed roll means you suffer another point of damage. If you are incapacitated by damage while sick, you die after another day if you're not given medical aid (below) before then. As soon as you succeed at an infection roll, you are no longer ill. Stop rolling infection rolls and heal your damage normally.

MEDICAL AID

If you are cared for by someone during the course of your illness, this person can make your infection rolls instead of you. The caregiver rolls for **MEDICAL AID** modified by the virulence of the disease. If you are given antibiotics, the caregiver gets a +3 bonus to the roll, but it has no effect against viruses or radiation sickness.

VEHICLE COMBAT

Vehicles can be key to survival in the grim world of **TWILIGHT: 2000**, moving you across the devastated battlefields and protecting you from enemies at the same time. Yet, vehicles can be a real hassle to keep running, and they can turn you into a target for marauders looking to steal your ride.

A large number of vehicles, both military and civilian, are described in chapter 5 of this book. This section explains how to use them in combat. Travel rules for vehicles are covered in chapter 6.

DISEASES

DISEASE	VIRULENCE	INCUBATION	SYMPTOMS
Food Poisoning	+2	One Shift	Abdominal pain, vomiting
Pneumonia	+1	D6 Days	Fever, cough, chest pain
Typhoid Fever	+1	D3 Days	Fever, cough, pain
Wound Infection	–	One Day	Fever
Typhus	–	One Day	Fever, headache, rash
Dysentery	–	D3 Days	Abdominal pain, diarrhea
Cholera	–1	One Day	Abdominal pain, fever, diarrhea
Rabies	–2	D6 Days	Fever, salivation, pain
Plague	–3	D6 Days	Fever, cough, abdominal pain
Radiation Sickness	See page xx	One Shift	Vomiting, diarrhea, bleeding

GETTING IN AND OUT

Getting into or out of a vehicle is typically a slow action. Getting on or off a motorcycle or bicycle is a fast action. Starting a vehicle is typically a fast action.

VEHICLE MOVEMENT

The combat speed rating of your vehicle (page xx) indicates how many 10-meter hexes you can safely drive with a single (fast) action in combat, on-road and off-road respectively. Only pavement

The BMP was probably wrecked at some point early in the war, given the way it was rusted like my brother's old '36 Ford back home, but Diaz swore he could find something useful. He and Katje crawled into the burnt-out shell of the thing, like climbing into a big, dead bug. They were in there all of two seconds when Katje rushed back out and puked. I peered in. The crew was still inside; what was left of them. They didn't smell anymore, so I helped Diaz strip what we could from the Soviet wreck. Someone had gone at the engine like a honey badger on an ant hill, but Diaz made good on his word. He found enough to help keep the M113 running.

hexes (page xx) count as on-road. You can drive in any direction you want, ending the movement facing any direction you like.

If you make a **DRIVING** roll directly after having moved the safe distance, you can move a further number of hexes equal to the combat speed *plus one* for each \odot rolled beyond the first. The roll is modified by the terrain of the hex you're in *after* having moved the safe driving distance.

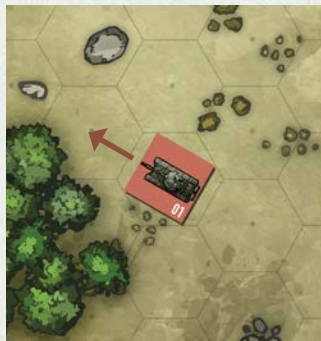
If such a **DRIVING** roll fails, you get *stuck* after having moved the safe distance. Place a **STUCK** marker on your vehicle token on the battle map. If you roll a mishap (page xx), you must also make a reliability roll for the vehicle (page xx).

GETTING UNSTUCK: When stuck, you need to make another **DRIVING** roll (slow action) to get loose, modified by the type of terrain the vehicle is currently in. If this roll also fails, the vehicle becomes bogged down—now, you need to get out of the vehicle and make a **STAMINA** roll (taking one stretch) to get the vehicle moving again. Others can help you succeed, and if you use another vehicle (at least as large as the bogged down vehicle), you get a +2 modifier.

FACING

On the battle map, you must keep track of the direction in which your vehicle is facing, and rotate the counter accordingly. The counter must always face one side of the hex it's in. As a driver, you can choose to rotate your vehicle in any direction at the end of

VEHICLE FACING



a movement action (it's not an action in itself). You cannot change your facing at any other time.

RELIABILITY

Vehicles have a reliability rating from A to D, just like weapons. When you roll a mishap on a **DRIVING** roll (\star on all base dice), two things happen:

- ★ The reliability rating of your vehicle is reduced one step. If it drops below D, the vehicle breaks down and becomes inoperable after the current movement.
- ★ Roll two base dice corresponding to the (now reduced) reliability rating. If this roll fails, the vehicle suffers a minor malfunction after the current movement. It becomes temporarily inoperable, but can be fixed with a slow action and a **TECH** roll. If this **TECH** roll fails, the vehicle breaks down.

REPAIRS: An inoperable vehicle needs to be repaired (page xx) before it can be used again. Restoring a reduced reliability rating one step also requires a shift of repairs, but no spare parts are needed. The reliability of a vehicle cannot go above its maximum rating as per the vehicle lists.

WEAPON MOUNTS

The vehicle lists indicate the type of mount for each mounted weapon:

- ✓ **TURRET:** The weapon can be fired without exposing the gunner.
- ✓ **COAXIAL:** The weapon can be fired without exposing the gunner, but it cannot be fired in the same round as the main weapon.
- ✓ **HULL MOUNT:** The weapon can be fired without exposing the gunner, but it can only be fired in a specific direction (front/side/rear).
- ✓ **PINTLE:** Firing the weapon requires the shooter to be partly exposed (page xx), typically the arms and head. Some pintles have gun shields to protect the arms (but not the head).

EXAMPLE

Diaz is driving the M113 along a deserted road, when Jonesy, riding unbuttoned, suddenly spots a roadblock up ahead. A T-72 tank, 25 hexes away, swivels its turret menacingly towards them. Luckily, Diaz wins the initiative and drives the M113 off the road, toward a cove of trees that will block the line of fire for the tank.

*The M113 has an off-road combat speed of 3, meaning it can safely move 3 hexes per fast action. The cover is 8 hexes distant, so Diaz rolls **MOBILITY** to double the movement of her second action. The M113 is in a hex of shrubland at this point, so Diaz gets a -1 modifier. She fails, despite pushing, and the M113 gets stuck before reaching safety!*

To make matters worse, Diaz's roll was a double \star , meaning a mishap. The reliability rating of the M113 drops one step. The reliability roll succeeds however, so the M113 doesn't break down (yet).

SMOKE LAUNCHERS

A smoke launcher is fired with a slow action, without the need for a dice roll. It fills all hexes adjacent to the one occupied by the vehicle with dense smoke (page xx).

STABILIZERS & FIRE CONTROL SYSTEMS

Some vehicle mounted weapons are equipped with stabilizers – these eliminate the –2 modifier for firing while moving. More advanced fire control systems have the same effect, and additionally remove all modifiers for range – all attacks with such weapons, up to **EXTREME** range, are resolved as if they were in **SHORT** range.

ATTACKS ON VEHICLES

Attacks on vehicles from small arms fire generally get a +2 modifier due to the size of the target. Heavy weapons don't get this modifier, and it does not apply to bicycles and motorcycles.

MOVING VEHICLE: Firing from a vehicle, no matter if it's a hand-held or a mounted weapon, suffers a –2 modifier if the vehicle has moved since the shooter's previous turn

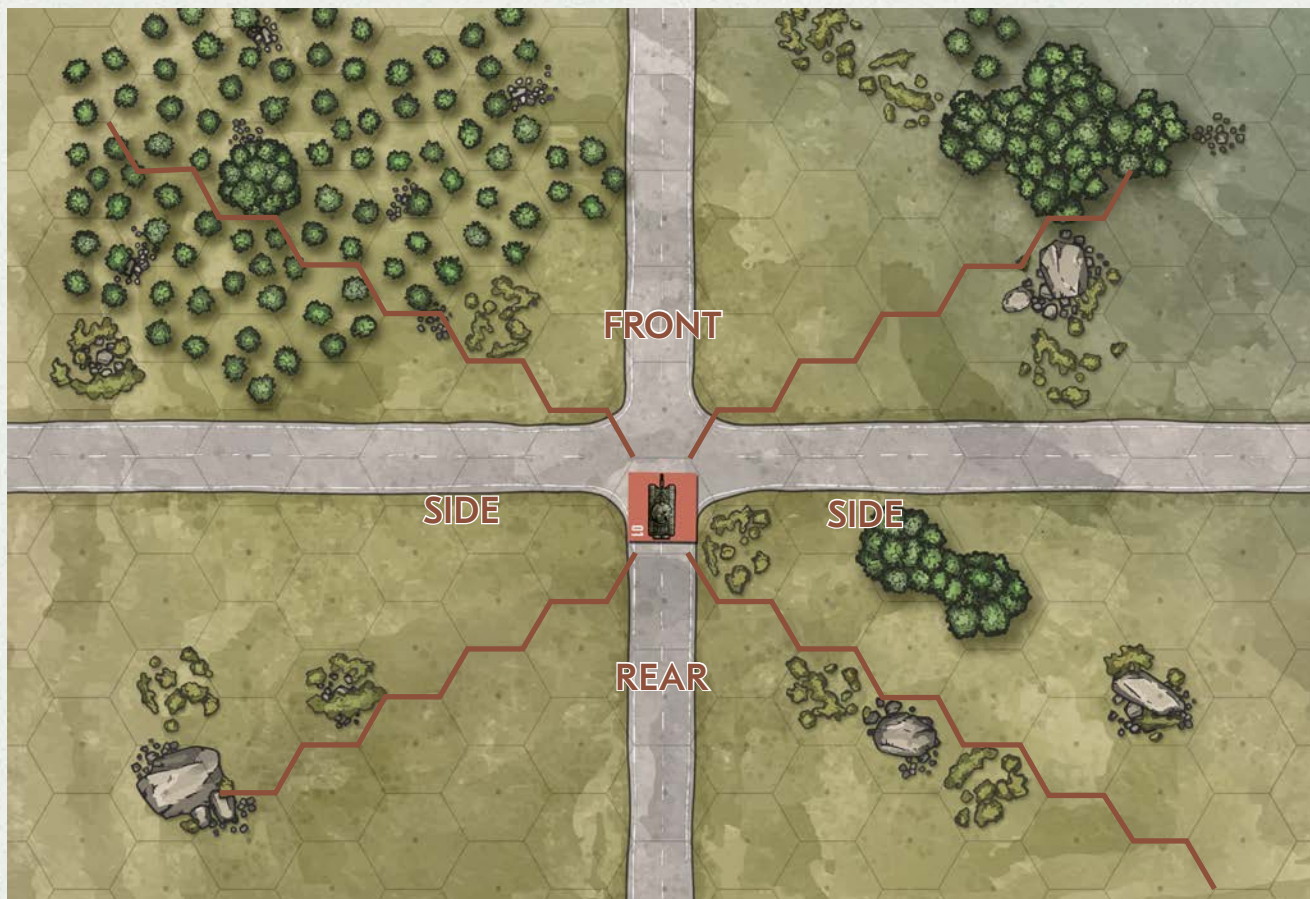
MOVING TARGET: If the target vehicle has moved since the shooter's previous turn, the ranged attack gets a –2 modifier. This is cumulative with the –2 modifier from the shooter being in a moving vehicle, for a total of –4.

ANGLE OF ATTACK: The position of the attacker as relative to the vehicle and its facing determines the angle of attack: front, side, or rear. See the diagram on page xx.

DAMAGE: When a vehicle is hit by an attack, damage is calculated just like for an attack on a person – the damage done is equal to the base damage rating of the weapon plus 1 for each ☉ rolled.

ARMOR: Most vehicles have armor, and often different armor ratings on the front, sides, and rear. Use the armor rating of whichever part of the vehicle is facing the attacker, and don't forget to apply the armor modifier of the weapon.

DEGRADING ARMOR: If the armor of the vehicle is penetrated by the attack, the vehicle's armor rating on the side hit is reduced by 1 point. Armor can be repaired with a **TECH** roll and a shift of work – each ☉ rolled restores 1 point of armor rating, up to the original rating.



COMPONENT DAMAGE

Component damage is direct damage to a specific part of the vehicle, or a person in it (or on it). When a vehicle is hit, roll a D10 on the component damage table on page xx.

- ★ If the hit penetrated the armor of the vehicle, use the “penetration” column of the table. Reduce the damage inflicted by the (modified) armor rating of the vehicle before applying the results. If you roll a component not present in the vehicle or already destroyed, move up one row in the table (toward #1) until you reach a component that is present.
- ★ If the hit did not penetrate the armor, use the “no penetration” column. In this case, apply the full damage of the attack, not reduced by armor. If you roll a component not present on the vehicle or already destroyed, do not move up in the table – instead, the attack has no effect.

EFFECTS: Exactly what happens when a particular component is hit is explained in the next section below.

SECONDARY DAMAGE: For penetrating hits only, if the damage done exceeds what is needed to destroy or incapacitate a component, the remaining damage will continue to hit another component inside the vehicle (except for engine hits, see page xx) – move row by row up the table (just as if you had rolled a destroyed or missing component) until you reach a component that is present. Repeat this procedure until all damage points have been distributed. Non-penetrating hits never cause secondary damage.

EXPLOSIVE HITS: If a weapon with an explosive effect (i.e. it has a blast power) penetrates the armor of a vehicle, all occupants in the vehicle suffer the effects of the explosion. This is in addition to the effect of the direct damage. The blast power is not decreased by the armor even if the direct damage was.

BAILING OUT: Occupants of a vehicle that is penetrated by an attack must make an immediate CUF roll (page xx), even if they were not hurt by the attack. Anyone who fails the roll must immediately bail out on their next turn – i.e. spend a slow action to exit the vehicle. This effect replaces the normal effects of a CUF roll (page xx).

INOPERABLE & DESTROYED: Hits to the engine, fuel tank, suspension, tracks or wheels of a vehicle can render it inoperable and unable to be driven further until it is repaired. A hit to the fuel tank or ammunition store in a vehicle can cause it to become permanently destroyed, meaning it cannot be repaired. It can still be scavenged for spare parts, however.

COMPONENT DAMAGE

D10	PENETRATION	NO PENETRATION
1	Fuel	Track/Wheel*
2	Engine	Weapon
3	Suspension	Fire Control System
4	Ammunition	Antenna
5	Cargo	External Stores
6	Driver	External Stores
7	Passenger	Exposed Passenger
8	Gunner	Exposed Passenger
9	Commander	Ricochet
10	Radio	Ricochet

*Re-roll for front and rear attacks.

VEHICLE COMPONENTS

Below, the effects of damage to each of the components are explained.

FUEL: If the attack inflicts 1 point of damage or more, the tank will leak. The maximum fuel capacity is halved, until the damage is repaired. Any fuel currently in the tank in excess of the reduced capacity is immediately lost. Any excess damage continues to hit another component.

Also, if the damage was from an explosive attack, roll for the blast power as normal – if one or more ☉ is rolled for the explosion, the fuel tank catches fire. This exposes everyone inside the vehicle to fire with Intensity C, and all occupants must make a CUF roll or be forced to bail out on their next turn. A fuel fire lasts for a stretch and completely destroys the vehicle, beyond repair.

ENGINE: Each point of damage will reduce the reliability rating of the vehicle one step. If it goes below D, the engine is disabled and the vehicle is rendered inoperable. Any excess damage will be stopped by the engine block and does not continue to hit another component.

SUSPENSION: Each point of damage will reduce the reliability rating of the vehicle one step. If it goes below D, the suspension is disabled and the vehicle is rendered inoperable. Any excess damage continues to hit another component.

AMMUNITION: The main ammunition store is hit. If the attack inflicts 1 point of damage, half of the ammunition in the vehicle is destroyed. If the attack inflicts 2 points of damage, all of the ammunition is lost. Any excess damage continues to hit another component.

In addition, ammunition for heavy weapons risks exploding when hit. If the attack inflicted 1 point of damage, there is a 50% risk of an explosion (a roll of 4 or higher on a D6). If the attack inflicted 2 points of damage, an explosion will definitely occur. If the ammunition explodes, the blast power of the explosion is equal to the Blast Power of the ammunition in question increased by one step, up to

a maximum of A. In addition, the vehicle is completely destroyed beyond repair.

CARGO: The internal cargo hold is struck, and a random item stored there hit. For effects of damage on gear, see page xx. If the item is destroyed, any excess damage continues to hit another component.

DRIVER: The driver of the vehicle is hit by the attack. Resolve the attack normally, including hit location and any critical injury. Any excess damage beyond the crit level of the weapon continues to hit another component. Another occupant can take over as driver as a fast action.

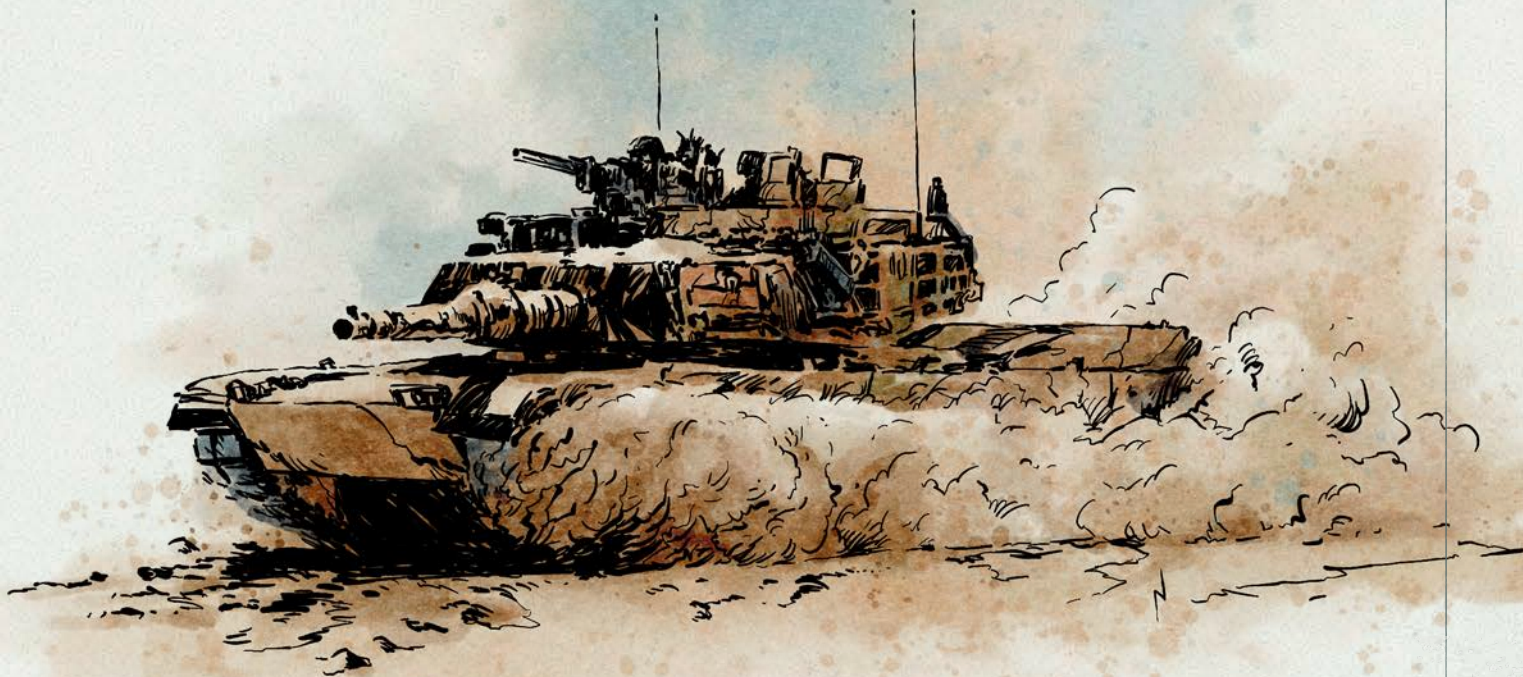
PASSENGER: A random passenger inside (or partly inside) the vehicle is hit by the attack. Resolve the attack normally, including hit location and any critical injury. Any excess damage beyond the crit level of the weapon continues to hit another component – including another passenger, if they are present.

GUNNER: The gunner of the vehicle is hit by the attack. Resolve the attack normally, including hit location and any critical injury. Any excess damage beyond the crit level of the weapon continues to hit another component.

COMMANDER: The commander of the vehicle is hit by the attack. Resolve the attack normally, including hit location and any critical injury. Any excess damage beyond the crit level of the weapon continues to hit another component.

EXPOSED PASSENGERS

Passengers on the outside of a vehicle, or leaning out of an open window or hatch, can be hit by non-penetrating damage, and they are also at risk from explosions in the hex (only hit locations inside the vehicle are protected by its armor). On the flip side, passengers riding unbuttoned have a better chance of spotting encounters during travel (page xx) and they can fire their personal weapons at targets outside the vehicle.



RADIO: If the radio suffers 1 point of damage, it is rendered inoperable and must be repaired. Any excess damage continues to hit another component.

TRACK/WHEEL: Can only be hit by side attacks. For each point of damage done in excess of half the side armor rating of the vehicle (rounded up, then modified by the armor modifier), the reliability rating of the vehicle is reduced one step. If it goes below D, the vehicle is rendered inoperable and needs to be repaired. If the damage does not exceed half of the side armor rating, the attack has no effect.

WEAPON: A random weapon mounted on the vehicle is hit. Each point of damage will reduce the reliability rating of the weapon one step. If it goes below D, the weapon is rendered inoperable and needs to be repaired. Tank guns are a special case – they are armored, so the damage done is reduced by half of the front armor rating of the vehicle (rounded up, then modified by the armor modifier).

FIRE CONTROL SYSTEM: If the fire control system (page xx) suffers 1 point of damage or more, it is rendered inoperable and must be repaired.

ANTENNA: If the antenna suffers 1 point of damage or more, the vehicle radio is rendered inoperable and must be repaired.

EXTERNAL STORES: Any external stores are struck, and a random item hit. For effects of damage on gear, see page xx.

EXPOSED PASSENGER: A random passenger on the outside of the vehicle (or partly outside, in a hatch or window) is hit by the attack. Resolve the attack normally, including hit location and any critical injury.

RICOCHET: The attack bounces off in a random direction. All exposed individuals on the outside of the vehicle, or on foot in the same hex, must make immediate CUF rolls.

CALLED SHOTS

You can aim for a specific external component of a vehicle (i.e. tracks/wheels, weapon, rangefinder, antenna, external stores, exposed passenger) by accepting a –2 modifier. If firing small arms, this modifier is offset by the +2 for firing at a vehicle.

- ★ You can only hit the tracks or wheels with an attack from the side.
- ★ Called shots will never penetrate armor.

EXAMPLE

*It's time for the T-72 crew to act. The gunner aims and fires. The M113 is within **SHORT** range of the 125mm gun (30 hexes), but the M113 is in a shrubland hex, giving the attack a –1 modifier. The M113 has moved, but the T-72 has a fire-control system, meaning there is no modifier for moving targets. Luckily for Diaz and her friends, the shot misses.*

*In the next round, Ronson fires a M136 AT4 rocket launcher at the T-72. It's **EXTREME** range, so he gets a –3 modifier, but he pushes the roll and hits with one ☉. The front armor of the tank is 9 and the base damage of the AT4 is 8. Even with the –1 armor modifier, the attack does not penetrate, so Ronson rolls on the “no penetration” column of the component damage table.*

He gets lucky again and rolls a 2 – the main weapon the T-72 is hit. The 8 points of damage is reduced by 4 (half the front armor rating, rounded up, then reduced by 1), but the remaining 4 points of damage are enough to bring the reliability of the tank gun down from A to below D – meaning it's now inoperable.

Diaz now has a chance to get the M113 unstuck and move to safety...

SCAVENGING PARTS

If you spend a shift scavenging parts from a functional or inoperable vehicle and make a **TECH** roll, you can find a number of vehicle spare parts equal to the number of ☉ you roll. If the vehicle you scavenge is permanently destroyed, you can still scavenge it, but you'll find one less spare part, meaning you'll need to roll at least two ☉ to find a single usable part. The vehicle you scavenge is permanently destroyed in the process, and can never be scavenged again, even by another person.

RAMMING

You can use your vehicle as a weapon, against other vehicles as well as against individuals. The attack counts as a fast action, and can only be directed at a target in the same hex. Make an opposed roll for **DRIVING**. If the target is an individual, they instead roll for **MOBILITY**. The roll only counts as an action for you, the attacker.

If you hit, you inflict damage equal to the rear armor rating of your vehicle, plus one for each ☉ you roll beyond the first.

BOATS

These vehicle rules are focused on land vehicles. Boats follow generally the same rules, with the change that a “suspension” hit with one or more points of damage penetrating the armor instead means the hull is breached, and the boats begins to sink. Roll a D6 at the start of each round – rolling an ✨ means that the boat sinks and is lost. More detailed combat rules for boats will be included in future modules to the game.

RAMMING VEHICLES: When ramming another vehicle, the attacking vehicle also suffers damage equal to the rear armor rating of the target vehicle (unmodified). The target vehicle is hit on the side facing the attacker, while the attacking vehicle always suffers damage to the front.

RAMMING PEOPLE: The crit threshold for ramming attacks against individuals is 2. The attacking vehicle suffers no damage.

HORSES

A horse can be a good alternative to a vehicle, especially if fuel is scarce. Rules for travel using horses can be found on page xx. In combat, a horse has a combat speed just like a vehicle (typically 2, both on-road and

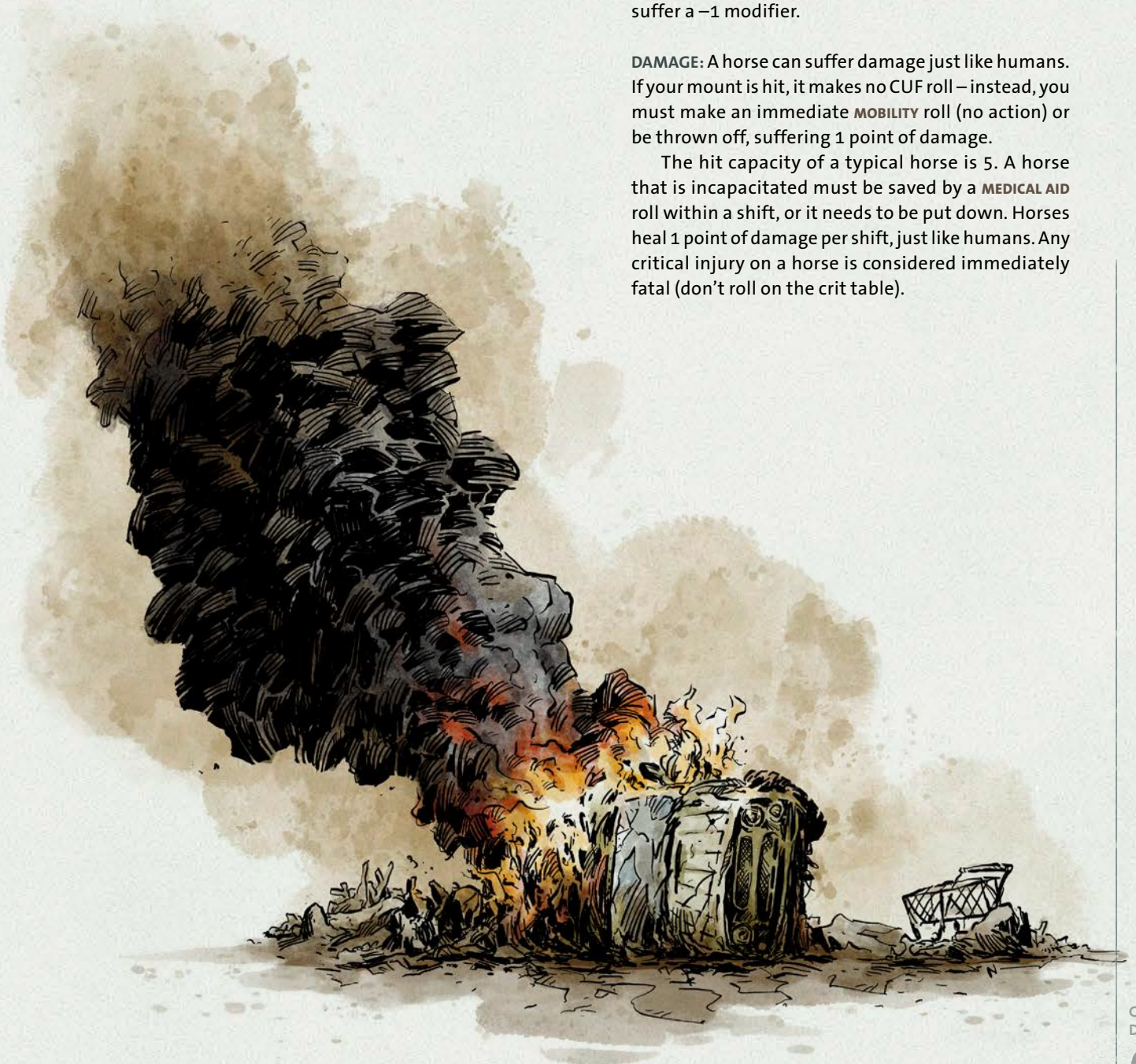
off-road). When riding, you can double its movement in the same way—but roll for **MOBILITY** instead of **DRIVING**.

RANGED COMBAT: Firing a one-handed firearm from horseback gives a -2 modifier, and a two-handed firearm gets a -3 modifier. The Rider specialty negates these modifiers. When shooting at a mounted target, you must decide if you attack the rider or the horse.

CLOSE COMBAT: You can fight from horseback in close combat, but only with a one-handed weapon. When striking a mounted target, you must decide if you attack the rider or the horse. Attacks against the rider suffer a -1 modifier.

DAMAGE: A horse can suffer damage just like humans. If your mount is hit, it makes no CUF roll—instead, you must make an immediate **MOBILITY** roll (no action) or be thrown off, suffering 1 point of damage.

The hit capacity of a typical horse is 5. A horse that is incapacitated must be saved by a **MEDICAL AID** roll within a shift, or it needs to be put down. Horses heal 1 point of damage per shift, just like humans. Any critical injury on a horse is considered immediately fatal (don't roll on the crit table).







05 WEAPONS, VEHICLES & GEAR

Everything has a name and designation and none of them make much sense. And, everything also has a nickname, mostly, except when it doesn't. Like they call the .50 caliber machine gun on the Humvee the "ma deuce." What the hell? I get all the names memorized and then they go and use some term they all know but I don't. I went and painted the name Karol on the M113. They told me that was a girl's name. I told them it wasn't. Top said it would make us too easy to identify anyway and had me paint over it. I still call it Karol though, because screw those boys and their stupid, macho names for everything.

EQUIPMENT IS A KEY element of *TWILIGHT: 2000*. Without weapons, vehicles and other gear you won't last very long, and keeping your gear in working order can be the difference between life and death. This chapter describes a wide range of equipment, as well as rules for trade and maintenance.

TRADE

Chapter 3 describes how you get your starting gear. Acquiring new equipment during the campaign will not be easy - you'll have to fight for it, or barter hard. As mentioned in chapter 3, in the year 2000 the world economy has collapsed and there is no uniform system of currency. Instead, trade is done by bartering.

As a replacement for US dollars and other traditional currencies, small arms ammunition is often used as a base unit for transactions. The gear lists in this chapter indicate approximate prices, given in rounds of small arms ammunition.

Use these prices only as a rough baseline, as the value of an item can vary wildly between locations and situations. The Referee has final say on what a NPC will demand or offer for a specific item.

BARTERING

When bartering with an NPC for an item, the Referee first sets an asking price – in bullets or other goods – that they deem reasonable. It can be higher or lower than the list price, depending on the situation. Assume that everyone will always try to get as much as they possibly can from every transaction.

Next, if you want to negotiate the price down, roll an opposed **PERSUASION** roll. If you succeed, the price is reduced by 10% for each ☉ rolled. If you're paying with something other than bullets, you'll need to make a judgment call on what the result means. The Referee has final say.

When you attempt to sell an item, the process is done in reverse – the NPC makes an offer and you can then roll **PERSUASION** to get the price

up, each ☉ will increase the price by 10% – assuming the NPC can actually pay this sum. After the roll, you can decide whether to accept the deal or not.

Bartering between PCs, should it occur, is handled without rolling dice.

RELIABILITY: The list prices for weapons and vehicles assume items with full starting reliability ratings. For each step of reduced reliability, you can reduce the list price by approximately 10%, as a general rule of thumb.

SUPPLY

Often, more important than the price is the question of whether an item is available at all. Many goods are rare and the PCs can't expect to find everything they're looking for in any little settlement they come across.

Each type of gear has a supply rating, which indicates the probability that your characters can find this type of item offered for trade in a typical settlement or scenario location.

- ★ **COMMON (C)** items are fairly ubiquitous even in the year 2000. Roll a D6. If the result is 3 or higher, the item is available. A new roll can be made each week.
- ★ **SCARCE (S)** items are not easily available, but individual items can be offered for trade from time to time. Roll a D6. If the result is a 5 or a 6, the item is available. A new roll can be made each week.
- ★ **RARE (R)** items are not generally available, and tightly guarded by anyone who possesses them.

The table on page xx indicates typical supply ratings for a range of items, as well as the quantity available if the supply roll succeeds. Note that these are just rough

SUPPLY & QUANTITIES

SUPPLY	ITEM TYPES	QUANTITY
Common (C)	Knives, clubs, pistols, hunting rifles, shotguns, sub-machine guns, assault rifles, hand grenades, anti-personnel mines, small arms ammunition, weapons gear, flashlights, gas masks, medkits, basic tools, spare parts, small stills, tents, food, alcohol fuel, improvised explosives, backpacks, fatigues, tents, fishing gear	D6 items / 2D6x10 rounds of ammo / 2D6x2 rations of food / 2D6x10 liters of fuel / D6 encumbrance units of explosives
Scarce (S)	Machine guns, rocket launchers, mortars, heavy weapons ammunition, anti-tank mines, motorcycles, cars, pickup trucks, flak jackets, helmets, night military radios, vision goggles, searchlights, radiacmeters, hazmat suits, antibiotics, atropine, specialized tools, gasoline/diesel, large stills, batteries, generators, dynamite	One item / D6 rounds of heavy weapons ammo / 2D6x5 liters of fuel / D6 sticks of dynamite
Rare (R)	Guided missiles, howitzers, APCs, main battle tanks	One item

guidelines – the actual supply ratings and quantities depend on the location and situation. The Referee has final say.

When rolling supply of weapons or vehicles, you may only make one roll for each type of item, for example “assault rifle” – you cannot make separate rolls for M16, AKM, FN-FAL, etc. If the item type is available, the Referee decides the exact model, depending on what makes the most sense at the location.

RELIABILITY: When you have established that a weapon or vehicle is available, the Referee rolls a D6 on the table on page xx to determine the reliability rating of the item. If the reliability is reduced below D, the weapon or vehicle needs to be repaired before it can be used.

RELIABILITY

D6	RELIABILITY
1	-4
2	-3
3	-2
4	-1
5-6	Unmodified

DAMAGE TO GEAR

Weapons and vehicles can suffer damage and be broken through use or attacks, as explained in chapter 4. Both weapons and vehicles have reliability ratings, from A to D just like skills. Typically, 1 point of damage will reduce the reliability one step, and if it drops below D, the weapon or vehicle breaks down and needs to be repaired. Vehicles, as well as some weapons, have armor ratings.

OTHER ITEMS: Items that are not vehicles or weapons don't have a reliability rating. Instead, they have a hit


VEHICLE MAINTENANCE

During each week that a vehicle has been driven one hex or more on the travel map, a mechanic needs to make a **TECH** roll to service it, which requires one shift. If the roll fails, the reliability rating of the vehicle is decreased one step.

capacity. Once the item has suffered damage equal to or in excess of its hit capacity, it becomes broken and needs to be repaired before it can be used again. If no hit capacity is listed, assume it to be 1.

REPAIRS: Repairing a broken item typically requires a shift of work, tools of some sort (page xx), a **TECH** roll, and a spare part of the relevant type: vehicle, weapon, electronic – or general, if none of the others apply (page xx). If your roll is successful, the spare part is consumed, and the piece of gear is restored to working order. If the roll fails, you cannot try again until your **TECH** skill level has increased or you have access to better tools.

SCAVENGING FOR PARTS

You can scavenge spare parts (page xx) from items that you come across. If you spend a shift scavenging parts from a piece of gear and make a **TECH** roll, you manage to extract a number of spare parts of the corresponding type (weapon, vehicle, electronic – or general, if none of the others apply) equal to the number of  you roll, up to a maximum total weight equal to the item itself.

You can scavenge an item even if it's inoperable. The item you scavenge is permanently destroyed in the process, and can never be scavenged again, even by another person.

JURY RIGGING

If you can't find the gear you need, you might have to build it for yourself. Some items in this chapter can be jury rigged, if so indicated in the gear lists. This includes crude weapons, but also larger items such as stills for distilling fuel (page xx). Jury rigging an item requires a **TECH** roll, a number of shifts of work and spare parts as indicated by the item's description. You can try again if you fail.

WORKSHOP: If you have access to a workshop with advanced tools, you can build even advanced gear, given time and the right raw materials. Read more about this in the section about base building later in this chapter.

GUN CARE

Every week in which you have used a firearms at least once, you must spend a shift servicing them and make a **TECH** roll, or their reliability rating will drop one step. The Referee can also call for a shift of gun care after extraordinary exposure of some sort, like moving through water or mud.

WEAPONS

WEAPON FEATURES

The features used in the weapon tables are explained below.

TYPE: The type of weapon. See the table on page xx for abbreviations.

AMMO: The specific type of ammunition fired by the weapon. For small arms, this is typically the caliber of the bullet. Heavy weapons can often use several different types of ammunition – see the list on page xx.

REL stands for reliability rating. Wear and damage can reduce this rating, but it can never go above its starting level.

ROF: Rate of fire, which indicates how many ammo dice can be used in an attack.

DAMAGE: The base damage rating, i.e., how many points of damage your opponent suffers if your attack is successful. If you roll extra ☉, you deal 1 additional point of damage per extra ☉ rolled. A dash (–) means that the weapon inflicts no direct damage.

CRIT: The amount of damage you need to inflict in a single attack to trigger a critical injury.

BLAST: The blast power of explosions caused by heavy weapons. For WP, CHEM, and ILLUM rounds, this indicates the area of effect.

RANGE: The **SHORT** range of the weapon, measured in 10-meter hexes.

Melee weapons have no range rating – they can only be used in the same hex.

MAG: The number of rounds of ammunition the magazine of the weapon contains.

ARMOR: The armor modifier of the weapon.

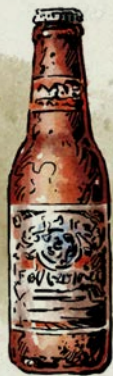
WEIGHT: The weight of the weapon, measured in encumbrance units.

PRICE: The typical price of the weapon, in rounds of small arms ammunition.

WEAPON TYPE ABBREVIATIONS

SMG	Submachine Gun
LMG	Light Machine Gun
GPMG	General Purpose Machine Gun
HMG	Heavy Machine Gun
GL	Grenade Launcher
RL	Rocket Launcher
ATRL	Anti-Tank Rocket Launcher
ATGM	Anti-Tank Guided Missile

MELEE WEAPONS



BOTTLE

DAMAGE	CRIT	ARMOR	WEIGHT	PRICE
1	2	+1	¼	–



KNIFE

DAMAGE	CRIT	ARMOR	WEIGHT	PRICE
2	3	0	¼	5



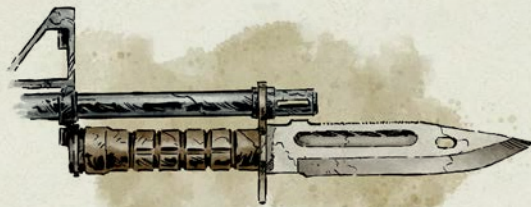
CLUB

DAMAGE	CRIT	ARMOR	WEIGHT	PRICE
2	4	+1	1	1



SPIKED BAT

DAMAGE	CRIT	ARMOR	WEIGHT	PRICE
2	3	+1	1	3



BAYONET

DAMAGE	CRIT	ARMOR	WEIGHT	PRICE
2	3	0	¼+rifle	10



MACHETE

DAMAGE	CRIT	ARMOR	WEIGHT	PRICE
2	3	0	½	20



AXE

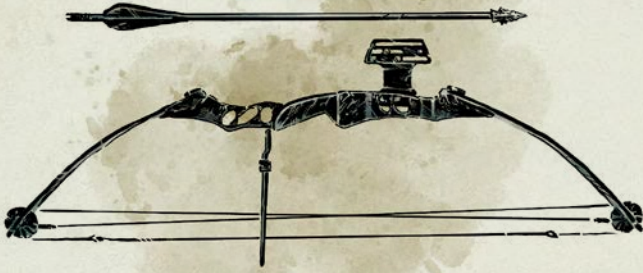
DAMAGE	CRIT	ARMOR	WEIGHT	PRICE
2	2	0	1	30

MELEE WEAPONS

WEAPON	DAMAGE	CRIT	ARMOR	WEIGHT	PRICE
Unarmed	1	3	+2	—	—
Rifle butt	2	4	+1	As rifle	—
Bottle	1	2	+1	¼	—
Knife	2	3	0	¼	5
Club*	2	4	+1	1	1
Spiked bat*	2	3	+1	1	3
Bayonet	2	3	0	¼+rifle	10
Machete	2	3	0	½	20
Axe	2	2	0	1	30

*Can be jury rigged.

BOWS & THROWN



HUNTING BOW

DAMAGE	CRIT	RANGE	ARMOR	WEIGHT	PRICE
1	2	3	+1	1	150



CROSSBOW

DAMAGE	CRIT	RANGE	ARMOR	WEIGHT	PRICE
2	3	4	0	1	200



IMPROVISED BOW

DAMAGE	CRIT	RANGE	ARMOR	WEIGHT	PRICE
1	3	2	+1	1	10

BOWS & THROWN

WEAPON	DAMAGE	CRIT	RANGE	ARMOR	WEIGHT	PRICE
Rock	1	3	1	+2	½	—
Hunting bow	1	2	3	+1	1	150
Crossbow	2	3	4	0	1	200
Improv-ised bow*	1	3	2	+1	1	10

*Can be jury rigged.

CIVILIAN FIREARMS



COLT POLICE POSITIVE

The Colt Police Positive service revolver has been in production since before World War I and was used by many Western nations as a standard service pistol in both World Wars and as a police weapon. Despite the non-traditional caliber, it remains in widespread use.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Revolver	.38 SPL	A	2	1	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	6	+2	½	75



GLOCK 17

The Glock 17 became wildly popular among police and civilians after its introduction in the early 1980s. It was the first commercially successful pistol to incorporate a polymer frame, trigger safety, and a striker-fired action.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Pistol	9x19	A	2	1	2
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	17	+1	½	125



BERETTA 92F

The Beretta 92F has been in production since the 1970s, and formed the basis for the US Army's M9 pistol. Its wide availability and ease of operation have made it a favorite of many law enforcement organizations.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Pistol	9x19	A	2	1	2
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
-	2	15	+1	½	100



M700

The M700 is a series of bolt-action hunting rifles popular since the 1960s and most commonly available in 7.62x51mm. Multiple barrel, magazine, stock, and sighting options are available.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Hunting rifle	.30-06	A	1	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
-	10	5	0	1	300



M1894

The M1894 is a traditional lever-action hunting rifle designed in the 19th century to tame the Wild West and popularize the .30-30 cartridge. It has since been found worldwide among hunters and sometimes among guerrilla fighters and is still in production.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Hunting rifle	.30-30	A	1	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
-	5	8	0	1	250



PIPE GUN (RIFLE)

The pipe gun is an improvised firearm made from pipes, nails, and scraps to fire rifle shells. They are unreliable and inaccurate, but generally used only once to gain a better weapon from their victim (if they succeed). This weapon can be jury rigged, using two weapon or general spare parts.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Hunting rifle	Any rifle	C	1	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
-	3	1	+1	1	25



AUTO-5

The Auto-5 (or A5) is one of the first semi automatic hunting shotguns and was developed before the start of World War I and produced through the 1970s. It is still widely used among hunters and was also pressed into military service during both World Wars.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Shotgun	12 GA	A	2	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
-	2	5	+1	1	225



870P

The 870P is a very popular modern pump-action hunting shotgun. Designed in the 1950s, it comes with a standard 5-round tube. It has also been adopted by many military and police forces. Aftermarket accessories such as extended 7-round tubes, shorter riot barrels, and folding stocks are also available.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Shotgun	12 GA	A	1	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	5	+1	1	200



311R

The 311R is a typical side-by-side double-barreled hunting shotgun of a pattern that has been around since the 19th century. This shotgun is sometimes found sawed-off and using a pistol grip to make it more handy (encumbrance ½, range 1). Over-and-under double-barreled shotguns have identical combat values.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Shotgun	12 GA	A	2	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	2	+1	1	150



PIPE GUN (SHOTGUN)

The pipe gun is an improvised firearm made from scraps to fire shotgun shells. They are unreliable and inaccurate. This weapon can be jury rigged, using two weapon or general spare parts.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Shotgun	12 GA	C	1	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	1	1	+1	1	25



ZIP GUN

Similar to the pipe gun, but fires pistol rounds. This weapon can be jury rigged, using one weapon or general spare part.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Pistol	Any pistol	C	1	1	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	1	1	+2	½	25

CIVILIAN FIREARMS

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
Colt Police Positive	Revolver	.38 SPL	A	2	1	3	—	2	6	+2	½	75
Glock 17	Pistol	9x19	A	2	1	2	—	2	17	+1	½	125
Beretta 92F	Pistol	9x19	A	2	1	2	—	2	15	+1	½	100
M700	Hunting rifle	.30-06	A	1	3	4	—	10	5	0	1	300
M1894	Hunting rifle	.30-30	A	1	3	4	—	5	8	0	1	250
Pipe gun*	Hunting rifle	Any rifle	C	1	3	4	—	3	1	+1	1	25
Auto-5	Shotgun	12 GA	A	2	3	4	—	2	5	+1	1	225
870P	Shotgun	12 GA	A	1	3	4	—	2	5	+1	1	200
311R	Shotgun	12 GA	A	2	3	4	—	2	2	+1	1	150
Pipe gun*	Shotgun	12 GA	C	1	3	4	—	1	1	+1	1	25
Zip gun*	Pistol	Any pistol	C	1	1	3	—	1	1	+2	½	25

*Can be jury rigged.

US MILITARY WEAPONS



M1911A1

The M1911A1 served the US armed forces from World War I through Vietnam and when war broke out in the 1990s, there were still many tens of thousands in the inventory and in reserve stocks that were issued to mobilized reservists and newly-formed units. Although the ammunition can be a bit scarce in Europe, it is a simple, reliable, and powerful pistol.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Pistol	.45	A	2	2	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	7	+1	½	100



M9

The M9 officially replaced the M1911A1 in US service in 1980, but production was delayed until 1988. By the time war broke out in the 1990s, only front-line troops and officers had the M9, while many reserve units and units that had been formed from freshly-recruited troops were issued the M1911A1. The 9mm ammo of the M9 was much easier to find than .45 ACP, and the larger magazine capacity made it more efficient, leading to it being more popular among most soldiers.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Pistol	9x19	A	2	1	2
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	15	+1	½	100



M16

The M16A1 assault rifle was developed in the 1960s for use in the jungles of Vietnam. After some teething problems were resolved, it became the standard rifle of the US armed forces until it was replaced by the M16A2 in the mid-80s. Large stockpiles of M16A1s were sold or given to allies or maintained by reserve and training units. These rifles were issued en masse when war broke out in the '90s, mainly to units that had just been formed or to expand reserve units. Many soldiers actually preferred the M16A1 over the M16A2 due to its higher rate of fire and lighter weight.

The M16A2 assault rifle replaced the M16A1 in the mid-1980s. The main improvements were a heavier barrel designed around the newer 5.56mm ammunition, easier sight adjustment, better flash hider, and a slightly longer stock. Another "feature" was the removal of fully-automatic fire and its replacement with a 3-round burst system, intended to increase hit probability and conserve ammunition. This rifle was the primary arm of combat units in US service in the 1990s.

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
M16A1	Assault rifle	5.56x45	A	6	2	3	—	5	30	0	1	400
M16A2	Assault rifle	5.56x45	A	3	2	3	—	6	30	0	1	400



M4

The M4 assault rifle is a shorter carbine version of the M16A2 with a telescoping stock and shorter barrel to make it handier for troops operating from vehicles or in close environments, like the Vietnam-era XM177E2 (CAR-15) carbine it replaced. It was first issued in the mid-1990s and includes a Picatinny mounting rail on the top of the receiver. Its adjustable stock and lighter weight also make it better suited to soldiers with smaller stature. Like the M16A2, it is limited to 3-round bursts in lieu of automatic fire.

The M4A1 is a fully-automatic version of the M4 carbine intended for specialized combat troops such as Rangers and Special Forces. Otherwise, it is identical to the regular M4.

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
M4	Assault rifle	5.56x45	A	3	2	3	—	4	30	0	1	350
M4A1	Assault rifle	5.56x45	A	6	2	3	—	4	30	0	1	375



M40A3

The M40A3 is the most recent in a line of US Marine Corps sniper rifles begun during the war in Vietnam. It is based on the civilian Remington M700 action but customized and accurized by USMC armorers. The earlier M40A1, which was replaced by the M40A3 in the 1990s, is very similar to the M40A3, as there were only very minor changes in the upgrade.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Sniper rifle	7.62x51	A	1	3	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	12	5	0	2	500



M21

The M21 is an accurized match-grade M14 battle rifle developed during the war in Vietnam. It served until replaced by the M24 Sniper Weapon System in 1988, but was retained widely in reserve units and often used in an intermediate sniping role as a DMR due to its higher rate of fire. A newer version of the M21, called the M25, was also developed and tested in the 1990s by the 10th Special Forces Group.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Sniper rifle	7.62x51	A	1	3	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	12	5	0	2	500



M82A1

The M82A1 was issued in the early 1990s as the Special Applications Scoped Rifle (SASR) to many special operations units and designated for use against light vehicles, although it was primarily used for very long-range sniping. More were purchased in the prelude to war in the mid-1990s, but the lack of the rare specialized sniping ammunition left snipers using extra M2 machinegun ammunition, which was less accurate at extreme ranges (although still ideal for shooting at light vehicles).

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Sniper rifle	.50 M2	A	1	4	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	20	10	0	3	1,000



M79

The M79 was the first US military grenade launcher issued during the war in Vietnam. It uses a single-shot break-action similar to hunting shotguns, but fires a 40mm grenade instead of a shotgun shell (although a shotgun-shell-like canister round is also available). The grenades are spin-armed and will not detonate under 15 meters (two hexes). Although replaced by the M203, this grenade launcher is still widely available among combat units. Some special operations units were even known to saw off the barrel and the stock to create a small and powerful, if inaccurate, break-contact weapon for emergency use.

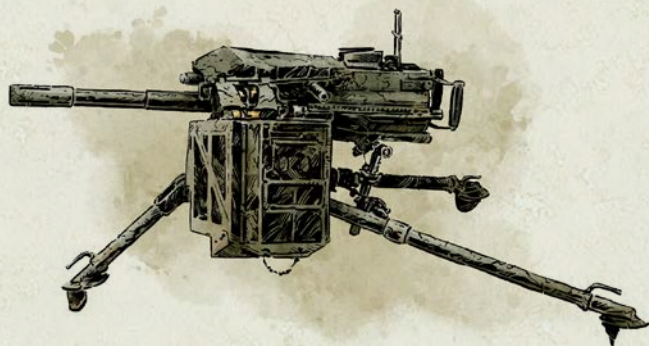
TYPE	AMMO	REL	ROF	DAMAGE	CRIT
GL	40x46	A	1	3	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
D	5	1	0	1	250



M203

The M203 grenade launcher supplemented and then replaced the M79 in the 1970s, its shorter barrel and heavy balance effect on the M16 and M4 made both rifles harder to shoot (-1 modifier) while giving the M203 less effective range than the M79. It is very common among combat arms units, but much less so among reserve and rear-echelon support units. Like the M79, the 40mm grenades are spin-armed and will not detonate under 15 meters (two hexes).

TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
GL	40x46	A	1	3	3	D	4	1	0	½	300



MK 19

The Mk 19 is a belt-fed automatic grenade launcher developed during the war in Vietnam that fires longer 40mm grenades than the M79 and M203 out to much longer ranges. It must be mounted on a tripod or a pintle and is most often found on vehicles and is very useful for fire suppression, even against buildings, and engaging light vehicles.

Unlike other heavy weapons, the Mk 19 does use ammo dice just like small arms. If you hit, each ☉ on an ammo die lets you land an additional grenade in the target hex or a hex adjacent to it – or, if you attacked a specific target, score another hit on the target, or a secondary target in the same or an adjacent hex. If you miss, roll deviation one additional time for each ☉ rolled on your ammo dice.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
GL	40x53	A	4	3	3	D	20	32	0	6	2,500



M249

The M249 light machinegun (often called a SAW, for Squad Automatic Weapon, even though that designation has been dropped) is a US copy of the FN Minimi adopted into US service in the mid-'80s. It can be fired from the integral bipod, or from a tripod or vehicle pintle mount. It is capable of firing from belts of disintegrating links, which can be carried in a box attached to the receiver, and it can also use standard M16 (STANAG) magazines in an emergency.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
LMG	5.56x45	A	6	2	3

BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
–	6	200	0	2	1,000



M60

The M60 general-purpose machinegun (GPMG) was developed in the 1950s from the World War II German FG-42 and MG-42. Although officially replaced in service by the M240B in the early 1990s, there were still large numbers in the US inventory and by the outbreak of war in the mid-'90s it was still the primary machinegun of American combat arms units. It includes an attached bipod and can also be fired from a tripod.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
GPMG	7.62x51	B	4	3	4

BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
–	8	100	0	3	1,250



M240B

The M240B was adopted by the US armed forces as a vehicle-mounted machinegun in the late 1970s, and then as an infantry weapon in the early 1990s. It comes standard with a bipod but may also be mounted on a tripod or pintle. Unlike the M60, which was well known for jamming, the M240B was very reliable.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
GPMG	7.62x51	A	4	3	4

BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
–	8	100	0	3	1,500



M2HB

The venerable Browning M2HB .50 machinegun was developed during World War I but not adopted until the 1930s. It has served in every branch of the US armed forces since then, mainly on vehicles, but also on tripods from fixed fighting positions. The weapon is so heavy, however, that a team is required to carry the barrel, receiver, tripod, and ammunition separately.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
HMG	.50 M2	A	4	4	4

BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
–	15	100	0	7	2,000



M72A3 LAW

The M72A3 Light Antitank Weapon (LAW) fires a 66mm HEAT rocket from a disposable, extendable fiberglass tube. It was introduced in the early 1960s and slated to be replaced by the M136 AT-4 in the 1980s, but production of the M72A3 continued through the beginning of the war in the mid-'90s, since it was found to be particularly useful against light vehicles and buildings, and two M72A3 could be carried instead of one M136 AT-4.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATRL	66mm	A	1	6	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
C	3	1	-1	1	100



M136 AT4

The M136 AT4 is a modified version of the earlier Swedish 74 mm Pansarskott m/68, developed in the late 1960s, adopted by the US armed forces in the mid-'80s. Like the M72A3 LAW, it is a disposable anti-tank weapon, but it has much better penetration and range than the M72A3. Like the LAW, it is also effective against buildings and lighter vehicles.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATRL	84mm	A	1	8	2
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
B	5	1	-1	2	200



FGM-148

The FGM-148 Javelin is a top-attack fire-and-forget antitank guided missile that only started being issued in the mid-'90s as a replacement for the M47 Dragon, so it is still quite rare. It is also capable of guiding itself against designated helicopters. The Command Launch Unit (CLU) is attached to a disposable missile canister to fire, but may also be used separately as a thermal imaging system.

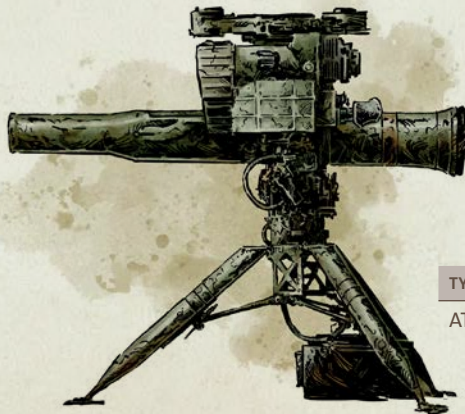
TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATGM	127mm	A	1	10	1
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
B	40	1	-1	3	7,500



M47 DRAGON

The M47 Dragon was developed in the mid-1970s as a wire-guided antitank missile capable of defeating the frontal armor of nearly any main battle tank. The gunner was expected to keep the crosshairs on the target for as long as 5 seconds while the missile flew to the target, despite having given away their position by the firing signature.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATGM	140mm	A	1	11	1
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
B	25	1	-1	3	5,000



BGM-71 TOW

The Tube-launched, Optically-tracked, Wire-guided (TOW) missile system was developed in the 1960s and is normally mounted on a vehicle (such as the Bradley or M901 ITV or a HMMWV) but can be carried by a crew. The gunner was expected to keep the crosshairs on the target for as long as 10 seconds while the missile flew to the target, despite having given away their position by the firing signature. Because the TOW has a much longer range than the Dragon, this was generally not a problem.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
ATGM	152mm	A	1	11	1	B	50	1	-2	15	10,000

US MILITARY WEAPONS

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
M1911A1	Pistol	.45	A	2	2	3	—	2	7	+1	½	100
M9	Pistol	9x19	A	2	1	2	—	2	15	+1	½	100
M16A1	Assault rifle	5.56x45	A	6	2	3	—	5	30	0	1	400
M16A2	Assault rifle	5.56x45	A	3	2	3	—	6	30	0	1	400
M4	Assault rifle	5.56x45	A	3	2	3	—	4	30	0	1	350
M4A1	Assault rifle	5.56x45	A	6	2	3	—	4	30	0	1	375
M40A3	Sniper rifle	7.62x51	A	1	3	3	—	12	5	0	2	500
M21	Sniper rifle	7.62x51	A	2	3	3	—	10	20	0	2	450
M82A1	Sniper rifle	.50 M2	A	1	4	3	—	20	10	0	3	1,000
M79	GL	40x46	A	1	3	3	D	5	1	0	1	250
M203	GL	40x46	A	1	3	3	D	4	1	0	½	300
Mk 19	GL****	40x53	A	4	3	3	D	20	32	0	6**	2,500
M249	LMG	5.56x45	A	6	2	3	—	6	200*	0	2	1,000
M60	GPMG	7.62x51	B	4	3	4	—	8	100*	0	3	1,250
M240B	GPMG	7.62x51	A	4	3	4	—	8	100*	0	3	1,500
M2HB	HMG	.50 M2	A	4	4	4	—	15	100*	0	7***	2,000
M72A3 LAW	ATRL	66mm	A	1	6	3	C	3	1**	-1	1	100
M136 AT4	ATRL	84mm	A	1	8	2	B	5	1**	-1	2	200
FGM-148	ATGM	127mm	A	1	10	1	B	40	1	-1	3	7,500
M47 Dragon	ATGM	140mm	A	1	11	1	B	25	1	-1	3	5,000
BGM-71 TOW	ATGM	152mm	A	1	11	1	B	50	1	-2	15***	10,000

*Ammo belt (one encumbrance unit).

**Disposable. Can be fired only once.

***Needs to be fired from a tripod or vehicle mount.

****Automatic grenade launcher. Uses ammo dice (page xx).

SOVIET MILITARY WEAPONS



PM

The Pistolet Makarova, commonly known as the Makarov, was adopted by the Soviet Armed Forces in the early 1950s to replace older pre-World War II designs. It was built around a new 9x18mm cartridge midway in power between the 9x17mm (.380 ACP) and 9x19mm (9mm Parabellum or NATO). It was later supplemented, but not replaced, by the PSM pistol.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Pistol	9x18	A	2	1	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	8	+2	½	75



PSM

The Pistolet Samozaryadny Malogabaritny supplemented the Makarov in the early 1970s. It fires a 5.45x18mm cartridge that is basically the Makarov round necked down to fire an AK-74 bullet. Because it is so small, it is popular among undercover agents and high-ranking officers.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Pistol	5.45x18	A	2	1	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	8	+1	¼	75



AKM

The final version of the legendary Avtomat Kalashnikova AK-47, the “modernized” AK took over production in the late 1950s. Although it was officially replaced by the AK-74 in the mid-1970s, it never went out of style and large stockpiles were held in reserve and provided to Soviet allies.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Assault rifle	7.62x39	A	4	2	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	5	30	0	1	300



AK-74

The AK-74 is the latest AK-derivative used by the Soviet armed forces and officially supplanted the AKM in front-line service in the mid-1970s. Like most NATO assault rifles, it is built around a smaller caliber cartridge, in this case the 5.45x39mm derived from the original 7.62x39mm cartridge of the AK-47.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Assault rifle	5.45x39	A	5	2	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	6	30	0	1	400



PP-19

The PP-19 Bizon is a submachine gun based on the AK receiver firing 9x18mm Makarov pistol ammunition from a helical magazine below the barrel. It was adopted in the early 1990s and issued primarily to counter-terrorist units of the MVD and KGB.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
SMG	9x18	A	5	1	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	3	64	+2	1	350



GP-25

The GP-25 series consists of 40mm grenade launchers for any AK series rifle. The grenade has no cartridge case and is muzzle-loaded, making it more like a trigger-fired 40mm mortar than a grenade launcher. The spin-armed fuse sets between 10 and 40 meters from the muzzle, so the grenade will not detonate any closer than that.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
GL	40mm	A	1	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
D	4	1	0	1	250



AGS-17

The AGS-17 Plamya is a belt-fed 30mm automatic grenade launcher that can be mounted on a tripod or a vehicle pintle. It was adopted in the early 1970s and has been used widely since that time. Unlike the GP-25 40mm grenade launcher, the AGS-17 used conventional cased cartridges.

Unlike other heavy weapons, the AGS-17 uses ammo dice just like small arms. If you hit, each ⊕ on an ammo die lets you land an additional grenade in the target hex or a hex adjacent to it – or, if you attacked a specific target, score another hit on the target, or a secondary target in the same or an adjacent hex. If you miss, roll deviation one additional time for each ⊕ rolled on your ammo dice.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
GL	30x29	B	4	3	4	D	15	29	0	5	2,000



SVD-63

The SVD-63, more commonly known as the SVD or Dragunov, is a platoon-issued semi automatic sniper rifle introduced in the Soviet Army during the early 1960s. It is very common, although the folding-stock version (issued to paratroopers) is still quite rare.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Sniper rifle	7.62x54	A	2	3	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	10	10	0	2	500



PKM

The PKM, or modern version of the Pulemyot Kalashnikova, is a Soviet belt-fed general-purpose machinegun introduced in the 1960s. It comes with a detachable bipod, but it can also be mounted on a tripod or a vehicle pintle.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
GPMG	7.62x54	A	5	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	8	100	0	3	1,250

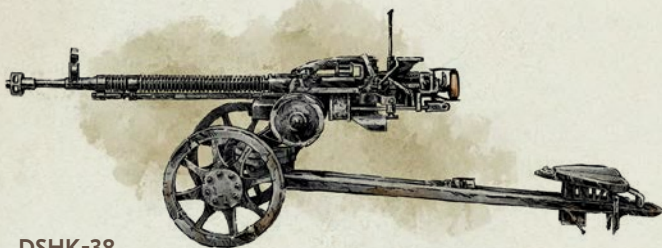


RPK

The RPK or Ruchnoy Pulemyot Kalashnikova, is the LMG version of the AK-47 series. It has a longer, heavier barrel with an integral bipod and is issued with 40-round magazines and 75-round drums, both of which can be used in a regular AKM. A model with a folding stock is also available for use by airborne forces.

The RPK-74 is simply the RPK version of the AK-74. Like the RPK, it has a heavier barrel with a built-in bipod, but it is issued only with 45-round magazines and not drums. This magazine is also interchangeable with the 30-round magazine of the AK-74. A folding-stock model is made for paratroopers.

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
RPK	LMG	7.62x39	A	4	2	3	—	6	75	0	2	600
RPK-74	LMG	5.45x39	A	5	2	3	—	7	40	0	2	750



DShK-38

The DShK-38, or Degtyaryova-Shpagina Krupnokaliberny model of 1938, is a Soviet heavy machinegun adopted in the late 1930s. It can be fired from a vehicle pintle or broken down and carried by a crew for tripod use. Although mostly replaced by the NSV, tens of thousands of DShK-38 machineguns are still in service and stockpiles.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
HMG	12.7x108	A	4	4	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	15	50	0	7	1,750



NSV

The NSV, or Nikitina-Sokolova-Volkova, is a Soviet heavy machinegun that began replacing the DShK-38 in the early 1970s. It is most often mounted on vehicles; however, it can be broken down and carried by a crew for tripod-mounted use.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
HMG	12.7x108	A	6	4	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	15	50	0	6	2,000



RPG-7V

The RPG-7V, or Ruchnoy Protivotankoviy Granatomyot, is a portable, reloadable antitank rocket launcher based on the RPG-2, itself derived from the World War II German Panzerfaust. It was developed in the early 1960s and has a very small backblast which enables it to be fired indoors safely.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATRL	83mm	A	1	7	2
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
C	6	1	-1	2	750



RPG-16

The RPG-16 is a smaller version of the RPG-7V intended for use by airborne and Spetsnaz troops. It is more accurate than the RPG-7V, but has a smaller warhead with less armor penetration.

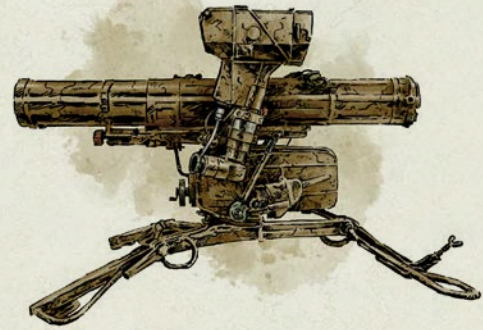
TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATRL	58mm	A	1	5	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
C	8	1	-1	2	1,000



KPV

The KPV, or Krupnokaliberniy Pulemyot Vladimirova, is a Soviet heavy machinegun introduced shortly after World War II. It can be found mounted on many armored fighting vehicles and on independent towed anti-aircraft trailers such as the ZPU-1, ZPU-2, and ZPU-4 (the numbers indicating how many KPV machineguns are mounted together).

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
HMG	14.5x114	A	4	4	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
-	20	40	0	9	2,500



9M113 KONKURS

The 9M113 Konkurs (NATO codename AT-5 Spandrel) is a wire-guided antitank missile developed in the mid-1970s and often found mounted on vehicles. It can also be carried by a crew for firing from a tripod.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATGM	135mm	A	1	10	1
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
B	40	1	-1	3	5,000

SOVIET MILITARY WEAPONS

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
PM	Pistol	9x18	A	2	1	3	-	2	8	+2	½	75
PSM	Pistol	5.45x18	A	2	1	3	-	2	8	+1	¼	75
AKM	Assault rifle	7.62x39	A	4	2	3	-	5	30	0	1	300
AK-74	Assault rifle	5.45x39	A	5	2	3	-	6	30	0	1	400
PP-19	SMG	9x18	A	5	1	3	-	3	64	+2	1	350
GP-25	GL	40mm	A	1	3	4	D	4	1	0	1	250
AGS-17	GL****	30x29	B	4	3	4	D	15	29	0	5***	2,000

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
SVD-63	Sniper rifle	7.62x54	A	2	3	3	—	10	10	0	2	500
RPK	LMG	7.62x39	A	4	2	3	—	6	75	0	2	600
RPK-74	LMG	5.45x39	A	5	2	3	—	7	40	0	2	750
PKM	GPMG	7.62x54	A	5	3	4	—	8	100*	0	3	1,250
DShK-38	HMG	12.7x108	A	4	4	4	—	15	50*	0	7***	1,750
NSV	HMG	12.7x108	A	6	4	4	—	15	50*	0	6***	2,000
KPV	HMG	14.5x114	A	4	4	3	—	20	40*	0	9***	2,500
RPG-7V	ATRL	83mm	A	1	7	2	C	6	1	-1	2	750
RPG-16	ATRL	58mm	A	1	5	3	C	8	1	-1	2	1,000
9M113	ATGM	135mm	A	1	10	1	B	40	1	-1	3	5,000
Konkurs												

*Ammo belt (one encumbrance unit).

**Disposable. Can be fired only once.

***Needs to be fired from a tripod or vehicle mount.

****Automatic grenade launcher. Uses ammo dice (page xx).

SWEDISH MILITARY WEAPONS



PIST 88

The Pist 88 is the Austrian Glock 17 pistol manufactured under license in Sweden since the 1980s. It is a striker-fired polymer-framed double-column 9x19mm pistol, well known both for its reliability and its simplicity of use.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Pistol	9x19	A	2	1	2
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	17	+1	½	100



AK 4

The Ak 4 Automatkarbin is the German G3 battle rifle manufactured under license in Sweden. It was developed in the late 1950s in cooperation with Spain and its design was based on the World War II StG 44. Sweden adopted the rifle in the late 1960s, and in spite of its replacement by the Ak 5, many Ak 4 rifles are still issued and held in stockpiles.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Battle rifle	7.62x51	A	4	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	8	20	0	2	500



AK 5

The Ak 5 is the Belgian FNC assault rifle manufactured under license in Sweden. This rifle was developed in the early 1980s as a replacement for Belgium's aging FN FALs, and was subsequently adopted by other nations including Sweden and Indonesia.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
Assault rifle	5.56x45	A	5	2	3	—	6	30	0	1	400



PSG 90

The Psg 90 Prickskyttegevär is the Arctic Warfare bolt-action sniper rifle designed for cold climates and manufactured under license in Sweden. It is identical to the British L118A1 and Australian SR98. A folding-stock model (Psg 90B) is also available.

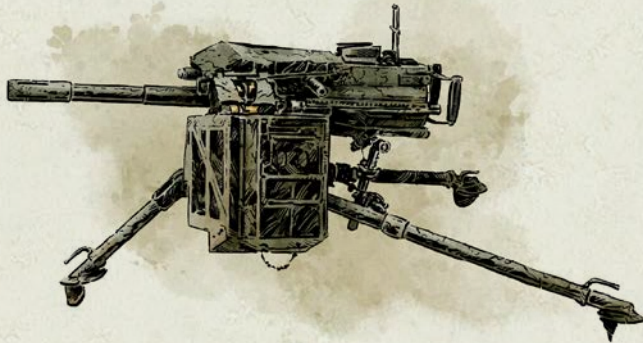
TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Sniper rifle	7.62x51	A	1	3	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	12	10	0	2	750



AG 90

The Ag 90 is the US Barrett M82A1 sniper rifle manufactured under license in Sweden. See the US listing for the M82A1 for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Sniper rifle	.50 M2	A	1	4	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	20	10	0	3	1,000



GRSP 40

The Grsp 40 is the US Mk 19 automatic grenade launcher manufactured under license in Sweden. See the US listing for the Mk 19 for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
HMG	40x53	A	4	3	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
D	20	32	0	6	2,500



MP5

The Swedish MP5 is the German MP5 submachine gun manufactured under license in Sweden. It was developed in the 1960s with many variants available and has become one of the most popular submachine guns in the world.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
SMG	9x19	A	5	1	2
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	3	30	+1	1	400



KSP 90

The Ksp Kulspruta 90 is the FN Minimi light machinegun manufactured under license in Sweden. See the US listing for the M249 for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
LMG	5.56x45	A	6	2	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	6	200	0	2	1,000



KSP 58B

The Ksp 58B is the FN MAG 59 general-purpose machinegun manufactured under license in Sweden. See the US listing for the M240B for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
GPMG	7.62x51	A	4	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	8	100	0	3	1,500



KSP 88

The Ksp 88 is the US Browning M2HB heavy machinegun manufactured under license in Sweden. See the US listing for the M2HB for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
HMG	.50 M2	A	4	4	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	15	100	0	7	2,000



GRG M/48

The Grg m/48, also known as the Carl Gustaf, is a shoulder-fired 84mm recoilless rifle designed in the late 1940s and adopted by the Swedish army. The M3 version, introduced in the early 1990s, was also adopted for limited use by US SOCOM.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATRL	84mm	A	1	7	2
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
C	5	1	-1	3	1,000



PSKOTT M/86

The Pskott Pansarskott m/86 was developed in the mid-1980s to replace the older 74mm Pskott m/68. It was adopted by the US armed forces as the M136 AT4. See the US listing for the M136 AT4 for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATRL	84mm	A	1	7	2
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
C	5	1	-1	1	200

SWEDISH MILITARY WEAPONS

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
Pist 88	Pistol	9x19	A	2	1	2	—	2	17	+1	½	100
Ak 4	Battle rifle	7.62x51	A	4	3	4	—	8	20	0	2	500
Ak 5	Assault rifle	5.56x45	A	5	2	3	—	6	30	0	1	400
Psg 90	Sniper rifle	7.62x51	A	1	3	3	—	12	10	0	2	750
Ag 90	Sniper rifle	.50 M2	A	1	4	3	—	20	10	0	3	1,000
Grsp 40	HMG	40x53	A	4	3	3	D	20	32	0	6***	2,500
MP5	SMG	9x19	A	5	1	2	—	3	30	+1	1	400

SWEDISH MILITARY WEAPONS, CONT.

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
Ksp 90	LMG	5.56x45	A	6	2	3	—	6	200*	0	2	1,000
Ksp 58B	GPMG	7.62x51	A	4	3	4	—	8	100*	0	3	1,500
Ksp 88	HMG	.50 M2	A	4	4	4	—	15	100*	0	7***	2,000
Grg m/48	ATRL	84mm	A	1	7	2	C	5	1	-1	3	1,000
Pskott m/86	ATRL	84mm	A	1	7	2	C	5	1**	-1	1	200

*Ammo belt (one encumbrance unit).

**Disposable. Can be fired only once.

***Needs to be fired from a tripod or vehicle mount.

POLISH MILITARY WEAPONS



P-83

The P-83 is a copy of the Soviet Makarov PM pistol manufactured in Poland. See the Soviet listing for the PM for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Pistol	9x18	A	2	1	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	8	+2	½	75



AKM

The AKM is a copy of the Soviet AKM assault rifle manufactured in Poland. See the Soviet listing for the AKM for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Assault rifle	7.62x39	A	4	2	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	5	30	0	1	300



PMK-60

The PMK-60 is a special Polish version of the AK-47 that includes an adapter for firing rifle grenades (no other AK-series rifles are inherently capable of firing rifle grenades). Other than that, this rifle is treated as a standard AKM.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Assault rifle	7.62x39	A	4	2	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	5	30	0	1	350



PM-84

The PM-84 Glauberyt is a Polish submachine gun that entered service in the mid-1980s to provide a lighter personal defense weapon for vehicle crews and police. It is not widely used (or even well known) outside of Poland.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
SMG	9x18	A	4	1	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	3	25	+2	1	300



WZ. 1974

The WZ. 1974 Pallad is an indigenous Polish underbarrel grenade launcher for the AKM. It is more similar to the M203 than the Soviet GP-25, as it uses a conventionally-cased 40x47mm cartridge that is not interchangeable with the NATO 40x46mm grenade cartridge.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
GL	40x47	A	1	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
D	5	1	0	½	350



SWD

The SWD is a copy of the Soviet SVD-63 sniper rifle manufactured in Poland. See the Soviet listing for the SVD-63 for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Sniper rifle	7.62x54	A	2	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	10	10	0	2	500



RPK

The RPK is a copy of the Soviet RPK light machinegun manufactured in Poland. See the Soviet listing for the RPK for more information.

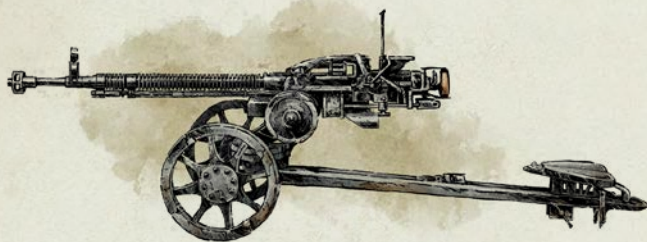
TYPE	AMMO	REL	ROF	DAMAGE	CRIT
LMG	7.62x39	A	4	2	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	6	75	0	2	600



PKM

The PKM is a copy of the Soviet PKM general-purpose machinegun manufactured in Poland. See the Soviet listing for the PKM for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
GPMG	7.62x54	A	5	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	8	100	0	3	1,250



DSzKM

The DSzKM is a copy of the Soviet DShK-38 heavy machinegun manufactured in Poland. See the Soviet listing for the DShK-38 for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
HMG	12.7x108	A	4	4	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	15	50	0	7	1,750



NSW

The NSW is a copy of the Soviet NSV heavy machinegun manufactured in Poland. See the Soviet listing for the NSV for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
HMG	12.7x108	A	6	4	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	15	50	0	6	2,000



RPG-7V

The RPG-7V is a copy of the Soviet RPG-7V antitank rocket launcher manufactured in Poland. See the Soviet listing for the RPG-7V for more information.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATRL	83mm	A	1	7	8
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
C	6	1	-1	1	750

POLISH MILITARY WEAPONS

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
P-83	Pistol	9x18	A	2	1	3	-	2	8	+2	½	75
AKM	Assault rifle	7.62x39	A	4	2	3	-	5	30	0	1	300
PMK-60	Assault rifle	7.62x39	A	4	2	3	-	5	30	0	1	350
PM-84	SMG	9x18	A	4	1	3	-	3	25	+2	1	300
wz. 1974	GL	40x47	A	1	3	4	D	5	1	0	½	350
SWD	Sniper rifle	7.62x54	A	2	3	4	-	10	10	0	2	500
RPK	LMG	7.62x39	A	4	2	3	-	6	75	0	2	600
PKM	GPMG	7.62x54	A	5	3	4	-	8	100*	0	3	1,250
DSzKM	HMG	12.7x108	A	4	4	4	-	15	50*	0	7**	1,750
NSW	HMG	12.7x108	A	6	4	4	-	15	50*	0	6**	2,000
RPG-7V	ATRL	83mm	A	1	7	8	C	6	1	-1	1	750

*Ammo belt (one encumbrance unit).

**Needs to be fired from a tripod or vehicle mount.

OTHER MILITARY WEAPONS



FN FAL

The FN FAL was one of the world's first modern battle rifles and was adopted by many Western nations as their standard infantry weapon in the 1950s. It was available with a fixed or folding stock and in semiautomatic and selective-fire models, as well as LMG and carbine versions.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Battle rifle	7.62x51	A	4	3	4
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
-	8	20	0	2	500



FAMAS

The FAMAS was the French contribution to the development of bullpup assault rifles, and this model was adopted in the late 1970s to replace the older battle rifles and submachine guns of the French army.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Assault rifle	5.56x45	A	6	2	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
-	5	25	0	1	400



VZ 61

The vz 61 Škorpion is a rare but interesting Czechoslovakian machine pistol adopted in the early 1960s and generally used as a PDW to replace both pistol and submachine gun. Although carried holstered, like a pistol, it has a folding stock and generally larger magazine capacity than most pistols, although firing a somewhat underpowered cartridge.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
SMG	7.65x17	A	6	1	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	2	20	+2	½	200



UZI

The Israeli Uzi is one of the most famous submachine guns of all time and was adopted in the early 1950s by the IDF before being exported around the world. It is available with either a detachable fixed stock or a folding stock and is one of the few submachine guns ever made to accept a bayonet.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
SMG	9x19	A	4	1	2
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	3	32	+1	1	350



PSG-1

The PSG-1 *Präzisionsschützengewehr* is a German semi automatic sniper rifle derived from the G3 series of battle rifles and adopted in the 1970s, mainly for use by counterterrorism units. A military version with plastic accessories (weight 1), called the MSG90, was developed in the early 1990s but is even more rare than the original rifle.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
Sniper rifle	7.62x51	A	1	3	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
—	12	20	0	2	1,000



ARMBRUST

The German Armbrust is one of the few disposable antitank rocket launchers that can be fired safely from indoors due to its low firing signature. It was developed in the 1970s and is similar to the M72A3 LAW in lethality.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATRL	67mm	A	1	6	3
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
C	4	1	-1	1	100



PZF 3

The German *Panzerfaust* 3 antitank rocket launcher was adopted in the early 1990s to replace the aging PzF 44 developed at the end of World War II. It is similar to the RPG-7V, itself derived from the original Panzerfaust, but has longer range and greater penetration than the Soviet weapon.

TYPE	AMMO	REL	ROF	DAMAGE	CRIT
ATRL	110mm	A	1	8	1
BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
C	7	1	-1	1	250

OTHER MILITARY WEAPONS

WEAPON	TYPE	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR	WEIGHT	PRICE
FN FAL	Battle rifle	7.62x51	A	4	3	4	—	8	20	0	2	500
FAMAS	Assault rifle	5.56x45	A	6	2	3	—	5	25	0	1	400
Vz 61	SMG	7.65x17	A	6	1	3	—	2	20	+2	½	200
Uzi	SMG	9x19	A	4	1	2	—	3	32	+1	1	350
PSG-1	Sniper rifle	7.62x51	A	1	3	3	—	12	20	0	2	1,000
Armbrust	ATRL	67mm	A	1	6	3	C	4	1*	-1	1	100
PzF 3	ATRL	110mm	A	1	8	1	C	7	1*	-1	1	250

*Disposable. Can be fired only once.

HAND GRENADES



FRAGMENTATION

DAMAGE	CRIT	BLAST	RANGE
2	3	C	3

ARMOR	WEIGHT	PRICE
+1	¼	25



ANTI TANK

DAMAGE	CRIT	BLAST	RANGE
6	3	D	3

ARMOR	WEIGHT	PRICE
-1	¼	50



WHITE PHOSPHOROUS

DAMAGE	CRIT	BLAST	RANGE
—	—	Fire C	3

ARMOR	WEIGHT	PRICE
—	¼	50



IMPROVISED

DAMAGE	CRIT	BLAST	RANGE
2	3	C	2

ARMOR	WEIGHT	PRICE
+1	1	10

HAND GRENADES

WEAPON	DAMAGE	CRIT	BLAST	RANGE*	ARMOR	WEIGHT	PRICE
Fragmentation	2	3	C	3	+1	¼	25
Anti Tank	6	3	D	3	-1	¼	50
White Phosphorous	—	—	Fire C	3	—	¼	50
Improvised**	2	3	C**	2	+1	1	10

*Can only be used at **SHORT** range.

**Can be jury rigged, using one encumbrance unit of improvised explosives (or a quarter unit of plastic explosives, or one dynamite stick), and one general spare part for shrapnel (page xx).

ARTILLERY

VEHICLE CANNONS

WEAPON	AMMO	REL	ROF	DAMAGE	CRIT	BLAST	RANGE	MAG	ARMOR
23mm	AP	A	6	5	3	—	20	100	0
	HE	A	6	4	3	D	25	100	+2
25mm	AP	A	4	5	3	—	30	300	0
	HE	A	4	4	3	D	35	300	+2
30mm	AP	A	3	6	3	—	20	500	0
	HE	A	3	5	3	D	25	500	+2
40mm	AP	A	3	6	3	—	35	500	0
	HE	A	3	5	4	D	40	500	+2
73mm	AP	A	1	6	3	—	10	1	0
	HE	A	1	5	4	C	10	1	+2
76.2mm	AP	A	1	7	2	—	10	1	0
	HE	A	1	6	3	C	15	1	+2
	HEAT	A	1	7	2	C	15	1	-1
100mm	APDS	A	1	8	2	—	25	1	0
	HE	A	1	7	3	B	30	1	+2
	HEAT	A	1	7	2	B	25	1	-1
105mm	APDS	A	1	8	2	—	30	1	0
	HE	A	1	7	2	B	40	1	+2
	HEAT	A	1	8	2	B	30	1	-1
115mm	APDS	A	1	9	2	—	25	1	0
	HE	A	1	8	2	B	30	1	+2
	HEAT	A	1	9	2	B	25	1	-1
120mm	APFSDS	A	1	10	1	—	40	1	-1
	HEAT	A	1	10	1	B	40	1	-1
125mm	APFSDS	A	1	11	1	—	30	1	-1
	HE	A	1	10	1	B	40	1	+2
	HEAT	A	1	11	1	B	30	1	-1

MORTARS

WEAPON	AMMO	REL	ROF	DAMAGE*	CRIT*	BLAST	RANGE	MAG	ARMOR*	WEIGHT	PRICE
60mm	HE/WP/CHEM/ILLUM	A	1	5	3	C	35	1	+2	6**	1,000
81mm	HE/WP/CHEM/ILLUM	A	1	6	3	B	65	1	+2	10***	2,500
82mm****	HE/WP/CHEM/ILLUM	A	1	6	3	B	40	1	+2	10***	2,500
4.2 inch	HE/WP/CHEM/ILLUM	A	1	8	2	A	75	1	+2	100	5,000
120mm	HE/WP/CHEM/ILLUM	A	1	9	2	A	75	1	+2	50	7,500
Improvised	HE/WP/CHEM/ILLUM	C	1	4-6****	4	A-C****	15	1	+2	5	200

*HE only. WP, CHEM, and ILLUM rounds have no direct damage effect.

**Can be broken down into tube (2), bipod (2), baseplate (1), and sight (1). Takes one stretch to assemble/disassemble.

***Can be broken down into tube (4), baseplate (3), bipod (2), and sight (1).

****Depends on ammunition used.

*****The Vasilek semi-automatic 82mm mortar system has a RoF of 2 and Mag of 4. It must be towed and can't be broken down. It uses ammo dice just like small arms. On a hit, each ☉ on an ammo die lands an additional grenade in the target hex or a hex adjacent to it. On a miss, deviation is rolled one additional time for each ☉ rolled on the ammo dice.

HOWITZERS

WEAPON	AMMO	REL	ROF	DAMAGE*	CRIT*	BLAST	RANGE	MAG	ARMOR*	PRICE
105mm	HE/WP/CHEM/ILLUM	A	1	8	2	B	150	1	+2	10,000
122mm	HE/WP/CHEM/ILLUM	A	1	10	1	B	200	1	+2	15,000
152mm	HE/WP/CHEM/ILLUM	A	1	11	1	A	250	1	+2	20,000
155mm	HE/WP/CHEM/ILLUM	A	1	11	1	A	250	1	+2	25,000
203mm**	HE/WP/CHEM/ILLUM	A	1	12	1	A	400	1	+2	30,000

*HE only. WP, CHEM, and ILLUM rounds have no direct damage effect.

**Capable of firing atomic shells.

HEAVY WEAPONS AMMUNITION

TYPE	CALIBER	WEIGHT	PRICE
GL	40mm	¼	25
ATRL	58–110mm	1	150
ATGM	127–152mm	4	500
HE	20–40mm	¼	25
	41–60mm	½	50
	61–75mm	2	100
	76–90mm	4	150
	91–114mm	6	200
	115–125mm	8	250
	126–139mm	10	350
HEAT	140mm+	12	500
	61–75mm	2	150
	76–90mm	4	200
	91–114mm	6	250
	115–125mm	8	350
AP	126–139mm	10	500
	140mm+	12	750
	20–40mm	¼	25
	41–60mm	½	50
APDS	61–75mm	2	100
	76–90mm	4	150
	91–114mm	6	250
	126–139mm	10	500

TYPE	CALIBER	WEIGHT	PRICE
APFSDS	115–125mm	8	500
	126–139mm	10	750
	140mm+	12	1,000
CHEM	61–75mm	2	150
	76–90mm	4	250
	91–114mm	6	350
	115–125mm	8	450
	126–139mm	10	750
WP	140mm+	12	1,000
	61–75mm	2	100
	76–90mm	4	150
	91–114mm	6	200
ILLUM	115–125mm	8	250
	126–139mm	10	350
	140mm+	12	500
	61–75mm	2	25
	76–90mm	4	50
	91–114mm	6	75
	115–125mm	8	100
	126–139mm	10	150
	140mm+	12	200

MINES

MINE	NATION	TYPE	DAMAGE	CRIT	BLAST	ARMOR	WEIGHT	PRICE
M16	US	Anti-personnel	5	3	C	+1	½	50
M18 Claymore	US	Directional	–	–	B	0	½	75
M21	US	Anti-tank	7	2	B	–1	1	150
M67 ADAM*	US	Anti-personnel	3	4	D	+2	½	25
OZM-4	USSR	Anti-personnel	5	3	C	+1	½	50
MON-50	USSR	Directional	–	–	B	0	½	75
TM-72	USSR	Anti-tank	7	2	B	–1	1	150
PFM*	USSR	Anti-personnel	2	3	D	+2	¼	10

*Scatterable by artillery.

VEHICLES

VEHICLE FEATURES

The features used in the vehicle tables are explained below.

TYPE: The general type of vehicle. See the table on page xx for abbreviations.

REL stands for reliability rating. Wear and damage can reduce this rating, but it can never go above its starting level.

TRAVEL SPEED: Indicates the speed of the vehicle (in 10km hexes) on-road/off-road per shift of driving. Read more in chapter 6.

COMBAT SPEED: Indicates the base safe speed of the vehicle (in 10m hexes) on-road/off-road per driving action in combat, as well as the mode of transportation (W = Wheeled and T = Tracked).

ARMOR: The armor ratings against weapons fired at the front, sides and rear of the vehicle (page xx). For attacks against the top or bottom, use the rear armor rating.

FUEL TYPE: Gasoline (G) or diesel (D). Vehicles may be converted to run on alcohol fuel (page xx).

FUEL CAP: The fuel capacity in liters (a US gallon is 3.8 liters).

FUEL CONS: The fuel consumption, in liters per 10km hex driven. Off-road, the fuel consumption is doubled. When running on alcohol fuel, the fuel consumption of the vehicle is also doubled.

CREW: The number of crew needed for the designated positions of the vehicle. If a second value is indicated, this is the number of pas-

sengers that can fit comfortably, including their carried gear. If no second value is indicated, the vehicle can only carry passengers on the outside, for short distances.

CARGO: The maximum number of encumbrance units that can be carried by the vehicle. Each passenger (but not crew) uses up 25 units of the cargo capacity. A vehicle pulling a trailer (which can hold up to the cargo value of the vehicle, effectively doubling its capacity), reduces its combat and travel speeds by half.

MAIN WEAPON: The primary weapon on the vehicle, fired by a dedicated gunner. (P) = pintle mount, (PG) = pintle mount with gun shield, (T) = turret mount, (C) = coaxial, (H) = hull mount, S = stabilized gun, FCS = fire control system. See page xx for an explanation of these terms.

SECONDARY WEAPON: Secondary weapons may be fired by crew who are not performing another task (like driving or firing the main gun). Passengers may take over pintle-mounted weapons if no dedicated gunner is available. SD = Smoke dischargers (page xx). R = Radio (vehicular radios have double the range of equivalent portable radios, generally 10-20 km, see page xx).

VEHICLE TYPE ABBREVIATIONS

APC	Armored Personnel Carrier
IFV	Infantry Fighting Vehicle
MBT	Main Battle Tank



CIVILIAN VEHICLES

VEHICLE TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	PRICE
Horse	-	2/2	3/2	-	-	-	-	-	-	1+1	25	500
Wagon	A	1/1 W	2/1	-	-	-	-	-	-	1	100	250
Bicycle	A	2/1 W	4/2	-	-	-	-	-	-	1	5	50
Motorcycle	A	6/1 W	9/2	-	-	-	G	20	0.5	1+1	25	3,000
Dirt Bike	A	4/3 W	6/4	-	-	-	G	10	0.5	1	5	2,000
2WD Car	A	6/1 W	10/1	1	1	1	G or D	60	1	1+3	75	4,000
4WD Car	A	6/3 W	10/6	1	1	1	G or D	80	2	1+3	75	10,000
Pickup Truck	A	5/3 W	9/5	1	1	1	G	100	2	1+5	250	8,000
Light Truck	A	3/2 W	8/1	1	1	1	G	150	3	1+14	500	20,000
Heavy Truck	A	2/1 W	6/1	1	1	1	D	300	4	1+16	1,500	30,000
Bus	A	2/1 W	6/1	1	1	1	D	300	8	1+50	1,250	25,000
Rowboat	A	1*	2	-	-	-	-	-	-	1+4	100	100
Small Sailing Boat	A	3*	3	1	1	1	-	-	-	1+7	250	250
Small Motorboat	A	4*	5	1	1	1	G	80	5	1+4	200	4,000
Tugboat	A	2*	4	1	1	1	D	1,000	50	4+16	5,000	15,000

*On water only

US MILITARY VEHICLES



HMMWV

The M998 was the first version of the HMMWV, or High-Mobility Multipurpose Wheeled Vehicle, introduced in the 1980s. It was often called a “Hum-vee” (but never a “Hummer”). It had no armor but did have a pintle mount on top for a machinegun.

The M1114 HMMWV was similar to the earlier M998, but it had a heavier suspension and armor plate intended to stop small arms fire and shell fragments. It also had a pintle mount on top that could hold a machinegun, but was only just entering service when hostilities started in the late 1990s.

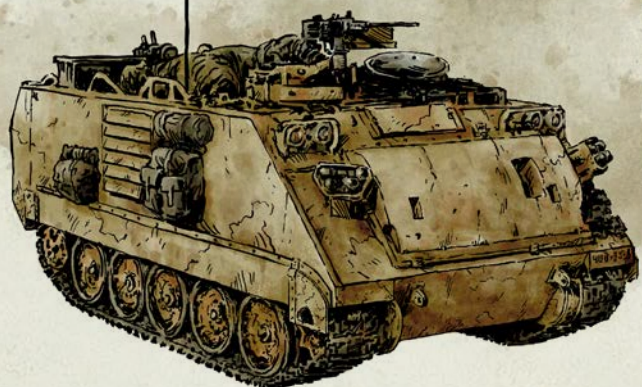
VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
M998 HMMWV	4WD Car	A	5/4 W	10/8	1	1	1	G	95	3	1+4	100	M240B (P)	R	15,000
M1114 HMMWV	4WD Car	A	4/3 W	10/7	3	3	3	G	95	3	1+4	100	M2HB (PG)	R	20,000



M151

The M151 was the final version of the standard World War II American Jeep, officially known as the Truck, Utility, ¼ Ton, 4x4. Although officially superseded by the HMMWV, the Jeep was still in frontline service when the war broke out in the late 1990s in many support and reserve units. Optionally, a pintle may be installed for the M60 machinegun.

TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR
Car	A	6/3 W	10/6	1	1
REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO
1	G	65	2	1+3	75
MAIN WEAPON		SECONDARY WEAPON(S)			PRICE
-		-			10,000



M113

The M113 entered US service in the early 1960s and was developed into a number of role-based versions. Although it was replaced in infantry service by the Bradley IFV beginning in the 1980s, it is still widely held by reserve and support units and actually outnumbers the Bradley on the battlefield.

The M113 ACAV variant mounts additional machineguns beyond the standard M2HB, consisting of two M60 machineguns with gunshields on pintles on the port and starboard sides. This model could provide a better base of fire for dismounted infantry and was often used to escort them directly in combat.

The M901 Improved TOW Vehicle, based on the M113, is often called a "Hammerhead" due to its distinctive appearance. It carries a dual-TOW launching platform that can be raised on an elevator to be fired from a hull-down position behind cover.

VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
M113A3	APC	A	4/3 T	8/6	4	4	4	D	360	8	2+11	275	M2HB (PG)	SD, R	125,000
M113 ACAV	APC	A	4/3 T	8/6	4	4	4	D	360	8	2+9	225	M2HB (PG)	M60 x2 (PG), SD, R	125,000
M901 ITV	APC	A	4/3 T	8/6	4	4	4	D	360	8	4	-	TOW x2 (T)	SD, R	100,000



BRADLEY M2/M3

The Bradley was the first US Infantry Fighting Vehicle and was adopted in the early 1980s to fight alongside the M1 Abrams MBT and in response to the successful Soviet BMP IFV. In addition to its 25mm chain gun and two TOW missiles, the vehicle has six M231 firing port weapons built into the hull to allow those inside to provide defensive fire when traveling mounted.

TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
IFV	A	5/4 T	9/8	5	4	4	D	360	12	3+7	175	25mm (T)	M240B, (C) TOW x2 (C), 6xM16, SD, R	250,000



M1 ABRAMS

The M1 Abrams is the culmination of the MBT 70 program jointly managed by the United States and West Germany. It led to many experimental prototypes and eventually to the adoption of both the M1 Abrams and the Leopard 2 in the early 1980s. Most M1 versions (with the 105mm gun) have been replaced or upgraded to the M1A1 standard.

The M1A1 Abrams is a major upgrade to the M1 through the replacement of the 105mm main gun with the 120mm Rheinmetall gun used on the Leopard 2 from the mid-1980s. It also has improved armor as well as an upgraded air filtration system to better protect the crew against chemical attacks.

VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
M1 Abrams	MBT	A	5/4T	10/9	11	8	6	G	1,915	40	4	-	105mm (T), FCS	M2HB (PG), M240B (C), M240B (PG), SD, R	900,000
M1A1 Abrams	MBT	A	5/4T	10/9	12	8	6	G	1,915	40	4	-	120mm (T), FCS	M2HB (PG), M240B (C), M240B (PG), SD, R	1,000,000

OTHER US VEHICLES

CUCV: The Civilian Utility Cargo Vehicle, was one of a range of general purpose civilian pickup trucks painted in a camouflage pattern and used in the rear echelons where there was little need for off-road travel. They ran on a universal CUCV key to allow any soldier to use one as needed.

M35 2.5 TON TRUCK: The M35 2.5 ton truck was commonly called the "deuce and a half" for its carrying capacity. The rear of the truck could serve as a flat stake-bed or a passenger compartment with benches. Although the cab was made of metal, the best the passengers or cargo in the rear could get was a canvas cover for protection from the elements.

M939 5 TON TRUCK: The M939 5 ton truck is a large, conventional cargo truck that is often used to mount cargo boxes for specific purposes (such as communications, repair, or TOC). It was also often used as a prime mover for artillery and could tow a large trailer in addition to its regular load.

M977 HEMTT: The M977 Heavy Expanded Mobility Tactical Truck is an unusual eight-wheeled transport adopted in the early 1980s to replace medium and heavy cargo vehicles for tactical use. It can carry up to ten tons of cargo on its flatbed, or a standard short shipping container.

LAV-25: The LAV-25 Light Armored Vehicle was developed for the US Marine Corps in the early 1980's. It is armed with the same M242 25mm chain gun that is used by the Bradley IFV. It is an amphibious, wheeled armored personnel carrier that is lighter, cheaper, and faster than a typical tracked IFV.

M60A3: The M60A3 is the final version of the Patton series of tanks developed in the 1950s. It went through several upgrades before being replaced by the M1 Abrams and still serves in many National Guard units as well as the US Marine Corps.

US MILITARY VEHICLES

VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
M151	Car	A	6/3 W	10/6	1	1	1	G	65	2	1+3	75	—	—	10,000
CUCV	Pickup Truck	A	4/2 W	9/3	1	1	1	G	90	2	1+3	75	—	—	8,000
M998 HMMWV	4WD Car	A	5/4 W	10/8	1	1	1	G	95	3	1+4	100	M240B (P)	R	15,000
M1114 HMMWV	4WD Car	A	4/3 W	10/7	3	3	3	G	95	3	1+4	100	M2HB (PG)	R	20,000
M35 2.5 Ton Truck	Light Truck	A	3/2 W	8/1	1	1	1	D	190	3	1+14	750	—	—	20,000
M939 5 Ton Truck	Heavy Truck	A	2/1 W	5/1	1	1	1	D	300	4	1+16	1,500	—	—	30,000
M977 HEMTT	Heavy Truck	A	2/1 W	5/2	1	1	1	D	585	8	1+18	3,000	—	R	40,000
LAV-25	APC	A	4/3 W	10/6	4	4	4	D	270	6	3+6	150	25mm (T)	M240B x2 (P), SD, R	100,000
M113A3	APC	A	4/3 T	8/6	4	4	4	D	360	8	2+11	275	M2HB (PG)	SD, R	125,000
M113 ACAV	APC	A	4/3 T	8/6	4	4	4	D	360	8	2+9	225	M2HB (PG)	M60 x2 (PG), SD, R	125,000
M901 ITV	APC	A	4/3 T	8/6	4	4	4	D	360	8	4	-	TOW x2 (T)	SD, R	100,000
Bradley M2/M3	IFV	A	5/4 T	9/8	5	4	4	D	360	12	3+7	175	25mm (T)	M240B, (C) TOW x2 (C), 6xM16, SD, R	250,000
M60A3	MBT	A	4/3 T	8/7	9	7	5	D	1,425	25	4	-	105mm (T), FCS	M2HB, (T), M240B (C), SD, R	500,000
M1 Abrams	MBT	A	5/4 T	10/9	11	8	6	G	1,915	40	4	-	105mm (T), FCS	M2HB (PG), M240B (C), M240B (PG), SD, R	900,000
M1A1 Abrams	MBT	A	5/4 T	10/9	12	8	6	G	1,915	40	4	-	120mm (T), FCS	M2HB (PG), M240B (C), M240B (PG), SD, R	1,000,000

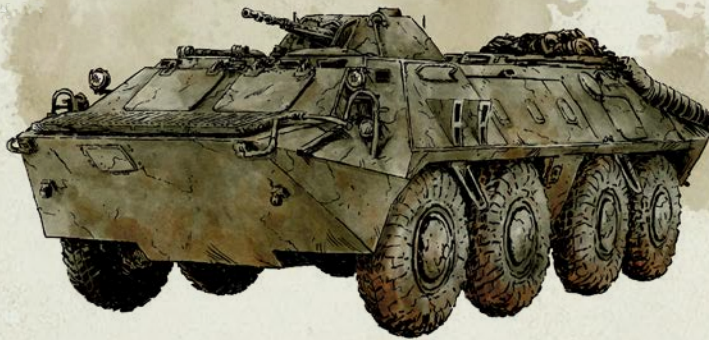
SOVIET MILITARY VEHICLES



UAZ-469B

The UAZ-469B is a light off-road utility vehicle, similar in concept to the Jeep, which was introduced in the mid-1960s. Its capacity, low cost, and widespread availability made it popular among the former Warsaw Pact nations as well as the militaries of other nations aligned with the Soviet Union.

TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR
Car	A	6/3 W	10/6	1	1
REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO
1	G	75	2	1+6	150
MAIN WEAPON	SECONDARY WEAPON(S)	PRICE			
—	—	7,500			



BTR SERIES APC

The BTR-60, or Bronetransporter, is an 8x8 armored personnel carrier, powered by two separate engines, that entered Soviet service in the early 1960s. It was innovative for its time and could carry eight soldiers and their gear. Although replaced by the BTR-70 and BTR-80, it is still widely used among second- and third-line units.

The BTR-70 replaced the BTR-60 in Soviet military service in the 1970s. It is very similar to the BTR-60 it was replacing, but could only carry seven soldiers in addition to the two crew, and ultimately not many were produced.

The BTR-80 was developed to replace the BTR-70 and was adopted in the mid-1980s. It replaced the dual-gasoline engines of the previous generations of BTRs with a single diesel engine. Like the BTR-70, it could only carry seven infantrymen, but its turret could also mount a 30mm autocannon instead of just a pair of machineguns.

VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
BTR-60*	APC	A	4/3 W	9/6	4	4	4	G	290	6	2+12	300	KPV (T)	R	75,000
BTR-70*	APC	A	4/3 W	9/6	4	4	4	G	350	6	3+8	200	KPV (T)	R	90,000
BTR-80*	APC	A	4/3 W	10/6	4	4	4	D	300	6	3+7	175	30mm (T)	PKM (C), R	100,000

T-SERIES TANKS

The T-55 was designed after World War II and adopted in the early 1960s. This series was the most widely produced tank in the world, with as many as 100,000 reported to have been built. Although replaced in front-line service by the T-64, T-72, and T-80, the T-55 has gone through numerous upgrades and can still be found in service with many second- and third-line units and Soviet allies, including the former Warsaw Pact nations.

The T-62 is similar to the T-55, but is better armored and carries a larger gun. However, it was quickly eclipsed by Western tanks that were coming out at the same time, and so few were made and development focused on finding a better replacement. It can still be found in the tank regiments of some second-line Motor Rifle Divisions.

The T-64 was adopted in the mid-1960s to fight the premier Western tanks of its day, the M60, Leopard, and Chieftain. While formidable, its cost was high and some weaknesses were discovered, leading to it being replaced by the T-72, although some T-64s can still be found in second-line tank divisions.

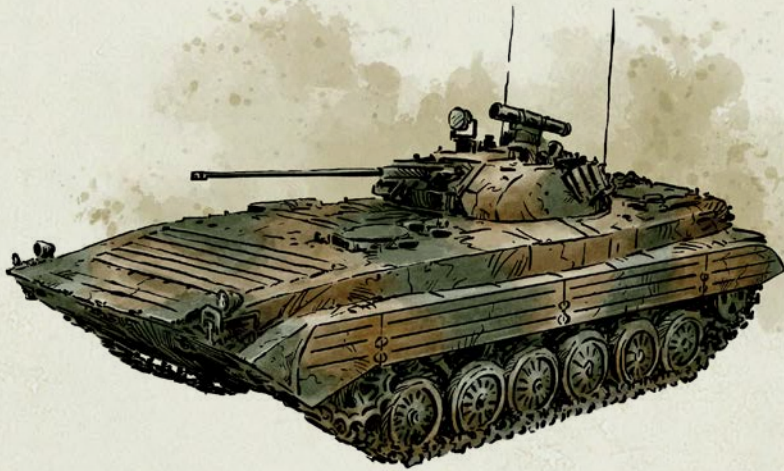
The T-72 was developed as a cheaper replacement for the T-64 in the early 1970s, and is still in front-line service and used by several former War-



saw Pact allies. Although intended only to be cheaper and simpler than the T-64, numerous improvements made it a superior tank in combat as well.

The T-80 was introduced in the late 1970s to supplement the T-72 tanks then in production, especially in tank divisions. It is more akin to a highly modernized T-64 than to the T-72, and is more powerful, maneuverable, and better armored than previous Soviet main battle tanks.

VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
T-55	Medium Tank	A	4/3 T	7/6	6	5	4	D	965	24	4	-	100mm (T)	PKM (C), DShK-38 (P), SG, R	350,000
T-62	Medium Tank	A	5/4 T	8/7	7	6	5	D	580	24	4	-	115mm (T), S	PKM (C), DShK-38 (P), SG, R	500,000
T-64	MBT	A	5/4 T	9/8	8	7	5	D	1,000	24	3	-	125mm (T), FCS	PKM (C), NSV (P), SD, R	600,000
T-72	MBT	A	5/4 T	9/8	9	8	5	D	1,200	24	3	-	125mm (T), FCS	PKM (C), NSV (P), SD, R	700,000
T-80	MBT	A	6/5 T	10/9	10	8	5	G	910	24	3	-	125mm (T), FCS	PKM (C), NSV (P), SD, R	800,000



BMP SERIES IFV

The BMP-1, or Boyevaya Mashina Pekhoty, was the first true infantry fighting vehicle and inspired the wave of Western IFVs that followed. It carries eight passengers (who can fire from inside the vehicle) in addition to the three crew, is amphibious, and mounts a 73mm cannon. Although replaced by the BMP-2, it still serves in many second- and third-line units and among the forces of former Warsaw Pact nations.

The BMP-2 replaced the BMP-1 in the early 1980s and is very similar in appearance. It carries a 30mm autocannon in the turret and can mount a 9M111 or 9M113 ATGM as well. Unlike the BMP-1, it can only carry seven infantrymen.

The BMP-3 replaced the BMP-2 in the late 1980s. It is armed with a 100mm main gun and a coaxial 30mm autocannon. By the time the war broke out, the BMP-3 had only replaced the BMP-2 in first-line units.

VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
BMP-1*	IFV	A	4/3T	8/6	5	5	4	D	425	8	3+7	175	73mm (T)	PKM (C), R	150,000
BMP-2*	IFV	A	4/3T	8/7	5	5	4	D	425	8	3+7	175	30mm (T)	PKM (C), AGS-17 (P), SD, 9M113, R	175,000
BMP-3*	IFV	A	5/4T	9/8	5	5	4	D	700	8	3+7	175	100mm (T)	30mm (C), PKT (C), SD, R	200,000

OTHER SOVIET VEHICLES

ZIL-131: A general-purpose 6x6 truck with a cargo capacity of 3.5 tons. Introduced in the mid-1960s, this truck forms the foundation of a variety of cargo vehicles as well as the BM-21 rocket launcher system.

GAZ-66: A widely used medium-sized 4x4 truck with a cargo capacity of 2 tons that has been in service since the mid-1960s. There are numerous variants, including an ambulance, chemical disinfecting station, and the BM-21V airborne version of the rocket launcher system.

BRDM-2: The Boyevaya Razvedyvatelnaya Dozornaya Mashina is a 4x4 amphibious armored car adopted for reconnaissance duties in the 1960s. It has four extra, smaller, drive wheels that it can engage in particularly difficult terrain, and can be fitted with several kinds of antitank missile systems.

PT-76: A Soviet amphibious light tank with a 76mm gun introduced in the 1950s. Although still in service, it is rarely encountered and then mostly in Naval Infantry and combat engineer units, although it is sometimes found in divisional reconnaissance units alongside the BRDM-2.

SOVIET MILITARY VEHICLES

VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
UAZ-469B	Car	A	6/3 W	10/6	1	1	1	G	75	2	1+6	150	—	—	7,500
GAZ-66	Light Truck	A	3/2 W	8/1	1	1	1	G	210	3	1+14	675	—	—	15,000
ZIL-131	Heavy Truck	A	2/1 W	5/1	1	1	1	G	340	4	1+16	1,750	—	—	25,000
BRDM-2*	Armored Car	A	5/4 W	9/6	3	3	3	G	290	4	4	-	KPV (T)	R	50,000
BTR-60*	APC	A	4/3 W	9/6	4	4	4	G	290	6	2+12	300	KPV (T)	R	75,000
BTR-70*	APC	A	4/3 W	9/6	4	4	4	G	350	6	3+8	200	KPV (T)	R	90,000
BTR-80*	APC	A	4/3 W	10/6	4	4	4	D	300	6	3+7	175	30mm (T)	PKM (C), R	100,000
BMP-1*	IFV	A	4/3 T	8/6	5	5	4	D	425	8	3+7	175	73mm (T)	PKM (C), R	150,000
BMP-2*	IFV	A	4/3 T	8/7	5	5	4	D	425	8	3+7	175	30mm (T)	PKM (C), AGS-17 (P), SD, 9M113, R	175,000
BMP-3*	IFV	A	5/4 T	9/8	5	5	4	D	700	8	3+7	175	100mm (T)	30mm (C), PKT (C), SD, R	200,000
PT-76*	Light Tank	A	4/3 T	9/7	5	4	3	D	250	6	3	-	76.2mm (T)	PKM (C), R	150,000
T-55	Medium Tank	A	4/3 T	7/6	6	5	4	D	965	24	4	-	100mm (T)	PKM (C), DShK-38 (P), SG, R	350,000
T-62	Medium Tank	A	5/4 T	8/7	7	6	5	D	580	24	4	-	115mm (T), S	PKM (C), DShK-38 (P), SG, R	500,000
T-64	MBT	A	5/4 T	9/8	8	7	5	D	1,000	24	3	-	125mm (T), FCS	PKM (C), NSV (P), SD, R	600,000
T-72	MBT	A	5/4 T	9/8	9	8	5	D	1,200	24	3	-	125mm (T), FCS	PKM (C), NSV (P), SD, R	700,000

*Can be made amphibious by one stretch of preparations. Amphibious vehicles can move through shallow water and swamp unhindered.

SWEDISH MILITARY VEHICLES



TGB 11

The 4x4 Volvo C303 went into production as the *Terrängbil* 11 in the mid-1970s as the Swedish standard light utility vehicle.

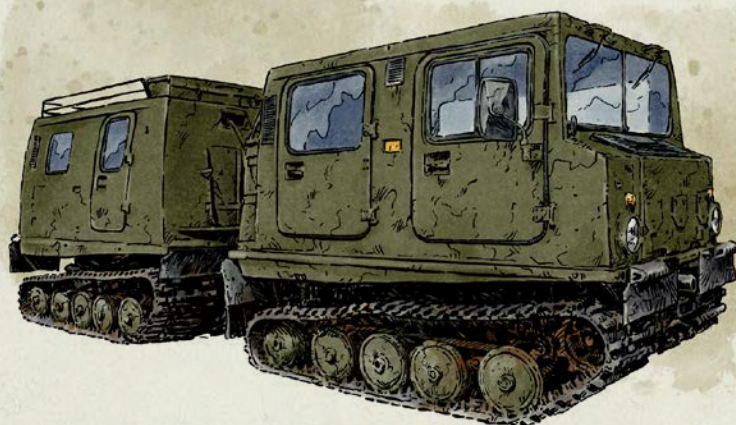
TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR
Light Truck	A	5/2 W	8/2	1	1
REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO
1	G	80	2	1+6	300
MAIN WEAPON	SECONDARY WEAPON(S)			PRICE	
*	—			15,000	



TGB 13

The Tgb 13 is a six-wheeled version of the Tgb 11, that can carry a heavier load.

TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR
Light Truck	A	4/2 W	8/2	1	1
REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO
1	Gasoline	80	3	1+6	500
MAIN WEAPON	SECONDARY WEAPON(S)			PRICE	
*	—			15,000	

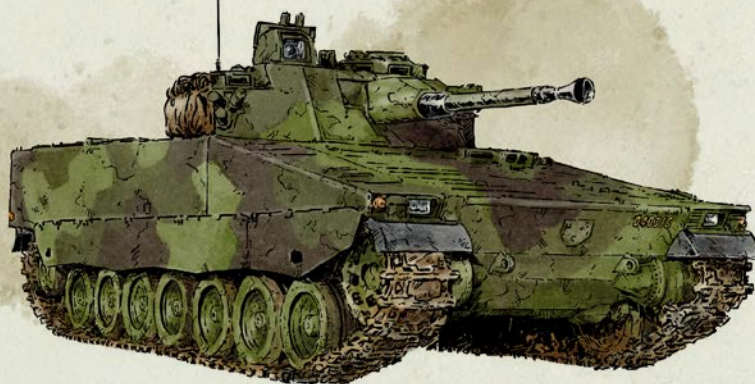


BV 206

The *Bandvagn* 206 is a tracked, articulated all-terrain transport that can carry up to 17 soldiers or 2.5 tons of cargo. It was developed during the 1970s and is particularly useful in winter environments due to its low ground pressure.

The Bv 206 S is the armored personnel carrier version of the Bv 206. It can carry up to twelve combat-ready soldiers.

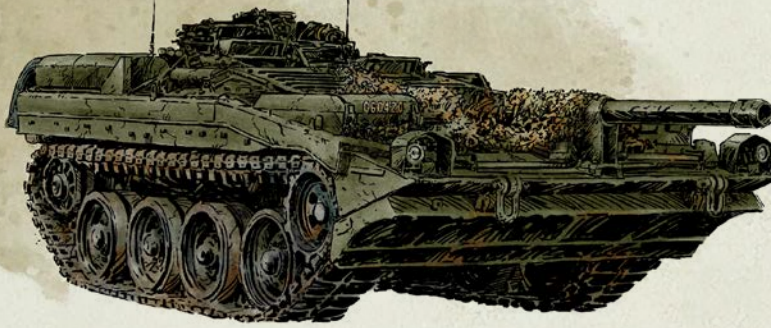
TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
APC	A	3/3 T	5/4	3	3	3	G	160	4	1+12	300	Ksp 88 (P)	R	50,000



STRF 90

The *Stridsfordon* 90 IFV was developed during the 1980s and entered Swedish service shortly before the war started. It can carry eight soldiers in addition to the three crew and has excellent mobility in snow and mud.

TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
IFV	A	5/4 T	8/7	5	4	3	D	520	10	3+8	200	40mm (T)	Ksp 58 (C), SD, R	200,000



STRV 103C

The Stridsvagn 103C main battle tank was developed in the 1950s and was ahead of its time, using a turbine engine, an autoloader, and a low turretless superstructure.

TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
MBT	A	4/3T	9/7	8	6	4	D	960	12	3	-	105mm (H), FCS**	Ksp 58 x2 (C), Ksp 58 (P), R	600,000

OTHER SWEDISH VEHICLES

PATGB 180: The Pansarterrängbil 180 is a Finnish-produced, amphibious 6x6 armored personnel carrier adopted by Sweden in the mid-1980s. It can carry up to eight soldiers, who can make use of the firing ports to defend the vehicle from attack.

PBV 302: The Pansarbandvagn 302 is a conventional APC developed in the 1960s and produced through the mid-1970s. Although officially replaced by the

Strf 90, there are still many in service. The PBV 302 can carry eight soldiers in addition to the three crew.

STRV 121: The Strv 121 main battle tank is the German Leopard 2A4 developed in the 1970s and entering Swedish service in the mid-1990s. It was due to be replaced by the Strv 122 (Leopard 2A5) just as the war broke out.

SWEDISH MILITARY VEHICLES

VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
Tgb 11	Light Truck	A	5/2 W	8/2	1	1	1	G	80	2	1+6	300	*	-	15,000
Tgb 13	Light Truck	A	4/2 W	8/2	1	1	1	G	80	3	1+6	500	*	-	15,000
Bv 206	All-Terrain Carrier	A	4/3 T	5/5	1	1	1	G	160	3	1+17	750	*	-	40,000
Bv 206 S	APC	A	3/3 T	5/4	3	3	3	G	160	4	1+12	300	Ksp 88 (P)	R	50,000
Patgb 180	APC	A	4/3 W	8/4	4	4	4	D	140	6	2+16	400	Ksp 88 (T)	R	100,000
PBV 302	APC	A	4/3 T	6/5	4	4	4	D	285	8	3+8	200	20mm (T)	Ksp 58 (P), R	125,000
Strf 90	IFV	A	5/4 T	8/7	5	4	3	D	520	10	3+8	200	40mm (T)	Ksp 58 (C), SD, R	200,000
Strv 103C	MBT	A	4/3 T	9/7	8	6	4	D	960	12	3	-	105mm (H), FCS**	Ksp 58 x2 (C), Ksp 58 (P), R	600,000
Strv 121	MBT	A	5/4 T	10/9	12	10	6	D	1,200	30	4	-	120mm (T), FCS	MG3 (C), MG3 (P), SD, R	1,000,000

*Can be fitted with a Ksp 58 (P).

** Due to the hull-mounted configuration, this FCS does not allow firing and moving in the same round.

POLISH MILITARY VEHICLES

UAZ 469B: The Polish UAZ-469B is identical to the Soviet UAZ-469B.

HONKER 4012: The Honker is a light-duty 4x4 pickup truck with an enclosed cab adopted in the mid-1980s. It can carry up to ten passengers, although fewer if they are loaded for combat.

STAR 266: The Star 266 is a 6x6 truck capable of carrying up to 3.5 tons of cargo. It was adopted in the mid-1970s and widely used in its primary role as well as that of a mobile command post, liquid transport, decontamination vehicle, and crane truck.

ZIL-131: The Polish ZIL-131 is identical to the Soviet ZIL-131.

GAZ-66: The Polish GAZ-66 is identical to the Soviet GAZ-66.

BRDM-2: The Polish BRDM-2 is identical to the Soviet BRDM-2.

MT-LB: The MT-LB is an older Soviet amphibious tracked armored transport that is widely used by the Polish armed forces and has even been upgraded with Polish engines in some cases. 11 soldiers or up to 2 tons of cargo may be carried. It is also often used as a prime mover for artillery.

BWP-1: The Polish BWP-1 is identical to the Soviet BMP-1.

T-72: The Polish T-72 is identical to the Soviet T-72.

PT-91 TWARDY: The PT-91 is essentially a late model T72M1 that has been manufactured or upgraded in Polish service with improved drive train, armor, fire control systems, and radios.

POLISH MILITARY VEHICLES

VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
UAZ 469B	Car	A	6/3 W	10/6	1	1	1	G	75	2	1+6	150	-	-	7,500
Honker 4012	Light Truck	A	4/2 W	8/2	1	1	1	G	110	2	1+11	275	-	-	20,000
GAZ-66	Light Truck	A	3/2 W	8/1	1	1	1	G	210	3	1+14	675	-	-	15,000
Star 266	Heavy Truck	A	2/1 W	5/1	1	1	1	G	300	4	1+14	1,750	-	-	25,000
ZIL-131	Heavy Truck	A	2/1 W	5/1	1	1	1	G	340	4	1+16	1,750	-	-	25,000
BRDM-2	Armored Car	A	5/4 W	9/6	3	3	3	G	290	4	4	-	KPV (T)	R	50,000
MT-LB	APC	A	4/3 T	6/5	4	4	4	D	450	6	2+11	275	NSW (P)	AGS-17, R	75,000
BWP-1	IFV	A	4/3 T	8/6	5	5	4	D	460	8	3+7	175	73mm (T)	PKM (C), R	150,000
T-72	MBT	A	5/4 T	9/8	9	8	5	D	1,200	24	3	-	125mm (T), FCS	PKM (C), NSW (P), SD, R	700,000
PT-91 Twardy	MBT	A	6/5 T	10/8	10	8	5	D	1,000	30	3	-	125mm (T), FCS	PKM (C), NSW (P), SD, R	850,000

OTHER MILITARY VEHICLES

LAND ROVER: A 4x4 light utility vehicle in British service since the late 1940s.

AMX-10 RC: A French 6x6 heavy reconnaissance vehicle. Unusual for wheeled scouts, it carries a full-sized 105mm cannon.

WIESEL: A German airborne combat vehicle adopted in the mid-1980s.

TPZ FUCHS: A German wheeled 6x6 armored personnel carrier, adopted in the 1970s.

AMX-10P: A tracked armored personnel carrier adopted by the French army in the early 1970s.

SARACEN: A wheeled 6x6 armored personnel carrier used by the British army since the 1950s.

MARDER: Adopted by West Germany in the

early 1970s, it still serves as the German army's primary troop transport.

WARRIOR: Adopted into British service in the mid-1980s to replace the outdated FV 432, a box-like APC similar to the US M113.

CHALLENGER 1: Entered British service in the early 1980s and serves currently, supplemented by some of the Challenger 2 MBTs produced in the mid-1990s.

LECLERC: Entered French service in the early 1990s after a 20-year program to replace the AMX-30.

LEOPARD 2A4: The latest generation of the slab-sided Leopard 2 tank developed in West Germany in the 1970s. Large numbers of these tanks were also sold to other European nations in the early 1990s.

OTHER MILITARY VEHICLES

VEHICLE	TYPE	REL	COMBAT SPEED	TRAVEL SPEED	FRONT ARMOR	SIDE ARMOR	REAR ARMOR	FUEL TYPE	FUEL CAP	FUEL CONS	CREW	CARGO	MAIN WEAPON	SECONDARY WEAPON(S)	PRICE
Land Rover	Car	A	6/3 W	10/6	1	1	1	G	75	2	1+3	75	M240B	—	10,000
AMX-10 RC	Armored Car	A	4/3 W	7/3	4	4	4	D	700	4	4	-	105mm (T)	M240B (C), M2HB (P), SD, R	125,000
Wiesel	Light Tank	A	4/3 T	6/4	3	3	3	D	80	4	2 or 3	-	20mm (T) or TOW (P)	MG3 (P), R	75,000
TPz Fuchs	APC	A	4/3 W	7/4	4	4	3	D	390	4	2+10	250	M240B (P)	SD, R	100,000
AMX-10P	APC	A	4/3 T	7/5	4	4	4	D	530	8	3+8	200	20mm (T)	M240B (C), SD, R	125,000
Saracen	APC	A	4/3 W	7/4	4	4	3	G	200	6	2+9	225	M240B (T)	R	100,000
Marder	IFV	A	4/3 T	8/7	5	4	4	D	650	12	3+6	150	20mm (T)	Milan (C), MG3 (C), SD, R	225,000
Warrior	IFV	A	5/4 T	8/7	5	5	4	D	770	12	3+7	175	30mm (T)	M240B (C), M240B (P), SD, R	250,000
Challenger 1	MBT	A	5/4 T	10/8	11	8	6	D	1,800	40	4	-	120mm (T), FCS	M240B (C), SD, R	900,000
Leclerc	MBT	A	6/4 T	10/9	11	8	5	D	1,300	25	3	-	120mm (T), FCS	M2HB (C), M240B (P), SD, R	1,000,000
Leopard 2A4	MBT	A	5/4 T	10/9	12	10	6	D	1,200	25	4	-	120mm (T), FCS	MG3 (C), MG3 (P), SD, R	1,000,000

GEAR

BODY ARMOR

SSH-68 (RUSSIAN)		WZ75 (POLISH)		PASGT (US)		HJÄLM 90 (SWEDISH)	
							
STEEL HELMET				KEVLAR HELMET			
LOCATION	ARMOR	WEIGHT	PRICE	LOCATION	ARMOR	WEIGHT	PRICE
Head	1	1	25	Head	1	½	100

WEAPONS GEAR

Weapons gear is associated with the soldier's issue firearms (and sometimes with civilian firearms as well). Such equipment can improve the combat capability of a weapon tremendously in the right hands.

TELESCOPIC SIGHT: Gives you a +2 modifier if you aim as a slow action and fire from a stable platform, such as a rest, sandbag, or bipod. It is most often used by snipers and hunters. Weight: 0. Price 100.

NIGHT VISION SIGHT: Enables a rifle or machinegun to be fired without restrictions or modifiers for darkness (page xx), but only within **SHORT** range. Night vision sights use infrared lights that are not visible to the naked eye but are visible to other night vision devices. Night vision sights used without the infrared light can only see a maximum of two hexes away. Weight: ½. Price 250.

BAYONET: Adding a bayonet to a military rifle allows it to be used more effectively in hand-to-hand combat. Weight: ¼. Price 5.

BIPOD: A bipod provides a more stable firing platform than an unsupported position. Bipods are normally part of light and general-purpose machineguns but may also be mounted on rifles. Weight: ¼. Price 10.

TRIPOD: A tripod provides a stable firing platform for heavy weapons such as general-purpose and heavy machineguns and some ATGMs, such as the BGM-71 TOW. For general-purpose machineguns, its use is optional, but for heavier weapons, it is required unless fired from a vehicle mount. Weight: 2. Price 25.

SUPPRESSOR: A suppressor reduces the sound of the report of a firearm being shot, but does not silence it, making it harder to pinpoint where it came from. Although relatively rare, suppressors can be found for many pistols, rifles, and submachine guns. A specially-modified barrel is generally required for mounting a suppressor, although many modern assault rifles can simply replace their existing muzzle brake with one. Weight: ½. Price 150.

BODY ARMOR

ARMOR	LOCATION	ARMOR	WEIGHT	PRICE
Steel helmet	Head	1	1	25
Kevlar helmet	Head	1	½	100
Flak jacket	Torso	1	1	150
Plate Vest	Torso	2	3	250

COMMUNICATIONS GEAR

Hand-held (manpack) radios are used by dismounted tactical units to communicate with each other and with their headquarters. The most basic radio is a single-channel FM radio broadcasting in the clear. Advanced radios use encryption and frequency hopping to prevent interception.

Military combat vehicles such as tanks, armored personnel carriers, and armored cars are generally equipped with FM radios that are compatible with manpack radios but run on vehicle power rather than increasingly rare batteries (page xx).

RANGE: The approximate range for each radio is listed in kilometers. When mounted in a vehicle, or using a long wire antenna, the range is doubled. See the chart on page xx to determine what a range in km means in terms of hexes on the travel map.

Note that HF/AM radios (such as those used by HAM radio operators) are capable of skipping signals off the atmosphere to reach many hundreds of kilometers if the conditions are right.

US MILITARY RADIOS

AN/PRC-148 MBITR: Developed by SOCOM for the primary use of special operations forces in the early 1990s. It is a multiband handheld

RADIO RANGE

RANGE IN KM	RANGE IN TRAVEL HEXES
1–5	Same hex only
6–15	Adjacent hex
16–25	Two hexes
Etc.	Etc.

walkie-talkie type software-defined tactical radio and is interoperable with other US and NATO radios. Range: 10 km. Weight: ½. Price 500.

AN/PRC-77: A portable backpack solid-state VHF FM radio transceiver that provides short-range two-way single-channel voice communication. It operates on 920 channels in 50 MHz steps. It will accept a KY-57 encryption device, enabling it to communicate with other encrypted single-channel VHF FM radio systems using the same encryption keys and on the same frequency and network. Range: 8 km. Weight: 2. Price 350.

AN/PRC-119 SINCGARS: Has replaced the PRC-77 in frontline service in active duty units but is not widely available in reserve forces and among support units. The PRC-119 is the 5 watt manpack version of the SINCGARS radio

system, which also includes vehicle-mounted systems up to 50 watts (and with twice the range). It provides options for VHF-FM frequency hopping at 100 times per second among 2,320 channels using an encrypted algorithm or using a single-channel VHF-FM transmission in the clear or with internal encryption. Range: 8 km. Weight: 2. Price 1,000.

KY-57 VINSON: A portable tactical cryptographic device that provides voice encryption for military radios and telephones. It was designed by the National Security Agency (NSA) to attach by cable to insecure military communication systems such as the PRC-77 and give them an encryption capability through the use of encryption keys (Secret through Top Secret). Weight: ½. Price 2,500.

SOVIET MILITARY RADIOS

R-105M: An older single-channel FM manpack radio system that uses a mix of vacuum tubes and transistors. It operates in the lower middle range of most FM radios, from 36 to 46 MHz. It can be found in use only in third-line units and among some former Warsaw Pact forces. Range: 8 km. Weight: 3. Price 150.

R-107: Replaced the R-105M in the 1970s and is also a single-channel FM manpack radio system that uses a mix of micro-vacuum tubes and transistors. It also operates in the lower middle range of most FM radios, from 20 to 52 MHz. It can be found mainly in use in third-line units and among former Warsaw Pact forces and rear-echelon support units. Range: 6 km. Weight: 3. Price 200.

R-126: A smaller radiotelephone for use at the platoon and company level introduced in the 1960s. It is a single-channel FM radio with 31 fixed channels from 48.5 to 51.5 MHz. Although replaced by the R-392A, it can still be found in the inventories of former Warsaw Pact nations and third-line Soviet units. Range: 2 km. Weight: 1. Price 100.

R-311: A very old but very common shortwave AM radio produced since the 1950s. It is primarily used for transmitting and receiving Morse code. Although it is no longer issued by the military, its lack of transistors made it somewhat EMP resistant, and since over 60,000 were manufactured, they can be found in many reserve inventories. Weight: 5. Price 250.

R-392A: Supplemented and then replaced the R-126 in the 1970s. It is a short-range single-channel FM radio with six preset frequencies at 44.3, 44.6, 44.9, 45.2, 45.5, and 45.8 MHz for use at the lowest tactical level of communication. Aside from the usual batteries, this radio is also provided with a hand crank for continuous power generation. Range: 5 km. Weight: 1. Price 350.

RADIOS & EMP

Radios, like other electronics, are very susceptible to the Electro-Magnetic Pulse (EMP) generated by nuclear explosions. Solenoids, transistors, microchips, and long wires are much more vulnerable than vacuum tubes, solid-state radios, short wires, and batteries. Airbursts, which have less effect on buildings and people than ground bursts, are better at spreading EMP across a wider area. Electronics that are off are less vulnerable than those that are powered when the EMP hits them, and some military electronics are shielded against specific levels of EMP. Some protection can also be provided by Faraday cages, such as galvanized steel trash cans, to electronics stored inside. In general, most military VHF/FM vehicle radios are likely to be operational in 2000, while many portable military radios and most civilian radios will likely have been rendered useless by EMP if they were within 50 km of a nuclear attack.

R-198: The latest generation of Soviet platoon-level solid-state radios, the R-198 operates from 30-80 MHz in the FM band. Range: 4 km. Weight: 1. Price: 400.

CIVILIAN RADIOS

WALKIE-TALKIE: A cheap commercial communications device operating in the clear on a single FM channel and useful only at very short ranges. More advanced models may have multiple channels and police models sometimes have encryption. Range: 1 km. Weight: ½. Price 50.

HAM RADIO: An AM HF radio used for distant Morse code (and sometimes voice) communication and relay. Ham radios vary from fairly portable units with limited capabilities and range (weight 3) to barely-mobile sets that require generator power and antennae to be set up when used, which can reach much of the globe (weight 5 + antenna). Price 200–1,000.

SIGNALING GEAR

SIGNAL PANELS: Reversible nylon sheets with a dark green or camouflage side and a brightly colored reverse (usually orange or pink). These can be laid out on the ground in a pattern to signal aircrews or held up at long ranges to visually identify friendly units. Weight: ½. Price 10.

STROBE LIGHT: Very bright blinking lights that may have a special cap to convert the light to infrared only (visible only through night vision devices). It is most often used to signal aircrews for landing or pickup, but can also be used as a long-range visual signal in an emergency. Weight: ¼. Price 20.

SIGNAL FLARE: Can be fired from a single-use disposable canister or a reusable launcher with flare ammunition, such as a flare gun. These flares are solely for signaling and do not provide additional light, like the flares fired by mortars and other artillery. Weight: ¼. Price 5.

OBSERVATION GEAR

Observation equipment is used to gain an advantage over the enemy through intelligence – knowing where they are and what they are doing, without them knowing that you know – or for visual signaling at a distance to friendly forces.

BINOCULARS: Used to spot animals, people, and vehicles at longer ranges. They typically range from 8x to 12x in power. Binoculars give a +2 modifier to **RECON**, but only when actively scouting or observing. Weight: ½. Price 50.

NIGHT VISION GOGGLES: An electronic visor that amplifies light, allowing the user to see in near-total darkness (and total darkness by using the attached infrared light). They allow night vision out to one hex (10 m), or up to two hexes when using the attached light, eliminating all modifiers to **RANGED COMBAT** and **RECON** due to darkness. Requires a battery. Weight: ½. Price 250.

THERMAL OPTICS: Thermal optics are extremely rare but can be found on many modern armored fighting vehicles and aircraft as well as the CLU module of the FGM-148 Javelin. Thermals see heat rather than amplifying light, so warm objects (such as people, animals, fires, engines, etc.) appear light while cold objects appear dark, even through fog, rain, and smoke (unless the smoke is hot or contains thermal chaff). This eliminates all visibility limits and skill modifiers due to darkness, weather, and smoke. Weight: 1. Price 1,000.

FLASHLIGHT: A flashlight is simply a battery-powered light used to see in the dark, typically with a range of one hex (10 meters), eliminating the effects of darkness within that area. It is very visible to others, especially if they are using night vision devices. Rarely, an infrared cover may be found that hides the visible light and is only visible to night vision devices. Requires a small battery. Weight: ¼. Price 30.

SEARCHLIGHT: A powerful spotlight with a range of 10 hexes (100 meters). See page xx for more information. Must be powered by a vehicle, a large battery or a large generator. Weight: 5. Price 200.

COMPASS: Used to determine direction and may include advanced features such as a mil scale, lock, aiming wire, and map ruler. Gives a +2 to **SURVIVAL** rolls for navigating in roadless terrain (page xx). Weight: ¼. Price 10.

GLOBAL POSITIONING SYSTEM: GPS was used by both NATO and Soviet aircraft and modern armored fighting vehicles, and even some handheld devices were available, until EMP pulses from nuclear detonations knocked out most of them. Now, functional GPS devices are very rare, and as many GPS satellites have also been destroyed, only work half of the time (roll 4+ on a D6). When functional, a GPS eliminates the need to roll **SURVIVAL** for navigating in roadless terrain. Weight: ½. Price 250.

PROTECTIVE GEAR

RADIACMETER: A radiacmeter is used to detect the level of radiation in an area (page xx). Requires only one round (slow action) to use. Weight: ¼. Price 200.

CHEMICAL AGENT DETECTOR: This small kit is used to assess whether a chemical agent is present in a hex and, if so, identify which agent. Requires one stretch of time to use. Weight: ¼. Price 75.

PROTECTIVE MASK: Used to reduce or counter the effects of chemical weapons. Removes the –3 modifier to **STAMINA** rolls for avoiding the effects (page xx), but also gives a –2 modifier to **RECON** and to **STAMINA** rolls made for marching. Weight: ½. Price 150.

HAZMAT/MOPP SUIT: A suit, generally made of charcoal-impregnated water-resistant cloth in Western Europe and the US and waterproof plastic in Eastern Europe. Includes rubber gloves and boots and, when worn properly with a protective mask (above), protects you fully from most chemical weapons, even those that are lethal on contact with skin. Also offers some protection against radioactive contamination (page xx). Weight: 1. Price 500.

RAINCOAT: Gives a +1 modifier to **STAMINA** rolls for avoiding the effects of chemical weapons. Weight: ½. Price 25.

MEDICAL SUPPLIES

PERSONAL MEDKIT: Gives a +1 modifier to **MEDICAL AID** rolls. Disposable, can only be used once. Weight: ¼. Price 25.

DOCTOR'S MEDICAL KIT: Medical equipment and drugs that give a +2 modifier to **MEDICAL AID** rolls. Includes 10 doses of each drug type below, plus bandages and tools for minor surgery. Weight: 2. Price 250.

SURGICAL INSTRUMENTS: Scalpels, forceps, hemostats, clamps, and other tools. The set gives a +1 modifier to **MEDICAL AID** rolls, but only when treating fatal critical injuries. Can be combined with medkits. Weight: 1. Price 50.

ANTIBIOTICS: Gives a +3 modifier to **MEDICAL AID** when treating infected wounds and other bacterial infections. The effect of a dose lasts for one day. Weight: 0. Price 25/dose.

PAIN RELIEVER: Heals 1 point of damage in one stretch. Further doses during the same shift have no effect. Weight: 0. Price 15/dose.

ATROPINE AUTOINJECTOR: A premeasured, automatic injector, which can be operated by nonmedical personnel to treat the effects of nerve agents (page xx). One dose, disposable. Weight: 0. Price 100.

TOOLS & SPARE PARTS

BASIC TOOLS: A general tool set that can be used to repair items or service vehicles. Includes wrenches, pliers, screwdrivers, etc. Weight: 2. Price 25.

VEHICLE TOOLS: Specialized tools for repairing and servicing vehicles that give a +1 modifier when doing so. This tool set includes spark plug wrenches, torque wrenches, a grease gun, etc. Weight: 3. Price 50.

WEAPON TOOLS: Specialized tools for repairing weapons that give you a +1 modifier when doing so. Weight: 2. Price 50.

WEAPON SPARE PART: Needed to repair an inoperable weapon. Can also be used to jury rig weapons. Weight: ½. Price 25.

VEHICLE SPARE PART: Needed to repair an inoperable vehicle. Weight: 1. Price 50.

ELECTRONIC SPARE PART: Needed to repair an inoperable electronic item. Weight: ½. Price 25.

GENERAL SPARE PART: Needed to repair an inoperable mechanical item that is not a weapon or vehicle. Can also be used to jury rig items. Weight: 1. Price 10.

FUEL & STILLS

GASOLINE/DIESEL: As the global oil and refinery supply system has collapsed, traditional fossil fuels are very rare in Europe in the year 2000. Price 50/liter.

ALCOHOL FUEL: To compensate for the gasoline and diesel shortfalls, most operational vehicles have been converted to run on alcohol fuel like methanol and ethanol, which can be produced from wood, grain and other organic materials. Read more about this in the next chapter (page xx). Price 15/liter.



SMALL STILL: Produces up to 5 liters of alcohol per shift of stationary use. Requires one encumbrance unit of organic material per liter of alcohol produced. Can be jury rigged (requires 20 general spare parts). Weight: 20. Price 500.

LARGE STILL: Produces up to 50 liters of alcohol per shift of stationary use. Requires one encumbrance unit of organic material per liter of alcohol produced. Can be jury rigged (requires 400 general spare parts). Weight: 400. Price 2,500.

INDUSTRIAL STILL: Produces up to 500 liters of alcohol per shift. Requires one encumbrance unit of organic material per liter of alcohol produced. Cannot be moved. Price 10,000.

ELECTRICITY

A steady supply of electricity is a rare commodity in the year 2000. Vehicles, mobile generators, and batteries can be used to generate enough electricity to power smaller devices.

SMALL GENERATOR: Generates enough electricity to power a single small electric device. Requires 2 liters of alcohol fuel per shift or a **STAMINA** roll if powered manually. Can be jury rigged (requires 3 general or vehicle spare parts and 4 electronic spare parts). Weight: 5. Price 200.

LARGE GENERATOR: Generates enough electricity to power one large electric device or up to a dozen small electric devices. Requires 20 liters of alcohol fuel per shift. Can be jury rigged (requires 30 general or vehicle spare parts and 40 electronic spare parts). Weight: 50. Price 1,000.

SMALL BATTERY: Powers one small electric device for a day's use. Can be recharged by plugging it into a running vehicle or a generator for one shift. Weight: ¼. Price 100.

CAR BATTERY: Powers one large electric device, or up to a dozen small electric devices, for a day's use. Can be recharged by plugging it into a running vehicle or a large generator for one shift. Weight: 5. Price 1,000.

EXPLOSIVES

PLASTIC EXPLOSIVES: A quarter of an encumbrance unit of plastic explosives has a blast power of D. Quadrupling the amount of plastic explosives will increase the blast power one step, up to a maximum of A. Price 25/quarter unit.

DYNAMITE STICKS: One stick of dynamite weighs ¼ of an encumbrance unit and has a blast power of D. Quadrupling the amount of dynamite will increase the blast power one step, up to a maximum of A. Price 25/stick.

CHEMICALS: A range of commonly available substances that can be used to manufacture improvised explosives, such as fertilizers. Price 10/unit.

IMPROVISED EXPLOSIVES: One full encumbrance unit of improvised explosives has a blast power of D. Quadrupling the amount of explosives will increase the blast power one step, up to a maximum of A. You can convert one encumbrance unit of chemicals into one encumbrance unit of improvised explosives with a successful **TECH** roll. If you roll a mishap, the explosives detonate. Price 25/unit.

FOOD & DRINK

FIELD RATIONS: MRE – Meal, Ready-to-Eat – is a self-contained, individual field ration in lightweight packaging produced by the US. Minimum shelf life is three years. Other nationalities have similar field rations. One field ration covers the minimum daily requirement of food. Weight: ¼ per ration. Price 20/ration.

DOMESTIC FOOD: Cooked meat or vegetables. Needs to be consumed within a week, or it will spoil. Weight: ½ per daily ration. Price 10/daily ration.

WILD FOOD: Edible plants and roots that can be collected by foraging (page xx). Each daily ration of wild food weighs one full encumbrance unit, as the energy content is low. Price 5/daily ration.

FIELD GEAR

BACKPACK: Can be used to carry a number of encumbrance units equal to your STR die size, in addition to your combat gear. Carrying a backpack gives a –2 modifier to all **MOBILITY** rolls. Weight: 0. Price 50.

FATIGUES: These have a camouflage pattern and include boots, socks, undergarments, and gloves. The fatigues count as adequate clothes for protection against cold except in severe winter conditions. The camouflage pattern gives a +1 modifier to **RECON** rolls for setting ambushes and staying undetected. Weight: 0. Price 20.

THERMAL FATIGUES: A heavily insulated version of the fatigues above, protecting even against extreme cold. Weight: 1. Price 50.

SMALL TENT: Gives a +1 modifier to **SURVIVAL** rolls for making camp (page xx). Fits four people. Weight: 4. Price 50.

LARGE TENT: Gives a +1 modifier to **SURVIVAL** rolls for making camp (page xx). Fits ten people. Weight 8. Price 150.

FISHING GEAR: Used for fishing (page xx). Can be jury rigged using one general spare part. Weight 1. Price 25.





06 TRAVEL

I used to have this dream where I was floating down the Vistula with all of my classmates. We were all Zen-like quiet and serene as the river towed us toward what eventually was a waterfall, a hundred kilometers high, I swear, and then all of us fell off the edge into the rainbow made by the mist. These people were just dead, but they reminded me of my dream. They slipped by under the bridge we crossed. All of them ice-blue from the winter but their eyes open to the slate-colored sky. They floated down the river peacefully having, I think, been gassed in a mass execution. I didn't even get sick this time which made me sick in and of itself. I'm getting used to this.

IN THE WORLD OF TWILIGHT: 2000, safe havens are few and far between, and rarely remain safe for long. To stay alive, you need to keep moving. Traveling, whether on foot or by vehicle, is a key part of most TWILIGHT: 2000 campaigns.

TRAVEL MAPS

To regulate journeys across the devastated Europe of World War III, you use a travel map. The map is divided into hexagons, which are used to measure distances and govern movement. One hexagon is 10 kilometers across.

You can find a large travel map – one side showing central Poland and the other central Sweden – in this boxed set. At the Free League website, you can find blank map templates to create your own maps.

CITY MAPS: Traveling inside large cities is handled somewhat differently, using maps with a smaller scale. See the section on city travel at the end of this chapter.

TERRAIN TYPES

The travel maps are divided into different types of terrain. These are summarized in the table on page xx. The terrain types affect travel speed as well as the difficulty of driving, foraging, hunting, and scrounging. Note that the terrain type for the entire hex for game purposes is determined by the center dot of the hex on the map.

ROADS: Several major roads are marked on the travel map. Traveling along a major road is generally faster – but you also increase the risk of running into patrols of soldiers or other groups (see chapter 2 in the Referee's Manual for more on encounters).

Only main paved roads count as roads for game purposes. The countryside is often criss-crossed with small dirt roads, but these do not count as roads for the purposes of the travel mechanics.

RIVERS are also not a type of terrain in and of themselves, but can be used for traveling. Fords and bridges can be used to pass over a river. If there are none, you need a raft or boat to cross a river, or you must swim across it. Read more about journeys on lakes and rivers below.

TERRAIN TYPES

TERRAIN	ROAD	OPEN	WOODS	HILLS	MOUNTAINS	LAKE/RIVER	SWAMP	RUINS
								
SPEED*	x1	x1	x½		x½	x1**	x¼	x½
DRIVING	+3	+1	-1	0	-1	+2	-1	0
FORAGING	As terrain	-1	+1	0	-2	-	-1	-2
HUNTING	As terrain	+1	+1	0	-1	0	0	-1
SCROUNGING	+1	-	-1	-1	-2	-	-2	+2
ENCOUNTER DISTANCE (HEXES)	2D10x2***	2D10x4	2D10	2D10x2	2D10x3	2D10x4	2D10x2	2D10

*Applies only to off-road driving (page xx). For marching and on-road driving, the speed factor is always x1.

**Requires boat or amphibious vehicle.

***Minimum distance, use only for roads through woods or ruins.

WHERE TO GO?

In a sandbox game like TWILIGHT: 2000, you might find yourself asking the question – where should we go? The answer to this is very much up to yourself and your campaign. The Referee will give you enough information to go on – nearby enemies to flee from or points of interest to investigate. More information about this can be found in chapter 1 of the Referee's Manual.

SHIFTS OF THE DAY

During travel, the day is divided into four shifts of roughly six hours each:

- ★ Morning
- ★ Day
- ★ Evening
- ★ Night

At the start of every shift, each member of your group must decide what they will do for most of that shift. You cannot perform more than one activity in the same shift, unless stated otherwise. Some activities can be performed by several of the characters at the same time. For other activities, a single character must be chosen. The various activities are explained in detail over the course of the coming pages.

COMBAT TERRAIN

The Referee should take the travel map terrain into account when selecting or drawing battle maps for combat encounters, but there is not an absolute match between travel terrain and combat terrain. For example, there can be small areas of forest in an open hex on the travel map, and conversely there can be open fields in a travel hex dominated by forests.

- ★ **MARCHING:** Walking on foot. Must be done by all members of the group if you want to move forward on the map. Can be combined with keeping watch.
- ★ **DRIVING:** Steering a vehicle on land, water or in the air. Passengers can rest or even sleep while you drive.
- ★ **KEEPING WATCH:** Scouting for enemies and other encounters. Can be combined with marching, but only by one character in the group.
- ★ **SCROUNGING:** Looking for useful scrap in the wastelands. Can be done by several characters at the same time. Cannot be done from inside a moving vehicle.
- ★ **FORAGING:** Looking for edible plants and herbs. Can be done by several characters at the same time. Cannot be done from inside a moving vehicle.
- ★ **HUNTING:** Tracking and killing animals for food. Can be done by several characters at the same time. Cannot be done from inside a moving vehicle.
- ★ **FISHING:** Requires a river or a lake. Can be done by several characters at the same time. Cannot be done from inside a moving vehicle.
- ★ **MAKING CAMP:** Only one character can roll for making camp, but others can help. Cannot be done from inside a moving vehicle.
- ★ **COOKING:** Can be done by several characters at the same time, but requires either a kitchen or a campfire (which can be created as a part of the making camp action).
- ★ **RESTING:** Can be done by several characters at the same time, and can be done in a moving vehicle, as long as you're not driving or keeping watch.
- ★ **SLEEPING:** You need to sleep at least one shift per day (page xx). Can be done by several characters at the same time, and can be done in a moving vehicle, as long as you're not driving or keeping watch.

- ★ **EXPLORING:** Investigating a scenario location (page xx) or other location and interacting with NPCs. Can be done by several characters at the same time.

LIGHT & DARKNESS

The time of day determines the level of light, which affects visibility (page xx). In most of the world, the morning and day shifts are generally considered daylight, while the evening and night shifts are dark (with visibility depending on moonlight and cloud cover). Only a short period at the start of each morning and evening shift are considered dusk. However, at higher latitudes, such as in the Nordic region, the seasons have a great impact on light levels and the dusk lasts for entire shifts. See the table on page xx for guidance.

NORDIC LIGHT

SHIFT	SPRING	SUMMER	FALL	WINTER
Morning	Dusk	Light	Dusk	Dark
Day	Light	Light	Light	Dusk
Evening	Dusk	Light	Dusk	Dark
Night	Dark	Dusk	Dark	Dark

WEATHER

The weather, particularly cloud cover and rain, can limit visibility and affect ranged combat. Decide the current weather when starting your campaign, and then roll a D6 at the start of every shift. On a 1, the weather changes one step toward rain. On a 6, the weather changes one step toward fair.

1. **FAIR WEATHER:** Maximum visibility in darkness is 10 hexes (15 with strong moonlight).
2. **CLOUDY:** Cloud cover reduces visibility during the dark shifts of the day to 5 hexes.
3. **HEAVY RAIN/SNOW:** Limits visibility to 20 hexes in the daytime and 5 hexes at night. Gives a -1 modifier to all ranged attacks. Requires a **STAMINA** check for marching (below) and gives a -2 modifier to **DRIVING** rolls. A heavy rain will only last one shift – after a shift of heavy rain, the weather automatically shifts to cloudy.

MAKING YOUR OWN MAPS

As the world of *Twilight: 2000* is an alternate version of our own world, you can use any number of online map resources to create travel maps. Simply go to any such website and download a map of the area you want. Download the blank hexagon map overlay from the Free League website, and use an image editing program to place it on top of the map. Make sure each hexagon on the map is 10 kilometers across.

INTERRUPTIONS

You need to spend most of a shift on a specific activity for it to count, but the Referee should allow some interruptions as a result of encounters and other events. As a rule of thumb, if you spend at least three quarters of the Shift on your chosen activity, you gain the benefits from it. The Referee has final say.

MARCHING

If you have no vehicle to travel in, you'll need to walk on foot across the nuclear wastelands. Under good circumstances, you can march two hexes per shift on a road, or one hex per shift off-road. Terrain has no effect on your marching speed.

WEATHER: In heavy rain, each PC needs to make a **STAMINA** roll to march – if you fail, your base movement for this shift is reduced to one hex (to zero, if marching off-road). If some PCs succeed and others fail, you need to decide whether to leave stragglers behind or wait for them.

DARKNESS: Marching off-road at night requires a **SURVIVAL** roll. Only one person rolls for the entire group. Failure means that you cannot find your way, and no progress is made this shift.

ENCOUNTERS: Short breaks are included in the travel speeds in the list, but if you stop for more than a few minutes along the way – because of an encounter or something else – you will not be able to travel the entire distance during the shift. The Referee has the final word on how many hexes of movement you lose when stopping for an encounter.

FORCED MARCH

You can march for two of the four shifts of the day without problem. If you need to, you can push yourselves and march for a third shift in a single day. This requires that each of you make a **STAMINA** roll (in addition to any roll for heavy rain).

Failure means that you are unable to march during the shift – instead, you must rest or sleep. If your **STAMINA** roll succeeds, you can choose to leave any stragglers behind and split up the group, or you can stay and wait for them.

If you are in a real rush, you can even attempt to march for a fourth shift in the day. In that case, you must roll for **STAMINA** again as outlined above, but the roll gets a –2 modifier. Be aware that doing this automatically makes you sleep deprived (page xx), as you miss the necessary hours of sleep per day.

EXAMPLE

*Ronson gets up early in the morning and starts marching. The night was cloudy and the Referee rolls a ✨ for the weather—as morning breaks, the rain starts pouring down. Ronson needs to make good progress so he walks along a road. He needs to roll **STAMINA** for the rain and succeeds, so he moves two hexes along the road during the morning shift.*

*He just barely makes it past a Soviet patrol however, so for the day shift he decides to walk through the woods instead. There is a road in this hex, so he doesn't need to roll for navigation. The rain stops, so no **STAMINA** roll is needed, but due to marching off-road, he only proceeds one hex.*

*Ronson decides to march for a third straight shift. He rolls **STAMINA** for the forced march, but fails. He pushes the roll, but fails again – he's just too tired. Ronson suffers one point of damage for the failed push, and spends the evening recovering.*

*By the start of the night shift, he has recovered the damage. It's dark now but Ronson must press on. He takes the chance to march on the road, so no **SURVIVAL** roll is needed. He rolls **STAMINA** again for marching for a third shift in the same day, and succeeds. He proceeds another two hexes.*

By daybreak, Ronson is sleep deprived due to not having slept for a full day.

DRIVING

All characters are assumed to be able to drive cars, trucks, motorcycles, and even tracked vehicles under normal circumstances. The vehicle lists in chapter 5 indicate maximum travel speeds, in 10-kilometer hexes per shift. Two separate rates are given, one for traveling off-road and one for traveling on-road. If the listed speed for off-road travel is a dash (–) the vehicle cannot be driven off-road at all.

NAVIGATION

When moving off-road through a hex with no road in it, no matter if you are marching or driving, one person in your group must make a **SURVIVAL** roll to enter a new hex. If the roll fails, you enter another hex than the one intended. Roll any die – on an even roll, you enter the hex to the right of the target hex, and on an odd roll, the hex to the left. Maps and compasses (page xx) give bonuses to the roll.

Normally, you will choose on-road or off-road driving for a full shift, but the Referee can allow splitting a shift in half, at their discretion.

ENCOUNTERS: As for marching, short breaks are included in the travel speeds for vehicles, but if you stop for more than a few minutes, you will not be able to travel the entire distance. The Referee has the final word on how many hexes of movement you lose when stopping for an encounter.

TERRAIN

When driving off-road, difficult terrain can reduce your speed. A terrain speed factor of $x\frac{1}{2}$ in a hex means that you need to spend two hexes of movement to drive into

it, a speed factor of $x\frac{1}{3}$ means you need to spend three hexes of movement, etc. You will sometimes need to accumulate movement over multiple shifts to move into a hex. When driving on-road, the terrain has no effect.

DRIVING AT NIGHT

Driving at night halves the effective travel speed, both on and off-road, rounding fractions up. The era of well-lit roads is long gone, and they are often blocked by debris and potholed by impact craters.

HAZARDS

At the start of each shift you drive, you must make a **DRIVING** roll, modified for terrain type, to avoid a hazard. If you drive off-road into a new terrain type during a shift, you need to make an additional roll. In heavy



DRIVING HAZARDS

D10	HAZARD	EFFECT
1–2	Wrong turn	The driver makes a wrong turn somewhere and needs to turn around and go back. One full hex of movement is lost.
3–4	Bogged down	The vehicle gets stuck, in the terrain if off-road and in a pothole, crater or debris if on-road. Getting loose requires a STAMINA roll. Several attempts can be made, but each roll means that one full hex of movement is lost.
5	Roadkill	The vehicle hits a random animal, roll a D6 on the hunting table on page xx. The animal is killed (and can be used for food), but also inflicts damage on the vehicle front equal to the amount of damage needed to kill it.
6	Engine overheated	The vehicle must stop. Fixing the problem requires a TECH roll. Several attempts can be made, but each roll means that one full hex of movement is lost.
7	Crash	The vehicle crashes violently into a tree, rock, makeshift barricade or other solid object, and suffers damage to the front equal to its travel speed rating (on-road or off-road). The vehicle also becomes bogged down as per above. The crash can attract unwanted attention (Referee's discretion).
8	Blown tire/ thrown track	The vehicle cannot move. Fixing the problem requires a TECH roll and a vehicle spare part. Several attempts can be made, but each roll means that one full hex of movement is lost.
9	Broken axle	The vehicle becomes inoperable, as if having suffered critical damage to its suspension (page xx) and its reliability rating reduced below D.
10	Engine blown	The vehicle becomes inoperable, as if having suffered critical damage to its engine (page xx) and its reliability rating reduced below D.

rain, you get a –2 modifier. If you fail, you suffer a hazard – make a roll on the table on page xx. The Referee decides the exact hex in which the hazard occurs. If you roll a mishap, you must also make a reliability roll.

Several hazards will cause one or more hexes of movement to be lost – this is taken from the vehicle's remaining available movement this shift. If no such movement remains, this penalty must instead be paid in the next shift, if the vehicle keeps moving.

FUEL & STILLS

Vehicles need fuel to operate. The lists in chapter 5 indicate each vehicle's fuel capacity (in liters) and fuel consumption (in liters per hex driven). Off-road, the fuel consumption is doubled.

IDLING: If you leave vehicle idling, to power electric devices for example, the listed fuel consumption is per shift instead of per hex.

ALCOHOL FUEL: Gasoline and diesel are hard to come by in the world of TWILIGHT: 2000. Modifying an engine to run on ethanol or methanol is a **TECH** roll and takes a shift of work. For game purposes, no distinction is made between ethanol and methanol. When running on alcohol fuel, the fuel consumption of the vehicle is doubled.

STILLS: To produce alcohol fuel, you need a still and raw materials in the form of wood, plants, grain or even paper. One encumbrance unit of raw materials is used to produce one liter of alcohol fuel. A few different stills are described in the gear chapter (page xx), and each indicates

how many liters of alcohol fuel they produce per shift of stationary use, monitored by at least one person.

As a rule of thumb, assume that a person can gather 30 encumbrance units of raw materials per shift of work in the field. In the winter, this amount is halved.

HORSES

In game terms, horses count as vehicles for the purposes of combat (page xx). A typical horse can carry a rider (including carried gear) plus 25 encumbrance points of additional load, or a second person. If you instead lead it by the halter, the horse can carry up to 50 encumbrance units.

During travel, you can only ride a horse for two shifts per day. To ride for a third shift, you need to make a **MOBILITY** roll, modified by the Rider talent. If you fail, the horse goes lame and becomes incapacitated (page xx). A horse needs at least one shift of rest per day.

EXAMPLE

*Diaz drives the M113, with a travel speed of 8/6. For the morning shift, she stays on a main road. Jonesy keeps watch, riding unbuttoned. Kasia and Top rest in the back. Diaz makes a **DRIVING** roll and succeeds. Having traveled four of the eight hexes, the group encounters a band of marauders, and the Referee determines that*

no more progress will be made this shift. The M113 has been converted to run on alcohol fuel, and thus has a fuel consumption of 16 liters per hex, i.e. 64 liters were consumed in the morning shift.

For the day shift, Diaz decides to head off-road, into the woods. There is a road in this hex, so no roll for navigation is needed. She makes a **DRIVING** roll for the shift, but this time she fails, and gets bogged down! The Referee decides that the hazard occurs after having traveled two hexes (using up four of the six hexes off-road travel capacity, due to the terrain factor for woods).

Diaz makes a **STAMINA** roll (with help from the others) and succeeds on her second try, but due to the hazard, she loses her two hexes of remaining movement, meaning that the M113 cannot move any further this shift. Two hexes traveled in total this shift means another 64 liters of fuel were consumed (16x2 and then doubled for off-road driving).

The group decides to make camp for the evening. While Jonesy makes camp, Diaz spends the shift on repairs, and Kaisa and Top gather wood and plants for the small fuel still that the group has jury rigged. They gather a total of 60 units. Using their small still, this will take twelve shifts – three full days of non-stop use – to distill into 60 liters of fuel.

KEEPING WATCH

During every shift, you should designate one character in your group who is responsible for scouting for threats and enemies. The lookout can keep watch and march at the same time. A lookout is useful during every shift, even after you make camp. You don't need to have a lookout if you don't want to, but without one you have no chance of spotting threats before they are upon you.

During journeys, the lookout makes a passive **RECON** roll (cannot be pushed) when the Referee indicates that the group is approaching an encounter (see chapter 2 of the Referee's Manual). The distance between the lookout and the encounter depends on the terrain that you are traveling in. See the table on page xx.

Make a straight **RECON** roll – it's only an opposed roll if the enemy is actively ambushing you. If your roll is successful, the lookout spots the other group before you are spotted yourselves. You can then decide whether to show yourselves, back off, or set up an ambush (requiring another **RECON** roll, this time opposed). If your **RECON** roll fails, the other group spots you first.

BACKING OFF: If you back off from an encounter without being spotted, you can try to circle around it, off-road. This will cost you an additional hex of off-road movement, before you can continue forward. Also, the Referee can draw an additional encounter for the hex.

VEHICLES: If you travel on or in a motor vehicle and the group you encounter is on foot, you get a –2 to the **RECON** roll to spot the encounter. If you are all inside an armored vehicle with the hatches closed, you will automatically fail the roll. If you are on foot while the encountered group is motorized, you get a +2 to the roll. If both groups are in vehicles, roll normally.

EXAMPLE

Back on the road again, Jonesy is keeping watch from the M113, riding unbuttoned. The Referee draws an encounter – the group is approaching a heavily fortified marauder roadblock. As Jonesy is on a vehicle while the marauders are on foot, he gets a –2 modifier to his **RECON** roll. He gets lucky and succeeds, spotting the roadblock before the marauders see them.

The Referee rolls for encounter distance (road) and gets 24 – the roadblock is 24 hexes (240 meters) distant. The group decides to back off and drive into the woods, hoping to circle around the roadblock and avoid detection. The main terrain in the hex is woods, so Diaz needs to spend another two hexes of off-road movement to circle around the roadblock. After that, the group can move on into the next hex.

SCROUNGING

The world might seem like a wasteland in the year 2000, but to the trained eye, there are small treasures everywhere. If you spend a shift scrounging, you have a chance to find useful scrap. Several characters can scrounge at the same time. If you want to make separate rolls, you cannot scrounge in the same hex on the travel map. Alternatively, one of you can scrounge and the others help the roll.

For each ☉ rolled, make a D100 roll on the scrap table on page xx. The table lists any effect the item has. The Value column indicated the approximate value of the item, in bullets. The Spare Parts column indicates how many spare parts can be scavenged from the find (page xx). Scavenging takes a full shift, separate from the time spent scrounging.

REFEREE'S CHOICE: The Referee can decide what item you find when scrounging, instead of letting you roll. The Referee can also ask you for a reroll, for example if you find the same item twice in a row.

QUICK SEARCH

Sometimes, you might want to make a quick search for scrap in a smaller area, without spending a full shift. The Referee should only allow this in areas where there is likely to be scrap present, such as a settlement of some kind. A quick search requires no dice roll, and gives you a free roll on the scrap table. This does not count as scrounging, and you can still spend the main part of the shift doing something else. You can also still scrounge the hex you're in, even after a quick search.

D.100	ITEM	EFFECT	SPARE PARTS	WEIGHT	VALUE
01	Alarm clock	–	1 general	½	10
02	Aspirin bottle	Page xx (D6 doses remaining)	–	0	D6x15
03	Axe	Page xx	–	1	30
04	Baseball bat	As club	–	1	5
05	Bible	–	–	¼	10
06	Bicycle	Page xx	2 general	5	50
07	Bicycle pump	–	1 general	1	15
08	Binoculars	Page xx	–	½	50
09	Box of cereal, unopened	D3 rations of domestic food	–	D3x½	D3x10
10	Box of chocolates (still edible)	D3 field rations	–	D3x¼	D3x20
11	Bullhorn (broken)	–	1 general	1	10
12	Candelabra	–	–	1	25
13	Candy bar	One field ration	–	¼	20
14	Car tire	–	1 vehicle	2	50
15	Carving knife	As knife	–	½	5
16	Champagne glasses, D6	–	–	D6x¼	D6x20
17	Chandelier	–	–	2	50
18	Charcoal grill	SURVIVAL +1 when cooking	1 general	3	100
19	Cigarettes, half-empty pack	Removes 1 point of stress but gives –1 to STAMINA rolls for one shift. 2D6 uses.	–	0	2D6x10
20	Coloring book for kids (half done)	–	–	¼	5
21	Cooking pot	SURVIVAL +1 when cooking	–	½	20
22	Credit card	–	–	0	1
23	Crime novel	–	–	¼	3
24	Crowbar	TECH +1 for rough work, can be used as club	–	1	5
25	Deodorant bottle	–	–	0	10
26	Desk lamp	–	1 electronic	1	15
27	Doll	–	–	¼	15
28	Electric guitar	Requires electricity	1 electronic	1	30
29	Electric mixer	Requires electricity	1 electronic	½	20
30	Electric shaver	Requires electricity	1 electronic	¼	25
31	Electric toothbrush	Requires electricity	1 electronic	¼	25
32	Extension cord	–	1 electronic	¼	15
33	Face mask, Donald Duck	–	–	0	5
34	Fantasy novel, very thick	–	–	¼	5
35	Fire extinguisher	Puts out fire in a hex or a vehicle. One use only.	–	2	150
36	Fireworks, D6, still functional	As flares (page xx)	–	D6x¼	D6x5
37	Fishing pole	Page xx	–	1	25
38	Flashlight (broken)	Needs repair. Requires battery.	1 electronic	¼	20
39	Floor lamp	Requires electricity	1 electronic	1	15
40	Football	–	–	¼	5
41	Frying pan	SURVIVAL +1 when cooking	–	½	20
42	Gaffer tape	TECH +1 when jury rigging	–	¼	25
43	Golf club	As club	–	1	5
44	Hair dryer	–	1 electronic	½	20
45	Hair gel	–	–	0	5
46	Hedge Trimmer	As knife	1 general	1	10
47	Hockey club	As club	–	1	5
48	Hunting bow	Page xx	–	1	150
49	Hunting rifle	Page xx	2 weapon	1	varies
50	Infant formula	D6 field rations	–	D6x¼	D6x20

D100	ITEM	EFFECT	SPARE PARTS	WEIGHT	VALUE
51	Instant coffee	D6 uses, removes sleep deprivation	–	D6x¼	D6x10
52	Instant noodles	D6 rations of domestic food	–	D6x½	D6x10
53	Iron pipe	As club	–	1	1
54	Ladies hat	–	–	0	5
55	Laptop computer, broken	–	2 electronic	1	50
56	Lawn mower	–	2 general	4	25
57	Lipstick	–	–	0	3
58	Loudspeaker (broken)	–	1 general, 1 electronic	2	30
59	Mathematics textbook	–	–	½	20
60	Microwave oven (broken)	Requires electricity	1 general, 1 electronic	3	30
61	Mirror	–	–	2	5
62	Movie DVDs, D6	–	–	0	D6x1
63	Movie poster	–	–	¼	3
64	Music CDs, D6	–	–	¼	D6x1
65	National flag, torn	–	–	0	10
66	Necktie	–	–	0	5
67	Oriental carpet	–	–	2	15
68	Photo of happy family	–	–	0	3
69	Playing cards	–	–	0	10
70	Raincoat	STAMINA +1 against chemical weapons	–	½	25
71	Remote control	–	1 electronic	0	15
72	Revolver	Page xx	1 weapon	½	75
73	Saxophone	–	1 general	1	25
74	Shopping cart	Carries 20 encumbrance units	1 general	3	20
75	Shotgun	Page xx	2 weapon	1	varies
76	Skateboard	MOBILITY +1 on pavement	–	1	15
77	Ski hat	STAMINA +1 against cold	–	0	10
78	Sleeping pad	SURVIVAL +1 when sleeping on bare ground	–	½	10
79	Snowglobe	–	–	¼	5
80	Sports jersey	–	–	0	5
81	Teddy bear	–	–	¼	5
82	Tent (fits four)	SURVIVAL +1 to make camp	–	4	50
83	Tire iron	TECH +1 on vehicles	–	2	25
84	Top hat	–	–	0	10
85	Toy sword	–	–	½	5
86	Trombone	–	–	1	20
87	TV set, broken	Requires electricity	2 general, 2 electronic	4	50
88	Twinkies, still edible	D6 rations of domestic food	–	D6x½	D6x10
89	Typewriter	–	2 general	2	60
90	Vacuum cleaner	Requires electricity	1 general, 1 electronic	2	30
91	Video game console	–	1 electronic	½	20
92	Walkie-talkies (broken)	Page xx (need repair)	1 electronic	½	50
93	Walkman with headphones and cassette	–	1 electronic	¼	25
94	Wallet full of moldy cash	–	–	0	3
95	Wine bottle, undrinkable	–	–	½	2
96	Wristwatch, broken	–	1 electronic	0	20
97	Yellowed copy of TWILIGHT: 2000 RPG, 1st edition	–	–	½	10
98	Roll twice on the table	–	–	–	–
99	Roll three times on the table	–	–	–	–
00	Roll four times on the table	–	–	–	–

FORAGING

If you are running out of provisions, you can spend a shift looking for edible plants and drinkable water. You cannot march at the same time, so to forage you must stop in the hex you currently occupy. You cannot forage the same hex two shifts in a row.

Several characters can forage at the same time. If you want to make separate rolls, you can't forage in the same hex, however. Alternatively, one of you can forage and the others help the roll. To forage, you must first choose whether you are looking for food or water. Then make a **SURVIVAL** roll, modified by the terrain type (page xx). The roll is also modified by the time of year.

When looking for food, success means that you find a number of rations of wild food (page xx) equal to the number of ☉ you rolled. When looking for water, success means that you find enough drinkable water to fill your water bottles.

You can eat wild food, or cook it to turn it into domestic food (page xx).

FORAGING

SEASON	FORAGING
Spring	-1
Summer	0
Autumn	1
Winter	-2

HUNTING

Another way to find food during a journey is to hunt. You cannot march at the same time as you hunt. Several characters can hunt at the same time, but not in the same hex. Alternatively, one of you can hunt and the others help. You cannot hunt in the same hex two shifts in a row.

To hunt, you must first roll for **SURVIVAL**, modified for the terrain type. Success means that you have tracked some kind of prey. Roll on the hunting table on page xx to see what type of animal it is. If you roll multiple ☉, you manage to track several prey – roll once for each, and then choose which one to hunt.

To kill a prey you have tracked, you must first make a **RECON** roll to move into position without alerting the animal. It's a straight roll (not opposed) but modified by how close you want to get (page xx). Second, you must make a ranged attack against the animal. You can make a slow aim if you have a telescopic sight (page xx). If your attack inflicts the amount of damage listed in the Damage column or

OTHER ANIMALS

The hunting table assumes a northern or central European setting. If your game is set elsewhere, feel free to replace the animals in the table with more appropriate species.

more, the animal is killed. If not, it's only wounded and escapes. You only get one shot.

The hunting table indicates how many rations of (domestic) food that your prey yields, once the meat has been cut and cooked (page xx). You can eat raw meat, but you will then need to make a **STAMINA** roll to resist food poisoning (page xx).

TRAPPING: Certain animals can be caught using simple snares. Using a snare, you don't need to shoot the animal in order to catch it. Instead, you just make another **SURVIVAL** roll after having tracked the animal - if successful, the animal is caught.





HUNTING

D6	ANIMAL	DAMAGE	TRAPPING	FOOD
1	Grouse*	1	No	1
2	Rabbit	1	Yes	2
3	Fox	1	Yes	3
4	Boar	2	No	4
5	Deer	2	No	5
6	Moose	3	No	6

*Requires shotgun

EXAMPLE

While waiting for the still to produce fuel, Top goes hunting in the woods. He makes the **SURVIVAL** roll (with a +1 from terrain type and a +1 from his Hunter specialty) and succeeds with two ☉. He rolls twice on the hunting table indicating he's tracked both a boar and a moose. He decides to hunt the moose. He tries to move within 10 hexes (100 meters) of it, which is **MEDIUM** range for his M16. This gives him a +1 to his **RECON** roll to move into position, and he succeeds. Now, he takes the shot, using three ammo dice, just to be sure. He hits with one ☉ on his base dice and gets on ☉ on his ammo dice, hitting the animal twice for 2 damage points each, for a total of 4. The moose goes down.

FISHING

If you are in a hexagon by a river or lake or by the ocean you can fish. If you are on foot, you cannot march while fishing, but you can fish from a moving boat. Several characters can fish at the same time. If you want to make separate rolls, you can't fish in the same hex, however. Alternatively, one of you can fish and the others help.

To fish, you need fishing gear (page xx) and a **SURVIVAL** roll. Success means you gain a number of rations of (domestic) food equal to the number of ☉ you rolled, once the fish has been cleaned out and cooked (page xx). You can eat raw fish, but you will then need to make a **STAMINA** roll to resist food poisoning (page xx).

GRENADE FISHING: If you have a hand grenade to spare, you can use it for fishing. This requires no skill roll, and yields D6 rations of food. You can't grenade fish in the same hex more than once per shift.

MAKING CAMP

When the journey of the day is over, it's time to make camp. Finding a good location for a camp, making a fire, and preparing a place to sleep takes a whole shift—usually the evening. Only one character rolls to make camp, but others can help with the roll.

Make a **SURVIVAL** roll. If your roll succeeds, you find a sheltered place to spend the night, where you can all

CAMP HAZARDS

D10	HAZARD	EFFECT
1	Food spoiled	Your food has rotted or been infected by insects. Half the rations you are carrying are spoiled.
2	Flooding	Heavy rainfall (page xx) starts in the middle of the night. The camp is flooded and everything gets soaking wet. All characters must roll for STAMINA to avoid becoming hypothermic, and no one gets any sleep.
3	Fire dies	The firewood is wet, and your campfire goes out. Except in warm weather, everyone must roll for STAMINA to avoid becoming hypothermic.
4	Fire!	The flames from your campfire spread out of control. If you have a tent, it's destroyed. Each character suffers the effects of fire with intensity D, and must make a MOBILITY roll to save their gear. Failure means that one piece of equipment (Referee's discretion) is lost in the fire.
5	Ants	Your camp sits right in the middle of an ant road. You each suffer 1 point of stress and no one gets any sleep here.
6	Lice	A randomly selected character has caught lice. It itches horribly, and they get a rash all over their body. The victim suffers 1 point of stress each day and cannot sleep this day. A successful MEDICAL AID roll stops the effect.
7	Mosquito swarm	A large swarm of mosquitoes attacks the camp, driving everyone crazy. Roll two D6 base dice for each character – for each \odot rolled, the character suffers 1 point of stress.
8	Savage animal	A starving wolf, dog, boar or even a bear attacks the camp. For stats, see page xx of the Referee's Manual.
9	Lost gear	A randomly selected character has lost a piece of gear. The Referee decides what was lost, and if it can be found.
10	Broken gear	An item belonging to a randomly selected character is broken. The Referee decides what item it is. The item can be repaired with a TECH roll.

find cover from incoming fire and rest up before the next day's journey. If your roll fails, you set up camp to rest and sleep anyway, but the Referee makes a hidden roll on the hazard table (page xx). Re-roll if the hazard is not applicable to the situation. The Referee can spring this hazard on you anytime while you are in the camp.

FIRE: Starting a fire is included in making camp. This is required to be able to cook food at the camp (page xx) and it will protect you against cold weather. You can opt to not start a fire, as the smoke will give away your position to anyone within visual range of it (page xx). When sleeping for a shift without a fire (or other heat source), you must all roll **STAMINA** to avoid hypothermia (page xx), except during warm summer nights.

HIDDEN CAMP: If you want to make your camp hard to spot, roll **RECON** right after your **SURVIVAL** roll, and note down the result. Your **RECON** result will be used as an opposed roll against any enemy passing by, just as when setting up an ambush (page xx). Without this, any enemies coming within visual range of your camp will automatically spot it.

STANDING GUARD: Even while you are in your camp, you would be wise to have a sentry stay awake to keep watch. You need to choose who stands guard during the night, and let this person sleep during some other shift (usually the evening).

BARE GROUND

It is possible to sleep in the wilderness without making camp – you simply find a suitable tree to sleep under. You save the time it takes to make camp, but everyone in the group must make a **SURVIVAL** roll to find a good spot to sleep. Failure means you don't sleep at all, and thus risk becoming sleep deprived. Since you don't have a fire to keep the cold away, you all also suffer the effects of cold.

COOKING

Cooking meat, fish or vegetables that you have caught or foraged in the wild requires a campfire or a kitchen of some sort. By a campfire, you can cook up to a dozen daily rations of food in a shift. This includes cutting meat, gutting and cleaning fish, etc. You can cook in the same shift as another character makes camp.

Roll **SURVIVAL**. No matter if you succeed or not, your rations of meat, fish or wild food are turned into domestic food rations (page xx). However, if you fail, anyone who eats the food must make a **STAMINA** roll to resist food poisoning.

RESTING

Resting by the campfire is a good opportunity to recover from damage. Read more about recovery on page xx. If your rest is interrupted by something dramatic, like combat or other similar activity, your activity during the shift no longer counts as rest.

SLEEPING

You need to sleep at least one shift per day (usually during the night) to avoid becoming sleep deprived (page xx). If your sleep is interrupted by something dramatic, like combat or other similar activity, your activity during the shift no longer counts as sleep.

EXPLORING

When you stop at a location to explore it, your journey is interrupted. Exploring can take anything from a shift up to several days or even weeks.

Sometimes, you might have to take a break to rest or sleep while exploring. You cannot rest or sleep if you explore for more than half of the shift.

CITY TRAVEL

Traveling inside large cities is handled similarly to travel in the countryside, but uses maps with a smaller scale. Instead of 10-kilometer hexes, city maps use 1-kilometer hexes. However, as cities are often more crowded and travel in a city is slower, each 1-kilometer hex in a city is counted just like a 10-kilometer hex for the purposes of both travel speed and encounter frequency.

City settings and how to play in them will be explored in more detail in a future expansion to **TWILIGHT: 2000**.

WATER TRAVEL

If you have access to a boat or raft, you can cross a river without using a bridge or a ford. You can also travel along a river, across a lake or on an ocean. Sea travel works just like driving on land. Passengers on a boat can rest or even sleep, as long as they don't keep watch, fish or perform some other action.

A few common civilian boat types are included in the vehicle lists in chapter 5. More boats, and more detailed rules for how to use them, will be included in a future expansion.







07 THE WORLD AT WAR

I'd ditched Advanced Calculus and was smoking at a café when I saw the parachutes bloom over my high school as the Soviets began their invasion. Adults stood dumbfounded around me, coming out of the café, out of apartments, cars slowing to a complete halt. This was all the news had talked about for the better part of the year, but no one really believed it would happen. An old man in a tweed jacket looked at me and said, "You shouldn't be smoking, little girl." I laughed and pointed to the descending troops. "Yeah," I told him, "THAT'S my biggest problem."

THE ROAD TO WAR

→ 1989

NOVEMBER 9: The Berlin Wall falls.

→ 1990

AUGUST 2: Iraq invades Kuwait, starting the Gulf War.

OCTOBER 3: Germany is reunified.

→ 1991

FEBRUARY 28: The Gulf War ends.

JUNE 12: Boris Yeltsin is elected president of Russia.

JULY 1: The Warsaw Pact is formally dissolved.

AUGUST 19: Tanks rumble through the streets of Moscow in the morning. "The Gang of Eight," with KGB chief Vladimir Kryuchkov at the helm, sets their coup in motion. President Mikhail Gorbachev is placed under house arrest in Crimea and vice president Gennady Yanayev – one of the The Eight – is declared the new president of the Soviet Union. The Russian president Boris Yeltsin is arrested at his dacha outside Moscow. Tens of thousands demonstrate in the streets against the coup, but without a central leader figure, the protests are struck down hard.

In other parts of the Soviet Union, the Gang of Eight is less successful. In the Baltic states of Estonia, Latvia and Lithuania, Soviet forces occupy TV towers and other strategic buildings, but this sparks violent protests. After many deaths and strong condemnation by the USA, the Soviet forces retreat. The three Baltic states all declare independence shortly after, and immediately apply for NATO membership.

→ 1992

The collapse of the Soviet Union has been halted by the Eight, who spend the next year purging all opposition to their rule inside the Soviet government. The Kremlin initiates a program of carefully controlled economic liberalization, but the freedom of the press and other liberties introduced by Gorbachev are revoked step by step.

In the international community, the Soviet Union is seen as severely weakened. In the US, focus shifts to the woeful state of the domestic economy. President George Bush loses the election to the challenger Bill Clinton.

→ 1993

Clinton wants to show solidarity with the countries in the former Warsaw Pact. During a visit to Poland and the Baltic States, he signals that they can count on NATO support and, eventually, membership. The Soviet Union protests, but the former super power is on its knees and is not seen as a real threat, despite its nuclear arsenal.

The Oslo Agreement between Israel and the Palestinian Liberation Organization (PLO) is signed in Washington.

→ 1994

Gennady Yanayev dies under mysterious circumstances. KGB chief Vladimir Kryuchkov is named new president of the Soviet Union. Rumors spread of another wave of bloody purges in the Kremlin. Mainly thanks to rising oil prices, the Soviet economy gets back on its feet.

→ 1995

Vladimir Kryuchkov holds a speech about the "illegal" exit from the Soviet Union by the Baltic States, and how this was a CIA plot to weaken the Soviet Union. The Clinton administration views the speech as empty rhetoric and does not react.

→ 1996

At dawn on May 9, Soviet tanks thunder into Estonia, Latvia and Lithuania in a broad offensive. Vladimir Kryuchkov holds a speech and says that the operation is necessary to protect the Russian minorities in these countries, and to restore the territorial integrity of the Soviet Union.

The US is taken by surprise, and its reaction is tepid. The leaders of the Baltic States beg for help, but Clinton hesitates. After just a week of military action, Estonia, Latvia and Lithuania are all again under Soviet rule, but guerrilla warfare continues. Soviet forces mobilize along the borders of Poland and Finland. The Soviet aggression is condemned by the UN, but being a permanent member of the Security Council, Moscow blocks all concrete UN action.

The Soviet attack occurs in the middle of the presidential primaries in the US. Harvey West, a former Lieutenant General of the US Marine Corps, unexpectedly defeats Bob Dole in the Republican primaries and challenges Bill Clinton in the November presidential election. West bases his campaign on blasting Clinton's weakness against the Soviets and promises a stern hand against Moscow. Harvey West wins the hotly contested race by a narrow margin.

→ 1997

Harvey West is installed as US President, and starts fulfilling his campaign promises right away. The US military presence in Germany and Norway are beefed up significantly, even with tactical nuclear weapons. The newly commissioned USS Harry S. Truman aircraft carrier sails into the Baltic Sea, a bold move meant to send a strong statement to the Kremlin.

Kryuchkov sees the US advance as an existential threat. He concludes that Poland will soon fall into the US sphere of influence, and be allowed into NATO. To safeguard the Soviet territorial buffer in the West, Kryuchkov orders an immediate invasion of Poland, with the pretext of protecting the small Russian minority there. Soviet air and ground forces cross the border en masse.

The US President West reacts with force. He is unwilling to send ground forces into Poland, but orders a broad air bombing campaign against the advancing Soviet forces. The Kremlin replies in kind, with air strikes against US military bases in the United Kingdom, Germany, Turkey, Italy,

Norway and Iceland, drawing NATO into the escalating conflict. Meanwhile, the advance into Poland continues, and the Soviet forces close in on the Oder river, the border to the reunited Germany.

Pressure mounts for President West and his NATO allies, who agree to launch a multinational ground operation in Poland to break the Soviet advance. But West doesn't stop there – the Soviet threat needs to be stopped all across Europe, he concludes, and draws a line from the Black Sea to the Arctic Ocean. US troops are also sent to the Czech Republic, Slovakia, Hungary and Romania, who all happily receive them. The US military activates its reserve components, drawing on Army, Air Force, and Naval Reserves to provide the manpower required.

On June 6, US and Soviet ground forces engage in combat for the first time, west of Poznan in western Poland. Shortly after, Soviet forces cross the borders of Romania and Slovakia, and fighting erupts all along the new frontline through Eastern Europe.

The USS Harry S. Truman and its supporting squadrons spar with the Soviet Baltic Fleet out of Kaliningrad. The US asks Sweden to allow US troops and air defenses on the strategically located island of Gotland in the middle of the Baltic.

The US demand sparks a violent debate in Sweden. The government finally decides to reject the demand, referring to the Swedish official policy of neutrality. President West refuses to back down, and sends a marine force led by the USS San Jacinto cruiser to Gotland. The Swedish armed forces deploy their brand new JAS 39 "Gryphon" jet fighter, but after just a few days of air combat and a brief naval battle, Sweden agrees to a ceasefire. US troops soon land on Gotland, in Stockholm, and in Gothenburg on the west coast of Sweden to secure the supply lines.

Sweden's quick ceasefire sparks another furious debate in the country, where the political left accuses the government of making a secret deal with the US. In Moscow, the Kremlin draws the same conclusion, and now sees Sweden as a de facto NATO member and thus a hostile country.

Kryuchkov sees the US advancing quickly in the Baltic Sea region, and decides to strike fast. Old battle plans are dusted off and put into action. Soviet air forces attack a wide array of US and Swedish targets. Tanks rumble into northern Finland and advance quickly toward the Swedish border in the far north. A large airborne force parachutes north of Stockholm, and Arlanda airport quickly falls to Soviet control. Soviet naval ships enter the Stockholm archipelago, where they face both Swedish and American vessels in combat.

After a few weeks of heavy exchanges, the fighting subsides. Despite American air superiority, the larger Soviet forces have made substantial conquests. American and Swedish forces hold the west coast of Sweden and an enclave in Stockholm, while Soviet troops have taken control over most of the rest of the country. The USS Harry S. Truman is badly damaged by Soviet submarines and just barely manages to hobble into port in Stockholm, anchor-

ing off the Old Town. The Baltic Sea is now largely under Soviet control.

Similar scenarios play out in eastern Europe. Despite the US technological advantage, the more numerous Soviet forces advance in Poland, Romania and Slovakia.

The Soviet Northern fleet, based at Severomorsk, sails south to harass US supply lines and to prevent the UK from assisting the US in the Baltic. There are running skirmishes off the British coast as the Royal Navy is kept busy holding off the Soviets.

→ 1998

The new year brings more bad news for the US. Supported by the Soviet Union, Syria invades its southern neighbor Jordan – a US ally. The Syrian President Hafez al-Assad proclaims the creation of the New United Arab Republic (NUAR). Saddam Hussein's Iraq immediately joins this new federation, which uses the Palestinian issue to unify the Arab world against the most important US ally in the region: Israel.

NUAR rejects the Oslo Agreement between Israel and the PLO, and demands that Israel abandon the West Bank, the Gaza Strip and East Jerusalem. When Israel refuses, Syrian and Iraqi forces, supported by the Soviet air force and navy, attack the Golan Heights and the Jordan Valley. Israel responds with its full military might, but struggles to stop the massive Arab-Soviet attack, and the NUAR forces close in on Jerusalem.

Israel's Prime Minister asks the US for immediate help. President West, under pressure by the situation in Europe, hesitates. Israel draws the conclusion that the US has abandoned them and that the country must rely on itself. The government orders tactical nuclear strikes on the attacking forces. Soon, mushroom clouds rise over the Holy Land.

The NUAR invasion is halted. Syria asks Moscow to launch nuclear strikes against Israel as a response, but Kryuchkov decides against it, fearing an all-out nuclear war with the US.

In Washington, President West fears the Soviet manpower advantage will overrun central Europe. He activates the Selective Service System and orders a massive draft. Reaction ranges from patriotic enlistments to willful disobedience. Many draftees are directed to local reserve and National Guard units for initial training. Before the end of the year, the draft will produce half a million soldiers to reinforce Europe.

Yet, the mobilization takes months to complete, and West needs to stop the Soviet onslaught immediately. As the Kremlin did not respond to Israel's use of tactical nuclear weapons on the West Bank, West concludes that he can use them in Europe too, without triggering a global nuclear war. Seeing no other option to stop the Soviet onslaught, he gives a green light to limited use of tactical nuclear strikes against enemy troop concentrations – first in Poland, later in Sweden and elsewhere.

These attacks have a devastating effect on the Soviet forces, and their advances are stopped in their tracks. The Kremlin immediately responds in kind. Both sides try to exercise restraint, at first targeting only military and command

and control targets. Step by step the nuclear duel escalates, and soon industrial centers and other civilian targets are annihilated—not only in continental Europe, but also in the United Kingdom and soon even in the US and Russian heartlands. The EMP pulses knock out most electronic communication, and civil order in the affected countries starts to break down.

Back home in the US, the nuclear exchanges trigger massive civil unrest. Hundreds of thousands of people march in the streets of several major cities. The rift grows and increasingly leads to violence. Street fights break out in several cities, and both sides organize armed militias. In some large cities, local police forces join the demonstrators, and fighting erupts between police and federal forces. Some US states openly denounce the President's rule. A few federal agencies, such as the State Department and the CIA, are rumored to be secretly helping the rebels.

The Kremlin views the US as weakened, and initiates a major offensive to end the war once and for all. Instead of hitting the NATO forces in Poland directly, the Red Army tanks rumble into the Czech Republic and further into southern Germany. They quickly take Dresden, Leipzig, and Nuremberg, before another wave of tactical nuclear strikes halts their advance. In the far north, Soviet forces enter Norway and reach the Atlantic coast, supported by naval forces. Then, the Northern Fleet finally stops playing with the Royal Navy, sweeping them aside, and launches an invasion of the British isles. The few UK troops left, supported by a detachment of recovering US soldiers, stage a desperate defense. Tactical nuclear strikes devastate coastal settlements.

Toward the end of the year, President West's sorely needed reinforcements, hundreds of thousands of recruits, are finally ready. The military uses its full transport capacity to fly and ship the soldiers to Europe. The Soviets want to stop the reinforcements, and order the navy and air force to attack the transports. A bloody war at sea and in the air rages on for weeks. When the smoke clears, the US has obliterated the Soviet navy, but suffered huge losses in the process. President West has lost his capacity to ship more troops and equipment to Europe—as well as the ability to bring the forces already there back home. This, combined with the effects of nuclear strikes on all electronic communication, means that the US forces in Europe are stranded there for the foreseeable future.

→ 1999

The winter of '98-'99 is the coldest in living memory in Europe. By New Year's Eve, civilian losses pass 15 percent in most cities on the continent. But the worst is yet to come. As a result of the fighting, and the EMP pulses from nuclear strikes, communication networks and transportation routes break down. The food supply chain collapses, and Europe experiences a famine impossible to imagine only a year earlier. Africa and South America, largely spared from the war itself, are hit hard when world trade collapses. International shipping comes to a standstill and fuel prices skyrocket.

The cold winter in Europe delays the spread of disease, but with Spring comes the full force of virulent epidemics.

Typhoid fever, cholera, bubonic plague and a host of other diseases sweep across the continent, and the world. Before the end of the year, the world population is halved.

On the battlefields of Europe, soldiers now fight to survive, not to conquer. The front lines have largely disappeared, replaced by large occupied zones. Tanks begin breaking down and the supply of spare parts gradually dwindles to zero. The sophisticated artillery weapons have used up all of their ammo, and no one is capable of producing any more. Divisions which started with 20,000 men are lucky to put 2,000 in the field. The military supply lines have generally ceased to function on both sides, and the troops are forced to live off the land to survive, often sparking conflicts with the local population.

As the front lines crumble, local militias are formed by the remains of the national military forces and civilians. Some of these cooperate with the American forces, others with the Soviets, and some fight all foreign troops with equal fervor. The most organized of these militias are called the Red Brigades, taking orders directly from the Soviet military command.

In the US, the escalating conflict both at home and overseas erodes the authority of the federal government. Finally, several states officially declare independence, and even states making no such official declaration simply choose to ignore Washington from this point on.

→ 2000

At the start of the new millennium, civil rule has ceased to exist in most of Europe. Many military units remain, mostly because they have the capacity to defend themselves and to survive in the harsh conditions. Many units recruit civilians into their ranks.

In early April, word suddenly starts to trickle down the wire to the American troops in northern Europe about Operation Reset—the first major offensive to be launched by the US military in over a year. The plan is to link up the scattered remains of NATO troops in Sweden and in Poland and make a massive push to seize the two besieged capitals of Warsaw and Stockholm. The true purpose of this push toward two devastated metropolitan areas is unknown.

Despite the unclear purpose of the operation, it starts out well for the US-led forces, taking the Soviets by surprise and advancing with surprising speed. But it is not to last. After several weeks of NATO gains, the Soviet military, despite severely degraded command and supply lines back to Moscow, reacts and strikes back hard. Coordinated assaults of armor and artillery pound the NATO forces, and the offensive grinds to a halt on both sides of the Baltic.

The fighting rages for weeks. The US-led forces fight desperately against the more numerous Soviet forces, leaving both sides severely battered. In the end, the NATO divisions of Operation Reset are overrun, survivors fleeing into the woods. The final order from HQ is short and to the point:

“Good luck. You're on your own now.”

Hell, I joined up to see the world. That's what the ads on TV said. The Army recruiter, too. No one said anything about World War III. I mean, the Wall was down, right? All that stuff was over? That's what I thought. But, if there was ever a war, I wanted to be in it. I told Top how stupid that was, wanting to be in a war, and he said that was just being young and young people being that way was how politicians got armies to fight wars. I asked him how come he stayed in then? He's got to be sixty-something. Beyond mandatory retirement. He told me, "I was never young, Two-Fer, but god damn did I ever try to stay stupid."

POLAND

Fifty years. Five decades. Well within a human lifetime. That's how long Poland went without foreign powers warring for their territory, terrorizing their people, or bombing their cities. But take away another ten years in which armed partisans fought Soviet annexation. Take away the entirety of the repressive communist regime, and you're left with less than five years. Five years of hope before Poland once again became the flashpoint for another world war. We didn't even make it out of the century before we had ourselves a third world war.

Think about that.

It is July 2000, having limped into the third millennium, two great empires use their dying breaths to stab each other. The battleground is Poland. The populace is weary, the dead heaped in mass graves. Central order is a myth that died when the first nukes went off. People starve, they kill for food and shelter. The great military machines of the East and West have ground to a halt, laid down to die in someone else's cemetery.



Cantonments abound, places of relative, though military, order. Some few towns band together for mutual survival while cities like Krakow declare themselves free. But freedom is only tenable to the degree by which one can defend themselves, and the landscape where Mieszko I once ruled and converted to Christendom has returned to a medieval state. Warlords are tyrant kings, the serfs former bankers, accountants and miners now under their fickle, lunatic thumbs. The last winters were the coldest on record. Historians, the few left, compared it to the frozen tatters of Napoleon's army dying at Vilnius.

The map of Poland is a historical object, a conjuration of lines that were always, we now realize, wholly imaginary. Crude embankments protect walled cities and towns fending for themselves. Trade is rare and unreliable. The heavily forested woods of Poland once again harbor monsters, though this time not those summoned from human superstition but human desperation.

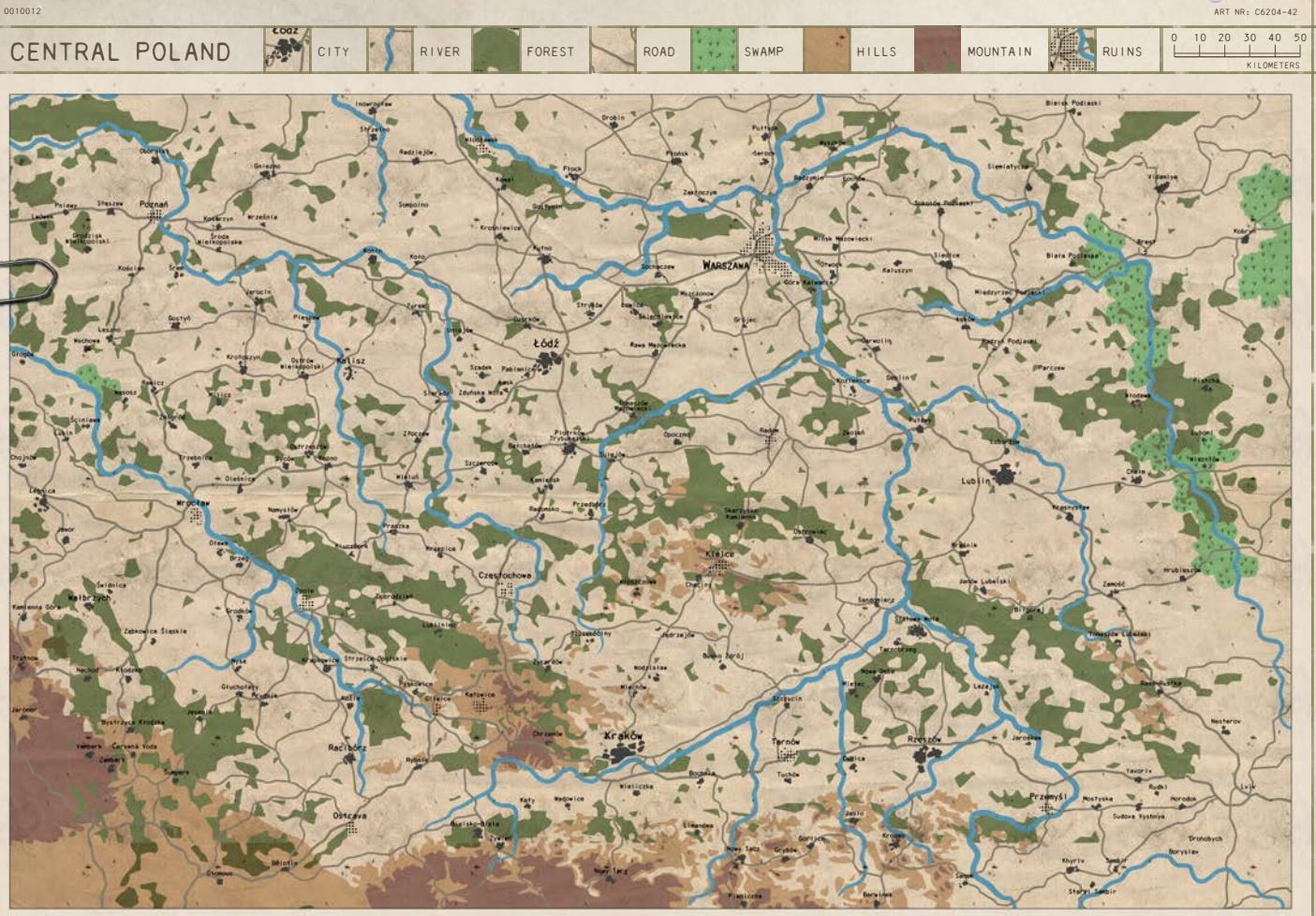
This is the year 2000, the twilight of civilization. What comes next no one knows. First, you must survive.

OVERVIEW

We paint with broad strokes now for, as we have noted, the scribbled lines on maps denoting place, and function, are but memories. Yet they serve as a general way of dividing the country for purposes of the little intelligence available to any military anymore. Before this new war, Poland was sectioned into voivodeships or provinces. While some warlords claim they still rule these areas, such as the Baron of Warsaw, the provinces retain little actual meaning.

Instead, intelligence breakdowns are typically by region with drilled-down town by town information where possible. This overview of Poland takes the former approach, using cardinal directions — one of the few things mankind still counts on — as descriptors for areas that, in reality, are rarely united in any significant way. Think of it like a pre-war map of the United States where the names of states might be the same, but no practical borders remain. In effect, there is no Poland, just as most of the countries of the world have become theories, ghosts of a time when the world was bound by borders, treaties, and an all too-brief peace.

Provinces listed under the regions are for reference only. They do not reflect the current reality of Poland at war.



CENTRAL POLAND

Strip back the rusted, burnt-out hulks of old armored vehicles, the craters from tactical nuclear strikes, the ruined cities and towns, and the landscape of Central Poland remains much the same as it would have looked to the first chieftains whose pyres are shown in a diorama at the Poznań Museum. That Poland has returned to such a primitive state is testament to the perseverance of its people. Other former nations are nothing but chaos, ethnic cleansing, and horror. By comparison, Poland still offers hints of the world before, if perhaps only to tug more cruelly at the heart.

Some of the most intense fighting of the war took place in Central Poland. As a whole, the country's flat plains historically made excellent battlefields. While the machinery of war changed, the open terrain was just as ideal for the collision of tank and infantry divisions of NATO and the USSR as it once had been for mounted cavalry and cannons. By mid-war, both sides abandoned large clusters of troops, which were easily taken out by tactical nuclear strikes and biological weapons, in favor of lighter, more mobile units fewer in number.

Perhaps this, more than anything else, left large portions of Poland free from absolute devastation. While Gdańsk was quickly obliterated in a flash of fire brighter than the sun to deny its port to the Soviets, and Warsaw's surrounding air defense facilities were destroyed by 800 kt blasts early in the war, Central Poland was subject largely to tactical nuclear strikes. By this point in the war, neither side has much left in the way of a tactical nuclear arsenal, and the last two years have been brutal battles of attrition grinding down the forces of the opposing sides.

What might be the final large engagement of the war took place near Kalisz, from which the characters emerge on their own. Soviet forces broke the 5th Division in early July, effectively ending what was a "bulge" breakthrough attempt by American-led forces much like the famed battle of the Ardennes in the Second World War. It is likely the last offensive of the war on either side.

Kalisz itself was the site of intense house-to-house combat, and the hollowed sockets of blackened windows, along with the acne-scarred facades from small-arms fire, give the town a grim character.

Most roads in central Poland took heavy damage to deny them to the enemy. Couple that with vehicles that are now reliant on alcohol for fuel, and the Wisla or Vistula River becomes the most important thoroughfare in the entire country. A small portion of it toward the North of Central Poland lies under control of Soviet forces, while the rest is plagued by pirates or ever-shifting masters such as rogue units and even those following orders from a command structure which is no longer there.

There is not a place in Central Poland unaffected directly by the war. Soldiers passed through almost all villages and towns going one way or another and, like Biblical locusts, left them stripped bare when they left. The population as whole does not want to see any large units, though they approach smaller groups on a case-by-case basis. Far too many Poles remember the atrocities of World War II and, as if it were part of some terrible curse, relive them like a real-time flashback in the later years of their lives.

Łódź was the center of an early student uprising at the end of the Soviet era and continued in that spirit against the USSR by fighting fiercely for their city. American airpower relieved a siege against the city in 1998 but, by 1999, the city was again under attack by Soviet forces looking to form a cantonment against the horrible winter of that year.

NATO forces again engaged, and the result left little for either side to claim as spoils. The NATO forces did evacuate citizens at critical times, and American forces liberated portions of the city from Soviet infantry. What is left of Łódź is favorable to Americans, but lies behind the broken line of the Soviet counterattack of 2000.

Farms were razed to the ground as in Medieval wars, though this time with biological agents that denied use of the soil for generations. This short-sighted approach leaves both militaries and citizen residents in Central Poland without food. Things are supposedly worse in Germany, but instances of cannibalism in small towns in the area present themselves as constant, spectral rumors.

SOUTHERN POLAND

The former Province of Kraków declared independence in the fall 1999 and lays claim to much of the Voivodship around the city. In practical terms, the Free Polish 6th Brigade (formerly the Polish 6th Airborne Brigade) protecting the city cannot extend its control much beyond the closest suburbs. Kraków itself saw fighting early in the war as German and American divisions pressed forward in a counterattack from the West. The city shows its scars. Slumped and broken telephone lines serve as reminders of the broken lines of communication, roads are generally in disrepair, and the horse and cart displaced the car as man works his way back down the technological evolutionary ladder.

From the ruins of Wrocław to Katowice, the roads were bombed to concrete powder, and older, two lane highways serve as the main routes between the old border with Germany and Southern Poland.

A "national independence movement" fuels nationalism in much of Southern Poland where, tired of both sides and their constant war, Polish troops have largely rejected allegiance with either side. The last American intel of any reliability indicated a concerted effort to reclaim Southern Poland would take place in or around the New Year. That came and went with only minor skirmishes breaking out in most places.

Silesia, however, is different. Here, Free Polish Forces marshaled the bulk of their power to regain some of the last arable land in the European Theater. Lower Silesia lies in lowland country, and its average temperatures are considerably higher than most of the country. For whatever reason, this region was not destroyed by either side and is now, presumably, under the control of Free Poland. Kraków, in turn, serves as a distribution point for crops grown and harvested in the South. Many groups, be they organized under a command hierarchy or turned to banditry, eye Silesia as prime territory for conquest. Like so much of Europe, it is only a matter of time before the larger war, having fragmented like a dropped mirror, splinters into smaller wars for smaller territories like Silesia that have yet to be despoiled by man.

KRAKÓW: The Free City of Kraków, a name every soldier in Poland has heard. More fairytale than truth, surely? A city with working electricity, police, a market, safety? For most American GIs, it might as well be Narnia, but that doesn't mean they aren't curious.

Like all stories, The Free City of Kraków is both more and less than its tellers communicate. It is, indeed, a free Polish city, but one where various factions vie for power in the shadows and an uneasy peace could turn into war at any moment. In many ways, the environment is like that of Cold War Berlin, only Kraków's lights do not reliably turn on, it's population is less than half the pre-war level, and espionage agents might work for local drug runners as easily as Queen and Country.

Yet it is real. A semi-functioning city in a continent seemingly devoid of the great heights it once achieved. Where Potsdamer Platz disappeared in atomic fire, where Trafalgar Square was painted with the blood of martyrs, where the Eiffel tower is a black skeletal shard against a city without lights, Krakow is something of a miracle. Whatever dangers lie within her ancient heart can surely be no worse than the open road, the deep forests, and the constant mire of disorganized war. Surely it must be better, right?

NORTHERN POLAND

In the waters off the coast of the Baltic is the wreckage of the once-mighty Western Soviet Fleet. While potent, it could not withstand the numbers of the United States Navy and never broke out of the Baltic during the war. The fractured fingers of its remains stretch from the beach out some fifteen kilometers before the whole of her disappears beneath the waves with wrecks from the century's previous two world wars.

Gdańsk was utterly devastated in a nuclear strike, as was Elbląg. The entire coast saw intense fighting as major ports were destroyed, and both sides tried to take smaller ports with conventional force. Fishing near the coast is slim, the sea depopulated by fallout and biological weapons. In the northeast of the region, a series of lakes still serves as a supply of seafood, and are viciously fought over by varying forces. The last American intelligence report had it in the hands of a warlord calling himself Bolesław, presumably after the early Polish ruler.

In the winter, the ice forms thick around the coast, effectively cutting off all fishing. The north had arable land, but climatic shifts brought on by nuclear winter deny the people even crops. In short, Northern Poland is populated with starving scarecrows who do whatever they must for their next meal. Only the few remaining military cantonments and marauding groups have any regular food, and even that isn't sufficient for thriving life.

EASTERN POLAND

Eastern Poland saw the first major Soviet advances of the war. After having invaded and secured Latvia, Estonia, and Lithuania, Soviet armored divisions pushed into Poland to stop the country's entrance into NATO. Polish forces were largely ill-equipped against such a Soviet advance, and the Russians made it to the Wisła (Vistula) before encountering organized NATO resistance. At the time, some historians opined that this advance would be seen as the real start of World War Three in Europe. Those historians no longer have a voice to opine on such matters.

WARSAW: As in World War II, Warsaw was the scene of both heroic resistance and wholesale slaughter. A Polish cardinal declared the city a sacrifice unto God in blood to anoint the new millennia and warned

that the Tribulations had begun. The whereabouts of this Cardinal are currently unknown, but few thought he overstated the case.

After years of war, the blackened Brutalist blocks of Warsaw look like burnt Legos left scattered by an angry child. Blocks upon blocks are nothing but rubble, and some of the great monuments in the city, raised again after the Second World War, are once again trod under combat boots.

For all the fighting, no side wound up in control of Warsaw. Today, in 2000, the Voivode (or Baron) of Warsaw rules the city and much of the surrounding area. Intelligence indicates this mad Voivode declared the area a new kingdom, and expelled all combatants by force. The truth is probably something less outlandish, but neither NATO nor the Russians have reliable intelligence of the current state of the city. The days of satellite and air reconnaissance are long over.

WESTERN POLAND

As the war broke out, NATO divisions rolled across the German border and into Poland to reinforce the newly independent Polish forces there. This created a strange mix of state-of-the-art Abrams tanks next to older T-55s as mechanized units pushed into Central and Northern Poland where some of the largest tank battles the world would ever see, and likely will ever see, took place.

Having taken Gdańsk early in the war, the Soviets attempted to push their gains further into Western Poland and even Germany. The frontlines moved back and forth with the turning of seasons until, sensing a stalemate and wishing to remove elements of the Soviet Navy, the United States launched a nuclear strike on Gdańsk. After that, both sides unleashed a growing number of tactical nuclear weapons on the battlefields, leaving much of Western Poland and the German border befouled by black rain and radiation. The fallout in the area varies, but won't return to pre-war levels for at least a generation.

The lines which had once been battled over so fervently are now broken, and units from either side can be found scattered about the countryside and towns.

POZNAŃ: A former center of religion, culture, and academics, Poznan students and residents were among the first to protest the coming war in the mid '90s. Their pleas for peace went unheeded, and as the tanks rolled across the Oder and into Poland, Poznań was one of the first major cities devastated by modern urban combat in Europe.

The first ruler of the Poles, Mieszko I built a fortification in Poznan around the end of the first millennium AD, and his Baptism, thus converting the various Pole tribes to Christianity, is said to have taken place here. The city is currently experiencing another religious revival, though one of apocalyptic millenarian proportions. Traditional



OPERATION RESET INTEL REPORT – POLAND

In this boxed set, you will find an intelligence report for Operation Reset in Poland. You may read it before playing the game.

Roman Catholicism still predominates, but eschatological splinter groups are increasingly common, and one can sometimes see flagellants whipping themselves along a new pilgrim trail toward what they hope is solace in the ruins of Poznan.

LEGNICA: A skyline boasting the chipped, burned spires of Piast Castle and Legnica Cathedral, this town was once a major High Medieval city of some 16,000 residents. Prior to the war, the population hit nearly a hundred thousand, but that has dropped to perhaps twice Medieval levels. The technology and standard of living inside is similar. Indeed, a man from 999 AD, transported to modern Legnica, would hardly be surprised that the end of the world had come.

The town itself retains a mixture of medieval dwellings and modern buildings, all of which have seen the boots of a millennia of soldiers march over their mud, cobblestone, and concrete roads. The population is under the control of a German-led mixed brigade of around 1,000 men and ten functioning tanks. The Germans remain under loose treaty with Free Polish forces deeper in Silesia. For now, the NATO presence is tolerated, even welcomed by some. How long that remains the case, none can say.

SWEDEN

Sweden managed to stay out of two world wars. No such luck during the third one.

One can think of Sweden's history this way. For centuries Sweden was the bully of northern Europe. Then, in the 18th century, the Swedes grew tired of burning and looting their way through central Europe, and decided to try to play nice instead. They abandoned their local superpower ambition and eventually stayed out of wars for almost 190 years. Meanwhile, they tried to convince all others that burning and looting was a pretty stupid way of solving one's disagreements. They invented loads of things and sold to the rest of the world. Telephones, refrigerators, ball bearings, IKEA. And pop music.

Sweden also had a fair sized military, with the air force being particularly huge for such a small nation. The idea was that if nice arguments could not convince

other people to avoid burning and looting, it was good to have other means of persuasion at hand.

OVERVIEW

From a demographic point of view Sweden is a huge, long country with almost its entire population living in the southern part, centered around Stockholm and Lake Mälaren, Gothenburg, and Malmö. Before the war Sweden had a population of 8.8 million and of those barely a million lived in the northern three fourths of the country.

Apart from the Scania region in the far south, Sweden is mostly granite and immense pine forests that eventually give way to birches and endless moors north of the Polar Circle. The Scandes mountain range runs along the border to Norway, peaking at a bit over 8,000 feet (2400 meters) in southern Norway. On the border towards Finland, the landscape is much flatter – bleak moors, interrupted by lakes, stretch all the way to Murmansk.

In the 1990s, the Swedish military industry was mostly known for making the futuristic-looking Strv 103 tank and world class fighters and submarines. But the country's real ace in the hole was the coastal artillery. A separate service branch, the Kustartilleri dated back to the early 1900s and was dedicated to defending Sweden's ports that mostly lay deep inside fjords and archipelagos. The coastal artillery combined massive forts firing both guns and missiles, fixed lines of mines and aggressive amphibious infantry, to make sure those archipelagos were death traps.

Another peculiar Swedish thing was the countless subterranean bunker complexes that were built in the 1950s and 60s. There were complexes for the navy, for the air force and the coastal artillery – the army joked that their role was to stand outside all the nuclear-proof shelters and cheerfully guard the entrances against other things than nukes – and of course complexes for civil defense, state media and local administrations. The government had several secret sites it could relocate to. In Stockholm, a hospital was built that had as many floors above ground as under. The idea was that the whole thing could go underground if it had to.

THE WAR

When the balloon went up in 1997, a US carrier group made its way into the Baltic and stated that the USA wanted to help Sweden defend the island of Gotland. Both sides made threatening moves and bold proclamations, shots were fired and things were pretty tense. Then the Swedes allowed the USA to land troops on Gotland, as well as in Gothenburg and Stockholm, and to base jet fighters on Swedish soil. A lot of people were surprised by how easily the Swedish air force started to cooperate with NATO – it was suspected that over the years, the Swedes had not only tried to make people play nice, but they had also made some good friends. The Soviet reaction was furious and Kryuchkov promised to punish Sweden for what he called a treachery – but the truth was that neither the Soviets nor Sweden had ever thought of each other as potential allies.

Now that the Swedes knew that the Soviets might be coming, they looked over all the scenarios that had been discussed for the past 50 years. As it turned out, the Soviets carried out the invasion of Sweden almost exactly in the way the Swedish Armed Forces had been preparing for since Arlanda Airport was built north of Stockholm – an assault by

the 76th Guards Airborne division on the airport, combined with a landing at Vädö on the coast by the 336th Guards Naval Infantry Brigade. Supported by massive airstrikes, the Soviets came ashore and managed to capture a beachhead. In the chaos, a minor Soviet marine detachment also managed to capture the industrial port of Oxelösund further south. And while the landing north of Stockholm, fought the Swedish army to a bloody stalemate, the landing at Oxelösund was, according to the Soviet doctrine of reinforcing success, reinforced with troops initially meant for the battle north of Stockholm. Nearby Nyköping and Norrköping fell and Soviet tanks ran riot over the East Gothland province until contained by Swedish and US units coming from Gothenburg.

If the Soviet attack on south Sweden came in pretty much as planned, the attack across the Finnish border was the biggest surprise of the brief war. The entire Swedish planning there was based on the pretty obvious reasoning that roads are few and far between in Norrland and the endless moors in between these few roads would be impassable to Soviet tanks. As it turned

out, the Soviet MBTs were light and wide-tracked enough to traverse the moors without much difficulty. And what was worse, they had a vast array of tracked support vehicles with them that allowed far deeper attacks than anyone thought possible.

Chaos broke out among the defenders while the Soviets pressed on, literally running on fumes. The problem was the usual one. "When you're in someone's rear he is also in your rear." The Swedish forces might have been cut off, but they stayed in place and the whole situation turned into a siege and a starving match.

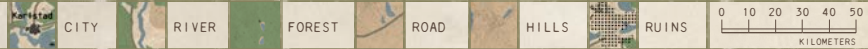
The fighting died down with the Soviets holding a big chunk of the north, the Swedish east coast south of Stockholm, as well as Uppland north of the capital. Central Stockholm was still in Swedish and American hands, but the seat of government had moved west. Things stayed like that throughout the fall and winter, with the only operations involving a Soviet commander referred to as "the Admiral" slowly managing to push Soviets positions forward south of Stockholm.

When the US began the nuclear exchange of 1998, Sweden was initially spared. Both sides seemed to have forgotten to target the country, as the last naval forces in the Baltic Sea shot each other to pieces and left the Soviets in Sweden stranded. Then, almost as an afterthought, the industrial city of Jönköping was hit, thought it was unclear by who

0010012

ART NR: C6204-42

CENTRAL SWEDEN



PRINTED COPIES: 6 000

MILITARY MAP. Not approved for general distribution

as the Swedish-Soviet frontline ran straight through the city. In the following months the odd missile came down, with Stockholm and Gothenburg being hit by multiple Soviet strikes. The nukes caused massive damage to the Swedish infrastructure and food riots became common.

THE DEATH OF EVERYTHING

The first winter after the big wheels stopped turning made it very clear that without electricity, central heating and trucks to deliver groceries to the grocery store, Sweden was not built for close to 9,000,000 people. On top of that, the winter of '98-'99 was horrible and brought sub-zero temperatures for three months in most of the country, and -40 degrees Celsius for weeks in the north. The cold restored the natural balance, so to speak. And it did not take sides. It killed anyone. Soviet or American. Native or invader. Military or civilian.

There were no censuses in the spring, because there was not much of a government left to carry one out. But it is a fair estimate that two out of three people died. Even the bunkers built for government and military officials had become death-traps of cold and starvation. When the government disappeared, they also added to the chaos, because some officials had powerful transmitters that just about anyone could use and claim to be in charge of things. In the spring of '99 there were five transmitters around Lake Mälaren, each claiming to be the government of Sweden.

While Sweden as a state had disintegrated, the US kept on reinforcing its hold on the Swedish west coast, sending newly drafted formations and even allied units. Meanwhile, the Soviets consolidated their position in the east.

In the spring of 2000, the US launched the Operation Reset offensives, and in Sweden a mix of Swedish and US units set out for Stockholm. The force pressed on northeast, slowly running out of fuel and ammunition, at the same time losing contact with higher command. Was there still a higher command? The Soviet task forces that came rushing to meet the Swedish and US troops had exactly the same problem. Supplies were running dangerously low, as was faith in the increasingly silent command. Battle was joined near Töreboda and the forces there fought each other to a standstill.

Until both sides disintegrated.

TODAY

Today Sweden is an area the size of France not ruled, but rather inhabited, by various armed bands. Especially in the north there are very few people at all.

THE WEST COAST

Gothenburg was Sweden's busiest port and Stockholm's little brother, a working class city of shipyards and fishermen. Of course the city was not spared from the nukes, so when the USA started to beef up its presence in 1999 other smaller ports were used. There are still several small American enclaves along the coast.

HERRING HOME: Around the ports of Stenungsund and Lysekil north of Gothenburg, the Quartermaster of US Forces Sweden (QUFS) rules under a rather mild martial law enforced by one Swedish and one US Military Police platoon. The area has so far survived on tons of US MREs and the herring the local fishermen have been catching, but now there is mostly herring left.

SOUTH SWEDEN

Scania, Sweden's southernmost province, used to be the agricultural heartland of Sweden. It was laid to waste in the fall of 1998, when armed mobs from Scania's cities went out into the countryside to get the food they believed the farmers were hoarding for themselves.

Further east lies the town of Karlskrona that has been the heart of the Swedish Navy since the 17th century. Hidden in a vast archipelago and protected by the coastal artillery, Karlskrona base managed to survive both air strikes and sabotages and was not hit by nuclear weapons. A few small nearby towns like Karlshamn, Ronneby and Torsås were obliterated by massive attacks, though.

THE LOST DIVISION: The Swedish 13th armored division was tasked with defending Scania in the south of Sweden, but when the Soviet invasion hit the east coast, the division and many other units all moved north through the heavily wooded Småland province to fight the invaders. The division has not been heard from since and rumors have it that deep in the forests there is row upon row of military hardware lined up along the roads just waiting for more fuel.

KARLSKRONA BASE AND TOWN: This enclave is run by a mixed civilian and military council, fond of public floggings and collectivization. It uses a few sailing boats to patrol the archipelago. The base's leadership has ambitions of establishing control over larger areas and has a reputation for being rather unforgiving when it comes to opposition.

GÖTALAND

This area of industry and agriculture became the most fought over piece of real estate in Sweden after Stockholm, mostly due to the skilled operations of the Soviet commander Vladimir Yegorov, known as "the Admiral," who displayed a spectacular ability to get the most out of his worn out formations in the east.

Next to lake Vättern lies the massive Karlsborg Fortress. Completed in 1909 after 90 years of construction, it was obsolete even before World War I. Even so it has been used by the army ever since, and has hosted among other things a ranger regiment and paratroopers (which in Sweden served more as a long range recon unit than assault troops.)

THE KINGDOM OF KARLSBORG: This self-declared "kingdom" is led by a count and relative to the Swedish royal house of Bernadotte, who claims to be the rightful heir to the throne and has taken the royal name King Karl XV Johan. Karlsborg Fortress is protected by the remains of the Life Regiment Hussars, a Swedish elite regiment which hails back to the 16th century. The fortress walls are lined with heavy machine guns salvaged from wrecked IFVs.

THE KINGDOM OF NORWAY: The Kingdom of Karlsborg is in contact with a similar Norwegian enclave centered on

the old Norwegian border fortress of Halden. It seems to be occupied by troops from the HMKG battalion tasked with guarding the King of Norway, but it is not known if the king is there.

THE ADMIRAL'S HOLDINGS: The Soviet landing at Oxelösund and the following spectacular operation in the east was very much the work of Vladimir Yegorov, known as the "The Admiral." Through sheer force of will, he still holds his command together and still controls an entire Swedish province. His skill at organizing farming and famine relief has even made him popular with the locals.

BERGSLAGEN

Bergslagen, west of Lake Mälaren, is Sweden's old pre-industrial heart of mines and furnaces. Once, the yeomen of Bergslagen was a powerful force when Sweden's king was elected, and in later years it has been an industrial powerhouse making everything from Bofors howitzers to Hagström electric guitars.

It was to Bergslagen that the Swedish government was evacuated. There was a designated bunker complex for the government near Eskilstuna, at the western end of Lake Mälaren, but it was never used. Instead, ministers and officials seem to have been transported to somewhere further up in Bergslagen. What happened to them is a mystery, and Swedes joked that the country didn't even notice its government disappearing.

THE DALCARLS: The people of Dalarna Province have always regarded themselves as Swedes by choice, and without any central government things have gone back to the province being run from the small town of Falun. The area is protected by the now company-sized Dal Regiment, one of the world's oldest military formations still around.

SVEALAND

The area around Lake Mälaren with the capital of Stockholm in the east was the heartland of Sweden. One in every four Swedes lived in or around the capital. The area was hit hard by the Soviet attacks north of Stockholm.

THE SOVIET ENCLAVE: North of Stockholm, Soviet units still maintain at least nominal control. The Group of Soviet Forces, Uppland (GSFU) has evacuated the now defunct Arlanda Airport, and concentrated its forces closer to the coast, using the small town of Norrtälje as the capital of what has been declared a new part of the Soviet Union. The enclave sports, among other units, a paratrooper cavalry platoon.

THE CHURCH OF THE BRIDE OF CHRIST: At Älvkarleby on the Dal River, refugees from Norrland gathered all through the winter of '98. Now, they have been organized into a militia by a group of heavily armed Christian free thinkers that believe they have a holy mission to fulfill.

THE STOCKHOLM ENCLAVE: The Swedish government evacuated Stockholm before even the Americans arrived. Soviet landings reached as close as 25 kilometers from the city center before running out of steam. The nukes next year missed the city center, but caused chaos in the suburbs. The damaged aircraft carrier USS Harry S. Truman still lays at anchor just east of Stockholm and is a mix of Swedish and US troops desperately holding on to the ruins.

THE MYSTERY OF GOTLAND

The island of Gotland is the largest island in the Baltic. It has been Swedish since 1645, but has kept its own unique identity. Before the war it housed a substantial Swedish Garrison centered around a mechanized brigade and some coastal artillery units. In 1997, the garrison was further reinforced by US Marine Corps ADA/SAM units.

The Soviets attacked the Swedish mainland, and what happened to the garrison on Gotland is still a mystery. According to some rumors, the island was ignored by the Soviets others say that there was a Soviet landing that might have been defeated. Or not. Yet other rumors claim that the entire island was plastered with nukes. Some even say the radiation made the whole island disintegrate. No one knows if anyone is still out there. Some more imaginative folk even claim that the island is now defended by goblins and trolls riding tanks.

UP NORTH

The Dal River separates southern Sweden from the north, or Norrland, which covers three quarters of the country. This vast and even before the war sparsely populated area of forests and moors is now pretty much deserted.

In 1997, the battle for the north had degenerated into a starving match, and the surviving Soviet units eventually migrated southwards followed by what was left of the Swedish army. A few formations found their way into northern Norway to find even worse conditions.

BODEN OF THE DEAD: The fortress of Boden was the massive centerpiece of Norrland's defense. It was visible from space and its guns dominated all roads leading from Finland into Sweden. But as anything else so massive, it could be nuked, and so it was. There are rumors that there are still people living underground in the fortress and that they have food that will last for decades.

NEW SÁPMI: The nomadic Sami indigenous people, that have been herding reindeer in northern Scandinavia for millennia, survived the first winter in good shape. Those of them that still herded reindeer avoided starvation. Now, armed to the teeth with weapons looted from the wreckage of the Soviet invasion, the Sami once again rule in northern, inland Scandinavia.

OTHER COUNTRIES

Poland and Sweden are the main settings of this game, but you can certainly set your campaign elsewhere—why not in your home country? Below, brief descriptions follow for a few major countries in the year 2000.

GERMANY

“The federal structure of Germany has allowed the country to remain functional even in such times of crisis.”—this statement, issued by the Bavarian Prime Minister Leopold Gruber shortly before the T-80s of the 1st Guards Tank Army rolled across the Czech-German border, is still the official view and dogma. The term “headless republic” is by far more common ...

Germany, in the early 90s firmly in the hold of unification euphoria, dreams of neutrality and long-held anti-war and anti-American sentiments, was slow to mobilize, having mothballed large parts of their armored ground forces and disbanded most of the former East German NVA units. German troops were not ordered into Poland in 1997 but held as a reserve, while the German Navy, supplementing Task Force Truman, kept the Soviet Baltic Fleet from breaking through to the North Sea. Interceptors of the Luftwaffe had their first duels with Soviet fighter-bombers during the first air raids on NATO installations and participated in retaliatory strikes against Soviet targets in Poland, Czechoslovakia and the occupied Baltic states later that year and in early 1998.

In a bold move to knock Germany out of the NATO war effort during the first nuclear exchange, a Soviet Kh-55 cruise missile hit the German government bunker (AdVB for Ausweichsitz der Verfassungsorgane des Bundes, “Emergency Seat of the Federal Constitutional Organs for the State of Crisis or State of Defense to Maintain their Ability to Function”) in the Ahr valley in the

westernmost part of Germany, thought to be safe from nuclear attack. It wasn't, as the 200-kiloton explosion proved immediately.

For the remainder of the year, the country struggled to keep its organizational cohesion as it shifted its executive functions to the Länder (state) governments and the Wehrbereichskommandos (military regional commands). With the armored and mechanized divisions fully integrated in the NATO command structure and deployed to Brandenburg, eastern Poland, the “Fulda Gap” and western Bavaria, only the Heimatschutzbrigaden (home defense brigades) of the Territorialheer (territorial army) remained in the rearward areas of the frontline, with parts of western Germany almost demilitarized—either they were nuked or are “in Poland” (which includes Brandenburg, Thuringia and Hesse, and even the NATO areas of Sweden).

There are regions in rural (western) Germany that still look serene and peaceful, almost like the war ignored them completely, but even there famine and plague have taken their toll, leaving entire villages depopulated. (And even there you just have to walk a few kilometers to find an area of flattened and burned woods where a munitions depot or anti-aircraft position was located.) Some smaller areas—like Emsland or Allgäu—even maintain power and railway lines and some lesser affected villages have taken up farming again.

But most of the country wasn't so lucky. The first Soviet air strikes in '97 hit forward NATO installations in central Germany and along the Baltic coast and were, to an extent, “surgical,” taking out radar stations, airfields, railway hubs and port facilities. But the exchange of mostly-tactical nuclear missiles and artillery shells hit the country with full force. At first they were aimed solely at military targets, but in the densely populated country they were devastating for the civilian populace as well, leaving tens of thousands dead and wounded. Most targets were in the west and southwest of Germany where the NATO air bases, barracks and training grounds lay, but as the missile exchange escalated, ports along the North Sea coast, industrial centers in the Ruhr and Rhine-Main-Neckar regions and bridges across all major rivers were hit as well.

With the central government gone, most power lines damaged by the EMPs of nearby nuclear explosions, the strategic reserves of fuel depleted, the railway and highway systems destroyed in most places and large parts of the harvest contaminated, the cold winter struck hard, as did the outbreaks of cholera. The millions of dead from the bombings, famine and plague were left unburied, and many survivors fled to France and on to Spain, as long as the borders were open (the Swiss and Austrians had closed theirs in the early days of the war).

The most devastated areas in western Germany are those with the highest presence of US forces—the region between Fulda, Kaiserslautern, Mannheim and Schweinfurt is a wasteland with only small pockets of habitation. There are no intact bridges over the Rhine between (French) Strasbourg and (Dutch) Arnhem, and French troops have moved into the Saar, Palatinate and Hunsrück regions and instituted a “safe zone” for refugees (thus keeping them away from the French heartland), “working closely together” with the German state governments.

In the north and northeast were the main staging areas for the armored divisions, and thus there are some radioactive tank graveyards, along with a ship graveyard where once was the port of Hamburg. Berlin was only hit by one smaller nuke trying to take out the US command structure, but there were multiple air raids and shellings with rocket artillery, driving the remaining civilians, among them many refugees from Poland and the Baltic states, underground.

OPERATION RESET INTEL REPORT - SWEDEN

In this boxed set, you will also find an intelligence report for Operation Reset in Sweden.

The situation is even more dire in the occupied parts of Germany – roughly bordered by the Schwarze Elster, Elbe, Saale, and Danube rivers and the Main-Danube canal – all occupied in the Soviet autumn offensive of '98. Neither the local puppet governments put up by the occupying forces nor the Soviet army HQs were capable of supplying the populace during the famine and the following Cholera outbreak, so thousands of survivors fled to the west, almost entirely depopulating the region.

The mountainous regions along the Czech-German border with their dense forests are literally swarming with Czech, German and (in the east) Polish resistance fighters, making the hold of the Soviet forces on Franconia and southern Saxony tenuous at best. The “resistance” isn't particularly organized, ranging from looters and criminals to remnants of military formations from both sides of the border (and often they are both at the same time).

The foothills of the Upper Palatinate, namely the approaches to Nuremberg and Regensburg, and the area south of Leipzig is pockmarked by radioactive wastelands, the city of Nuremberg and its environs itself turned into rubble by week-long fighting. The cities in Saxony were mostly spared from this fate, being overrun in the first surprise attack.

FRANCE

As a founding member of NATO and one of the two nuclear powers in Europe, France became involved in the conflict early, quickly sending its military forces on the eastern front to protect its allies. With the largest standing army in Europe, French troops participated in all major engagements of '97, paying a heavy toll to stop the Soviet army, with few positive results.

In 1998, US troops were allowed, if not invited, to use the French coast to create a logistical lifeline for the winter offensive planned by President West. Memories of D-Day reappeared as most of the French Atlantic harbors were turned into military complexes, allowing thousands of ships to disembark US troops, where they were to regroup before advancing to the eastern front. The Channel and the Normandy region were turned into an immense military hub, while at sea, the war raged on between US, British, and French navies against the Soviet forces. Everything changed around Christmas '98, when Russian submarines launched a surprise nuclear attack on Normandy to break the supply chain and cut the NATO troops off from their rear lines. When the nuclear fires dimmed, nearly a quarter of the French population was dead and the French road into Europe destroyed.

Come early '99, the north-west of France was a nuclear wasteland, while the sky in Paris contained the thick ash of fallout. The government was hesitant to unleash its nuclear arsenal, for fear of a Russian retaliation. Contact was established with Kryuchkov, who promised that the USSR wasn't targeting France, but US troops. The following day, the French President announced that France would not retaliate, pro-

voking major riots throughout the country. In reaction, a group of generals, the Three Consuls, instigated a coup and overturned the government, seizing Paris and other major cities.

The newly founded military government quickly decided to evacuate the capital to the south of France, where the nuclear arsenal was still secure, while seizing all NATO military compounds and installations to equip the regrouping French military forces. Most of the population was forced to flee into refugee camps throughout the south of the country. Paris was left abandoned as the nuclear winter slowly covered the country's north, destroying what was known as the granary of Europe, and cutting France in half.

The French military government moved the capital of France to the city of Bordeaux and proceeded to divide the south into three military districts. The land itself was untouched by the war, and only the millions of refugees remind everyone of the situation. However, the wind, when coming from the north, brings the smell of death and rot from the lost part of France.

The population now lives under military pressure, which controls everyday life, forcing the people to work in state-requisitioned factories and farms. With tons of equipment left by US troops, the military government tries to maintain an economy but instead of the Euro program due for 1999, launched its own currency: the franc-consul. However, this new currency was a swift failure, and prices soared leaving the population unable to buy anything in the state stores, where only empty shelves awaited them. The people today are forced to barter in order to survive, while the military tries to maintain a semblance of normalcy.

The French military still has its teeth, and might be the only standing army left in Europe. But with no communication and no news from its allies, paranoia grows in the higher military echelons and between districts fearing a Soviet invasion. For now, the government keeps its coastline under the surveillance of the last three French nuclear submarines and tries to reorganize its remaining troops into an effective combat force, which should give them the strength to fight back and expand its territory... if they can survive long enough to do so.

UNITED KINGDOM

1997 saw British troops fighting for the liberation of Poland for the second time this century, the RAF fighting Soviet planes in a new Battle of Britain, and the arrival of the new Armada, as the Soviet Northern Fleet steamed into the North Sea. 1998 saw the nukes, leaving 25 million dead, before the Soviet invasion.

The out-matched British were not going down without a fight. Using the Fabian strategy, they ambushed in the countryside, and booby-trapped the cities. But all was lost, and British resistance started to flag. Then came the desperate last assault of the ragtag Home Guard in central London. The “Charge of the Trafalgar Square Martyrs,” as it became known, was taken up as a rallying cry. It was Britain's Tet Offensive moment: resistance was renewed, the exhausted Soviets were stunned, and the war was fought to a standstill.

It was about that time that everyone realized there was no war left to fight. Only a few isolated places were left unscathed, the rest of the country was a devastated travesty. London and the south-east were shattered, the Black Country a blackened wasteland, the industrial north and Wales now dark and silent. And they said the Queen was dead.

The year 2000 dawns on a shattered island all but isolated from the rest of the world. Scraps of food are fought over, clean water is a memory and even short distance travel can get a person killed. The Survivors fall back on

what is left – farming, fishing, scavenging, stealing and jury-rigging what they need. But some see this new world as an opportunity and old tribal loyalties gather support from those with nothing left to lose.

In Scotland, the Scottish National Party takes up arms to prevent the Scottish National Liberation Army, a gang of thugs, from taking control of the country. In Wales, the Sons of Glyndŵr and Plaid Cymru are fighting a similar battle for supremacy, complicated by the marauding so-called Army of the Welsh Republic. Many flee to the hills and highlands to escape, only to find starvation, disease and hostile locals determined to protect themselves.

In Northern Ireland, the IRA leads a nationalist purge against the unionists. The unionists, with no hope of help from the mainland, desperately hold the north and east, while the nationalists hold the IRA border heartlands, and hint at support from the Republic of Ireland.

In the south-west Cornish nationalists have sensed their moment. Under the banner of St Piran's Defenders they are blockading the roads and have declared Cornwall's independence.

In the north, the ravages of the war are less keenly felt and there is still much workable farmland, if only anyone were organized enough to farm it. Some rural communities are banding together, to unite their villages in mutual defense against marauding bands or desperate refugees.

And there are the remnants of three pre-war militaries – the British Army and Home Guard are trying to bring stability but are cut off from the government and woefully low on supplies, the American Legion, formed from the remains of the US detachment, gathers its strength, and the scattered survivors of the Soviet 7th Guards Air Assault Division dig in to positions where they find themselves – stranded without hope of getting home, they wait like a wounded bear, patient and unpredictable.

But what of the government? The Queen is dead but long live King Charles III. Hidden in the bunker called Region Six, near Reading, the King and his ministers control the Thames Valley west of the ruin that was London. UK Special Forces remain loyal, but they are scattered and are trying to rally at Stirling Lines in Herefordshire. If HMG is to have any hope of bringing order they must link up with the Army, and bring in the American Legion too, before the Soviets make their move.

AMERICA

The United States did not suffer the mass conventional battles of Europe yet it's descent into chaos and deprivation was only slightly slower, coming from nuclear strikes and the breakdown of society. The old system of democratic rule fractured along two primary lines of government – an emergency military junta, and the original civilian government. The vast majority of Americans fall under the aegis of neither. Instead, vast stretches of this huge country are under control be it from former elected authorities, militias, communal-based councils, and other, darker experiments in applied "democracy."

Many in positions of power felt the United States could survive a conflict with the Soviets intact. They were wrong. As the nuclear missiles and EMP strikes took out the grid and infrastructure, democracy revealed its fragility in the face of desperation. Survival became paramount. While many Americans still cling to the old ideas of freedom and participatory government, the reality on the ground is quite different. Put simply: America realized it was no better prepared for the breakdown of civilization than anywhere else. For all its technological advances and aspirational ideals – humanity's attempt at suicide brought the superpower low.

When the missiles struck, hospitals were quickly overwhelmed. Critical supplies did not find their way to store shelves and the military, largely de-

ployed in Europe, was not there to provide enough emergency logistics. What's more, carefully crafted plans for just such a situation fell apart as an internecine battle between the military and the civilian government made it unclear who was in charge. What resources there were became suddenly halved as both sides vied for them and getting the much-needed relief to the people took a back seat to jockeying for power.

FEMA found the sheer level of nuclear destruction impossible to address nationally and local authorities quickly stepped in to fill the role of an absent central command structure – for good or ill. America had depended on an intricate network of transportation in which food and other necessities typically traveled many hundreds of miles to reach a local store shelf. Now, no such transportation was possible, and people began to starve. Modernity brought America many boons but being suddenly thrust into a darker age left the country flat-footed.

Now, the military and the government attempt to rebuild the old networks of supply and communication, but many communities have moved on, trusting neither. Those who do ally with one side or another do their best to form some portion of the formerly coherent US of A, but any hope of the states again becoming united lies some long way into an uncertain future. It was said of America before the war that "all politics is local." That could not be truer now. Most people know little of what goes on outside a 100-mile radius of where they live. Ham radios relay news, but not all of it is reliable. The airwaves fill with would-be messiahs, familiar political promises and, sometimes, generally useful, and true information.

But what happens on the East Coast matters little to the Midwest now. America is simply not united. Though many dream it will be whole again someday, for now filling their bellies and protecting those they love are their primary concerns. What might emerge from the wreckage is up to the people, as perhaps it always should have been. For it was not the people that led America and the USSR to war, but those in charge who put ideology over reason.

THE REST OF THE WORLD

When the two superpowers went to war, even those nations far removed from their struggle, or who at least wished to be, were drawn into the whirlwind. Virtually no nation escaped the war. While not all saw battle or bombs, the collapse of civilization shook the entirety of the Earth. From South America to Africa, Australia to Japan, the scaffolding which supported society fell like a house of cards. We must speak in broad terms here, for the world is large. The war centered itself in Europe, but battles raged across the globe. Those countries who saw no direct conflict still suffered from fallout, from the end of the global trade network, and the altered climate created by nuclear winter. Human civilization is all but gone in most places. We didn't end all life, but we may as well have.