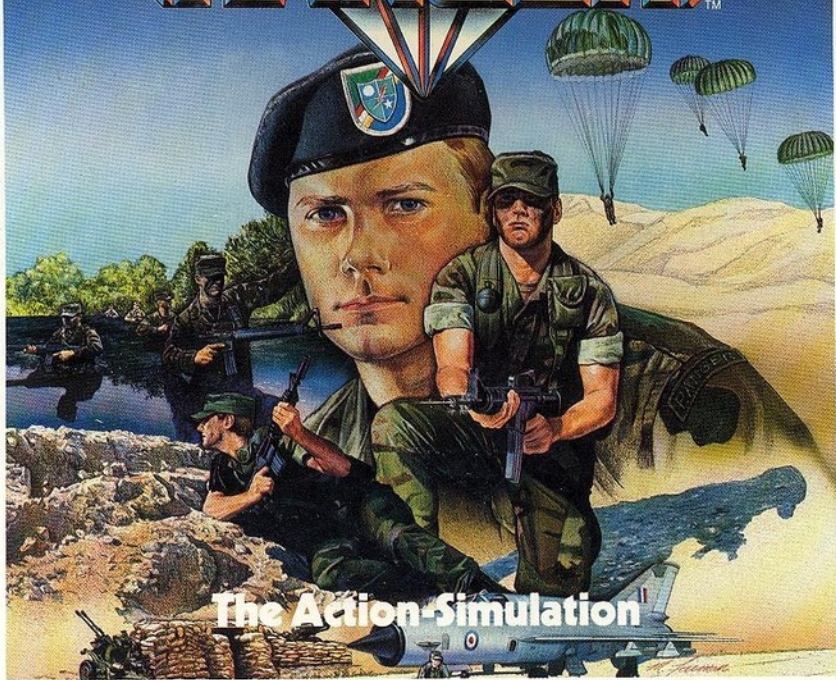


**Danger And Suspense Behind
Enemy Lines**

COMMODORE
64/128K
CASSETTE

AIRBORNE RANGER™



MICRO PROSE

SIMULATION • SOFTWARE



The Action-Simulation

ARCO PROSE

SIMULATION • SOFTWARE

AIRBORNE RANGER

Another Simulation From The Creators of F-15 Strike Eagle and Gunship



You are a member of the elite corps selected for your courage, ingenuity and special skills to go on the most dangerous missions. Parachute behind enemy lines armed only with a machine gun and hand grenades.

Airborne Ranger is a fast-paced action-simulation that challenges your strategic skills and reflexes. Control one soldier's battle against overwhelming odds. You can run, walk or crawl across full-scrolling 3-D terrain using trees, bushes and ravines to avoid the enemy or set up an ambush.

Whether rescuing hostages from a terrorist prison or infiltrating the headquarters of an enemy unit, every mission takes careful planning and pinpoint execution. Drop caches of weapons and first aid supplies, outmanoeuvre the enemy, then locate the pickup zone in order to reach safety. Airborne Ranger is an exciting combination of action, danger and suspense.

AIRBORNE RANGER FEATURES

- Simulation of action behind enemy lines
- 12 exciting missions
- Full-scrolling 3-D graphics
- Various terrains to encounter
- Multiple enemy threats
- Modern weaponry
- Comprehensive documentation
- Endless hours of constructive entertainment

SCREEN SHOTS MAY VARY

©1987 by MicroProse Software, Inc. Copyright is claimed on the text and graphics for the design of this packaging, and the manual and computer software contained herein. ALL RIGHTS RESERVED.

Commodore 64, Amiga™, Atari and 520ST, Apple, IBM, Tandy, Amstrad, Amstrad C.P.C., Spectrum and Spectrum Plus are registered trademarks of Commodore Electronics Ltd., Commodore-amiga Inc., Atari Inc., Apple Computer Inc., International Business Machines Inc., Tandy Corp., and Amstrad Computers, respectively.

MICRO PROSE
SIMULATION • SOFTWARE



Call
Pick up



5
Seconds

5

Map



Run Stop

MICRO PROSE
SIMULATION • SOFTWARE



Time Bomb

10
Seconds

15
Seconds

6

7



Crawl/
Upright
Space Bar





TM

C64/128 Control



First
Aid

Inst Del



Run/
Walk
Crsr



Weapons



F1 Carbine



F3 Hand
Grenade



F5 Law
Rocket

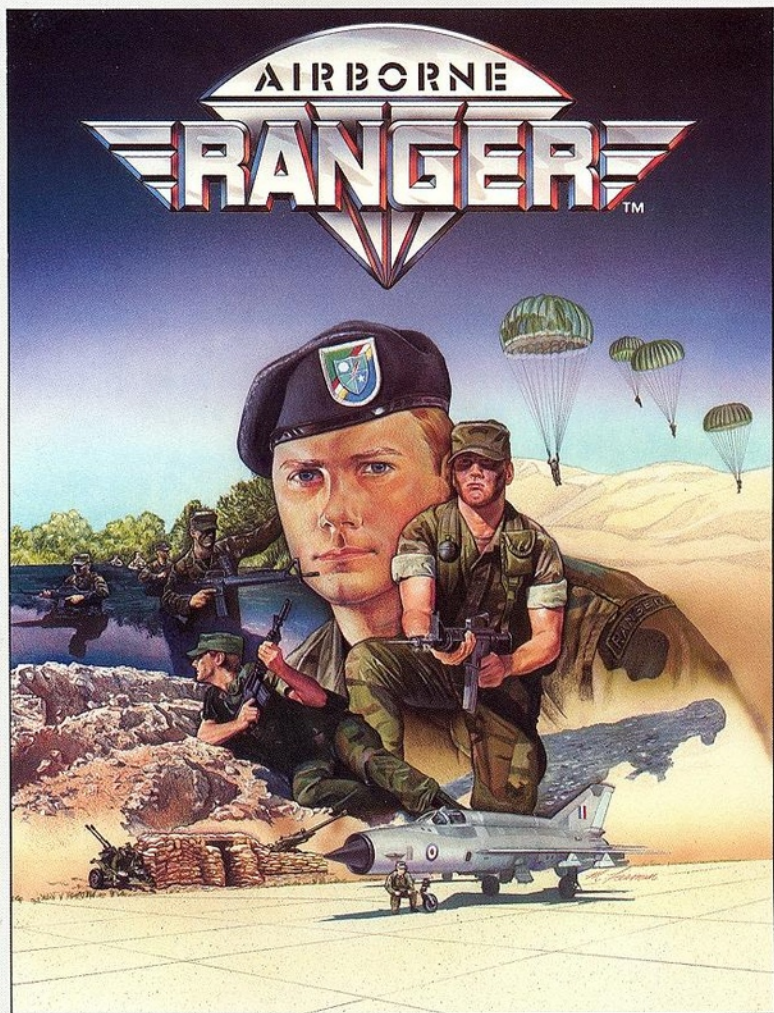


F7 Knife

Break apart for C128 only

TECHNICAL
ORDER NO: **FM75-041**

SEPTEMBER 1987
CHANGE 0



FIELD MANUAL

AIRBORNE RANGER™

Modern Combat Behind Enemy Lines



Field Manual
Change 0, September 1987

Copyright © 1987
MicroProse Software, Inc.
180 Lakefront Drive, Hunt Valley, MD 21030
(301) 771-1151

Airborne Ranger is a trademark of MicroProse Software, Inc.

CONTENTS

- 1 **Introduction**
- 2 **How to Play Without Reading the Manual**

PART I: COMBAT BEHIND ENEMY LINES

- 3 Ranger Assignment
- 4 Mission Selection
- 4 Fatigue Test - Campaign Ribbon Recognition

AIRDROP TO THE MISSION ZONE

- 6 Osprey Control
- 6 Supply Pods
- 6 Jump Into Danger

COMBAT SCREEN

- 6 Combat Indicators

RANGER MOVEMENT

- 8 Direction
- 8 Changing Movement Speeds
- 8 Walking
- 8 Running
- 9 Crawling

WEAPON USE

- 10 Aiming
- 10 Carbine
- 10 Hand Grenade
- 11 LAW Rocket
- 11 Knife
- 11 Time Bomb

WOUNDS AND FIRST AID

- 11 Wounds
- 12 First Aid

MAP VIEW

- 12 Using the Map
- 13 Map Symbols
- 14 Map View Indicators

COMPLETING THE MISSION

- 14 Mission Goals
- 14 Countdown
- 15 Recall
- 15 Capture

MISSION BRIEFINGS

- 15 Destroy a Munitions Depot
- 16 Steal a Code Book
- 17 Disable Enemy Aircraft
- 18 Capture an Enemy Officer
- 18 Cut a Pipeline
- 19 Knock Out Enemy Radar Array
- 19 Disable a SAM Site
- 20 Liberate a P.O.W. Camp
- 21 Photograph a Secret Experimental Aircraft
- 22 Free the Hostages
- 22 Create a Diversion
- 23 Delayed Sabotage

AFTER THE MISSION

- 24 Promotions
- 24 Commendations and Medals

PART II: AIRBORNE RANGERS

- 25 Standing Orders, Rogers' Rangers, 1759
- 26 History of the Rangers
- 32 Ranger Training
- 36 Weapons and Equipment
- 38 Designers' Notes

CREDITS

Original Concept:

Bill Stealey

Game Design and Documentation:

Lawrence Schick

Original Software Development (C-64):

Scott Spanburg

Computer Graphics and Animation:

Iris Leigh Idokogi

Sound Effects and Music:

Ken Lagace

Print Creative Director:

Mark J. Ciola

Cover and Manual Illustrations:

Mark Freeman

Layout Design:

John Emory

Print Graphics:

Murray Taylor

Quality Assurance:

Alan Roireau

Playtesting:

Alan Roireau, Bill Stealey, Larry Martin, Steve Meyer,
Chris Taormino, Noah Callahan-Bever, Ed Bever, Silas Warner

Special Thanks To:

Rich McDowell, Public Affairs Office, Fort Benning

Introduction: "Rangers, Lead the Way!"

THE ELITE UNIT has always captured the imagination of both soldier and civilian. Units such as the Rangers are the point men of the armed forces, the cutting edge, and they fascinate us to an extent out of proportion to their numbers. We envy them their sharp, distinctive appearance, their high status, their *esprit de corps*, and most of all their awesome skill in their chosen profession. They have an aura of competence that is at once reassuring and intimidating, as if they will admit no limits to what they can achieve. This unshakeable confidence would seem preposterous if it had not been borne out time and again by events on and off the battlefield. The really are as good as they think they are.

Throughout history, when the need was there for a special unit to perform extremely difficult and hazardous missions, the United States has called on its soldiers to form a unit of Rangers. And every time the volunteers have stepped forward – from throughout the Army, the toughest, the smartest and the most dedicated come forth to join the Rangers. They know that a soldier qualified to wear the small embroidered tab that says "RANGER" is a soldier who has proven himself in one of the most rugged and rigorous training courses in the world. They've suffered the worst that man and nature can throw at them and come out hardened, tempered. They are the best of the best.

And they better be, for they are often called upon to do the seemingly impossible. Need an impregnable shore fortification taken out in advance of a landing? Need supply lines cut behind enemy lines? A lightning strike to liberate a prison camp? A low altitude combat drop on an enemy airfield? Call the Rangers. They will do the job, if it can be done.

Airborne Ranger gives you a taste of what it's like to be an elite soldier on a hazardous mission. Behind enemy lines, cut off from friends and allies, you have nothing to depend on but stealth, quick wits, combat skill and guts. You're surrounded, outnumbered and outgunned, your enemies are dangerous and dedicated, but others are counting on you to complete your mission. You have surprise on your side, and a creed that won't admit of failure. Ranger, lead the way!

HOW TO PLAY WITHOUT READING THE MANUAL

This "quick start" is for players who prefer to learn by experimentation. To fully understand the game, you'll want to read the appropriate sections of this manual, but to get started in a hurry, just follow these instructions.

- **Loading:** See Loading section of the Technical Supplement.
- **Ranger Assignment Screen:** Press your controller button to select Assign a Practice Ranger.
- **Mission Selection Screen:** Press the button to select **MISSION 1: DESTROY A MUNITIONS DEPOT**. Next is the Difficulty Level bar, which is already set on the easiest level. Press the controller button again to **CONTINUE**.
- **Campaign Ribbon Recognition:** The next screen to appear will ask you to identify a campaign ribbon. You will notice that there are ribbons with identifying names at the bottom of many pages in this manual. Find the name in the manual that matches the name on the screen, then use the *controller* to move the pointer to the matching ribbon. Press the controller button to select.
- **Mission Orders:** Read your orders, be sure you understand them, then press the button to **CONTINUE**.
- **Airdrop:** The map screen will appear, scrolling toward the top of the screen, with your aircraft in the center. Use your *controller* to steer the aircraft left or right; press the button to drop your supply pods. When the Jump Light turns green, press the button again to make the Ranger jump. Use the controller to steer him to a safe (clear) landing zone.
- **Combat Screen:** Use the controller to move the Ranger; press the button to use his current weapon. Look at the keyboard overlay to see which keys enable you to change weapons or movement modes. Press the MAP key to check your location (and pause the game). When you've accomplished the mission, press the **PICKUP** key to recall your aircraft. Good luck, and keep your head down!

PART I: BEHIND ENEMY LINES

Ranger Assignment

After loading the game, the title screen appears. You can let it run through its entire animation and sound sequence, or you can leave the title screen by pressing the *controller* button. After the title screen, you report to the personnel officer for Ranger assignment. This sequence of options lets you select a Ranger for the upcoming mission. The initial choices are:

- **ASSIGN A PRACTICE RANGER**
- **ASSIGN A VETERAN RANGER**
- **FORMAT A NEW ROSTER DISKETTE**

The first choice is always highlighted. To highlight a different choice, use your controller to move the cursor up and down until the choice you want is highlighted. Select it by pressing your controller button.

- **Assign a Practice Ranger:** *Warning:* a practice Ranger will not be recorded on the Veteran Roster after the game. This choice selects an average Ranger from the ranks and assigns him to the mission. Use this option for practice games or when you want to get into the mission without delay.
- **Assign a Veteran Ranger:** This choice lets you assign a veteran Ranger from the Veteran Ranger Roster to the mission. Insert your Ranger Diskette so you can review the veterans and select the one most qualified for the job. When you select a Ranger, you will be asked to **ASSIGN** or **RETIRE** him. Select **ASSIGN** to use that Ranger on the mission. Select **RETIRE** to replace that veteran with a new Ranger.

Warning: A retired Ranger is gone from the roster for good!

You can use this option to assign a "new" Ranger. You will be asked to give him a name; just follow the instructions on the screen and he'll soon be all set up on the Roster Diskette.



ARMY ACHIEVEMENT MEDAL

- **Format a New Roster Diskette:** If you have created no Roster Diskette for the storage of Rangers on a Veteran Roster, or your previous Roster Diskette is full and you wish to create another, select this choice and follow the instructions that appear on the screen. Be sure to have a blank disk handy so it can be inserted for formatting when the personnel officer asks for it.

Mission Selection

There are always more missions that need to be done than there are Rangers to do them. Choose the mission you wish by highlighting and selecting it with your controller.

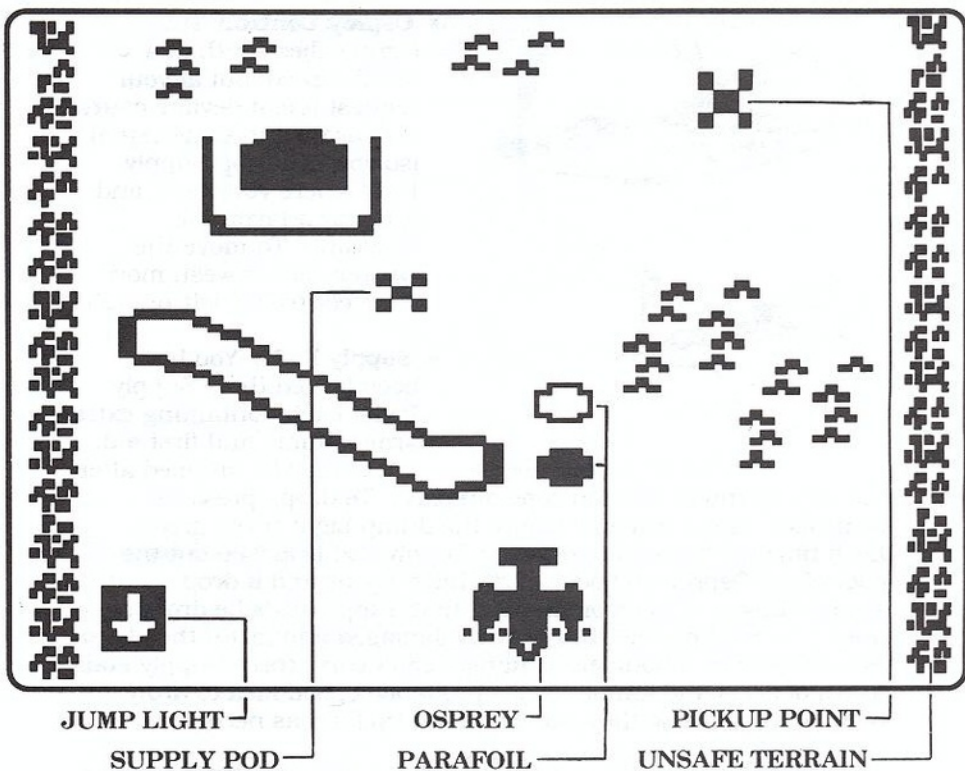
- **Campaigns:** Experienced commanders may want to select "Campaign." A Ranger assigned to a campaign will be expected to perform all of these missions, in an order determined by his superiors. A Ranger on campaign will not be able to select a specific mission until the campaign is through. By selecting "Campaign" you show a commitment to a career in the Rangers, and will be eligible for promotions and awards that are not available to those who prefer to select their missions.
- **Difficulty Level:** After selection you will be asked to choose the difficulty level of the mission (or campaign). The higher the difficulty level, the more dangerous the mission, but the Ranger will have the opportunity to score more merit points. Use the controller to move the slider left or right on the difficulty bar (left = easy; right = difficult). Press controller button to select.

Fatigue Test — Campaign Ribbon Recognition

To test your alertness, the next screen asks you to identify a campaign ribbon from one of six showing. (A Ranger too fatigued to tell one campaign ribbon from another will not be assigned a mission.) There are ribbons with identifying names at the bottom of pages in this manual. They are shown in alphabetical order. Find the name in the manual that matches the name on the screen, then use the controller to move the pointer to the matching ribbon. Press the controller button to select. Alternatively, enter the number corresponding to the correct ribbon.



ARMY COMMENDATION MEDAL

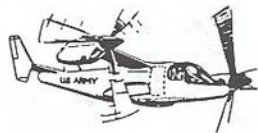
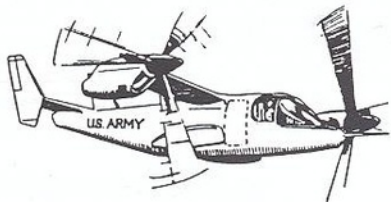


Airdrop to the Mission Zone

The mission begins. While enemy attention is diverted elsewhere, a V-22 Osprey aircraft flies your Ranger to the mission zone, hugging the ground and dodging enemy radar. The Osprey will pass over the goal area for a quick reconnaissance, then continue south to the Drop Zone where you can jump in relative safety. Take note of the terrain you're passing over — you'll have to find the best way across this territory to get to your goal.



ARMY OF OCCUPATION MEDAL



- **Osprey Control:** The Osprey flies south at a steady speed, but at your request it can deviate course east or west to some extent (so you can drop Supply Pods where you want, and jump at a favorable location). To move the Osprey east or west, move your controller left or right.

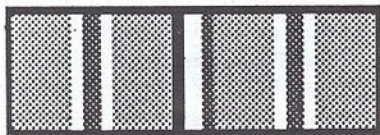
- **Supply Pods:** You have been issued three Supply Pods, each containing extra arms, ammo and first aid. These may be dropped after

the Osprey enters mission zone airspace. To drop, press the controller button anytime before the Jump Light turns green. Each time the button is pressed a Supply Pod is kicked out the door of the Osprey; the pod's parachute opens and it drops straight down. It is recommended that Supply Pods be dropped over open territory, as they may be damaged and lost if they land in a ditch or on a boulder. A Ranger can't carry three Supply Pods worth of arms and ammo, so it's probably a good idea to drop them at intervals so they can be picked up later as needed.

- **Jump Into Danger:** When the Jump Light turns green, you can jump into the mission zone. To jump, press the controller button. A light-colored rectangle representing your parafoil (a controllable parachute) appears on the map view. A dark shadow appears beneath it, indicating your altitude. Use the controller to steer the parafoil. Try to land in an open area, away from enemy defenses such as bunkers and machine gun nests. If you land in a trench or on some obstacle like barbed wire, you could be wounded. If you land in a minefield, or in the badlands south of the drop zone, the mission could end before it starts.

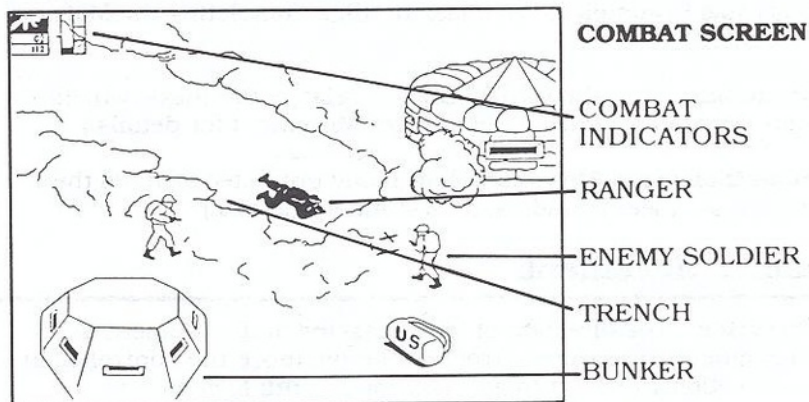
Combat Screen

Most of the action takes place on the Combat Screen, which shows you, the Ranger, in the center,



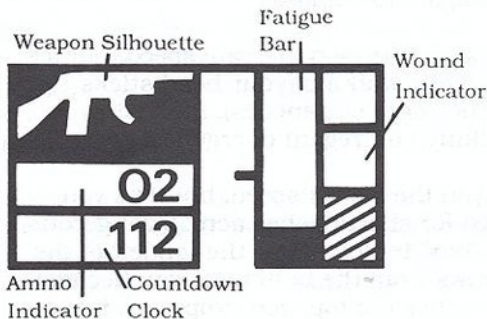
ASIATIC-PACIFIC CAMPAIGN

surrounded by your immediate environment. In the upper left hand corner of the screen are the Combat Indicators.



Combat Indicators

The Combat Indicators give a quick-reference summary of your current condition. (For a more detailed summary, see the indicators on the Map View, as explained below.) The Combat Indicators include the weapon silhouette, ammo indicator, countdown clock, fatigue bar and wound indicator.



Weapon Silhouette: This shows the weapon currently used. (See Weapon Use for details.)

Ammo Indicator: This shows how much ammunition the Ranger has



BRONZE STAR

for the current weapon. (See Weapon Use for details.)

Countdown Clock: This shows, in seconds, how much time the Ranger has to complete the mission. (See Completing the Mission for details.)

Fatigue Bar: This shows the Ranger's relative tiredness, which affects his ability to run. (See Ranger Movement for details.)

Wound Indicator: This shows how many untreated wounds the Ranger has. (See Wounds and First Aid for details.)

Ranger Movement

- **Direction:** The direction of Ranger facing and movement is determined using the controller. Simply move the controller in the direction you want to go. You rotate until facing that direction, then move.
- **Changing Movement Speeds:** You start the ground mission walking. To change to running, press the **RUN/WALK** key; to switch back to walking, press it again (it's a toggle). In like manner, pressing the **CRAWL/UPRIGHT** key enables you to toggle between walking (or running) and crawling. Press **CRAWL/UPRIGHT** to go prone; press again to stand up.
- **Walking:** Walking moves you at a reasonable rate speed, but it's difficult to stay out of sight while walking (your head sticks up above bushes, hedges, and the edges of trenches). Its main advantage is that while walking you regain energy lost.
- **Running:** Running moves you the fastest speed, but tires you rather quickly. It's best used for short dashes across dangerous open terrain. Note the two "bar" indicators at the top left of the screen. The leftmost bar grows from the bottom as you become more tired. When the bar reaches the top, you drop back into "walking" mode until rested sufficiently (bar decreased) to try running again. How fast you tire depends on your health (number of wounds) and how much gear you're carrying. A wounded Ranger carrying two Supply Pods can't run far at all.



DISTINGUISHED SERVICE CROSS

- **Crawling:** Crawling is slowest, but in dangerous areas it's definitely the safest mode of travel. When crawling, you can hide behind boulders, bushes, hedges, walls and other low objects. Furthermore, when crawling in a depression such as a trench or ditch, enemies can't see you unless they are also in the depression. When crawling through water you are completely hidden, but if you stay down too long, you start drowning (taking wounds).

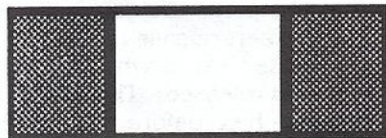


Weapon Use

An Airborne Ranger has a variety of weapons at his disposal. To see which weapon you are currently armed with, look at the Combat Indicator at the top left corner of the screen and note what silhouette appears there. The Ranger always starts the mission armed

with the Carbine. Beneath the weapon silhouette is a digital ammo indicator showing how many rounds are available for that weapon. To change weapons, just press the appropriate key for the weapon you want. The silhouette will change when the weapons are switched.

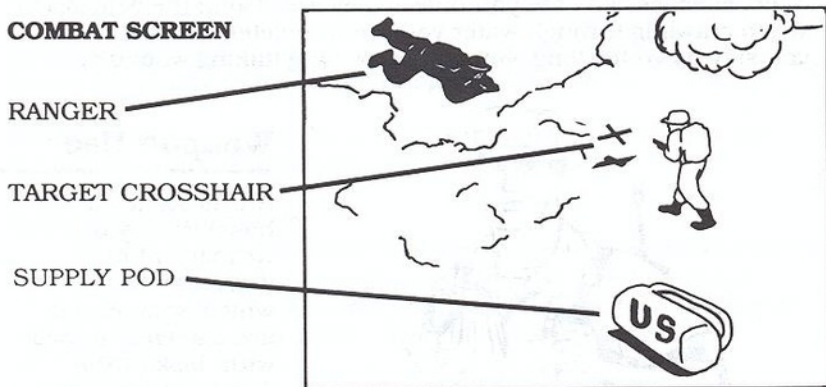
When you first land, you are armed with an automatic carbine (with four magazines) three hand grenades, a LAW rocket and a time bomb. Further weapons and ammo must be collected from Supply Pods or (on some missions) enemy sources.



DISTINGUISHED SERVICE MEDAL

- **Aiming:** No matter which way you face, a Target Crosshair appears in front of you. This Target Crosshair indicates which way the Ranger's fire would go if he were to shoot. To aim, line up the Target Cross with a potential target and fire.

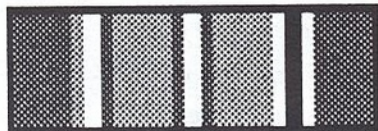
COMBAT SCREEN



You can face in only eight directions for movement purposes, but you can shoot in many more – 32 directions, in fact. To control this fine aiming ability, you'll have to master rotating just slightly so as to make the Target Crosshair move only one or two positions. Practice tapping the controller left or right, rotating the Target Crosshair just a few positions, until you get a feel for how to aim using your particular controller.

- **Carbine:** This short automatic rifle fires when the controller button is pressed. The Carbine is effective only against unarmored enemy troops. The ammo indicator shows how many magazines you have for the Carbine. Each magazine contains thirty rounds; a thrifty Ranger can make his Carbine ammo go a long way. You always automatically return to Carbine after using a Hand Grenade, LAW Rocket or Time Bomb.

- **Hand Grenade:** To throw a Hand Grenade, press the controller button, then release it. The grenade is thrown when the button is released. The longer the button is held before release, the farther the grenade is thrown. Hand Grenades are effective



EUROPEAN-AFRICAN CAMPAIGN

against enemy troops, machine gun nests, wooden doors and other lightly-armored objects. The ammo indicator shows how many individual Hand Grenades you have. After throwing a Hand Grenade you automatically return to Carbine.

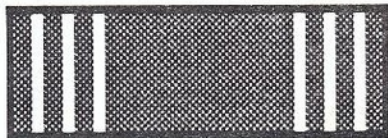
- **LAW Rocket:** A Light Antitank Weapon rocket is launched when the controller button is pressed. LAW Rockets are effective against nearly all enemy troops and defenses. The ammo indicator shows how many individual rockets you have. After using a LAW Rocket you automatically return to Carbine.
- **Knife:** When the controller button is pressed, you stab in the direction you are facing. The Knife is effective only against enemy troops who are right next to the Ranger. Its advantage is its silent attack (which attracts no attention) and the fact that it never runs out of ammunition.
- **Time Bombs:** These are charges of plastic explosive with variable time-detonators. There are three different Time Bomb keys for weapon selection, each with a different length of time to detonation: 5, 10 or 15 seconds. When you select a Time Bomb you also select the length of time its detonator is set for. After setting a Time Bomb you automatically return to Carbine.

To select Time Bomb, press one of the Time Bomb keys. Press the controller button to place the bomb. When you release the button, the countdown to detonation begins. It's a very good idea to get away from a ticking Time Bomb. If you can't get away, get behind cover.

Time Bombs are effective against all enemy troops and defenses. They are also excellent for causing diversions, as you can set a time bomb with a long fuse, move well away, and watch all the enemy troops scurry toward the crater after it goes off. The ammo indicator shows how many individual Time Bombs the Ranger has.

Wounds and First Aid

- **Wounds:** In the Combat Indicators, the rightmost bar shows how many wounds you have suffered. Each time you are wounded one part of the three-



GOOD CONDUCT MEDAL

segment bar lights up. Thanks to your superb new lightweight body armor, most small-caliber bullets fail to penetrate and only succeed in knocking you down. But you can't stand up in front of a hail of fire and expect to escape unscathed — occasionally you'll get hit in an unprotected spot, or suffer a light wound even through the armor. With one or two wounds, you keep moving; with three wounds, you die (and the mission ends).

Some weapons, such as land mines, flame throwers or antitank rockets, can inflict multiple wounds on a Ranger — maybe even kill him instantly.

- **First Aid:** To treat a wound, press the **FIRST AID** key on the keyboard. You are issued one First Aid kit with which you can treat a wound and keep going long enough to complete the mission. Each Supply Pod contains another First Aid kit. Use of a First Aid kit removes one wound from your total and exhausts that First Aid kit.

Map View

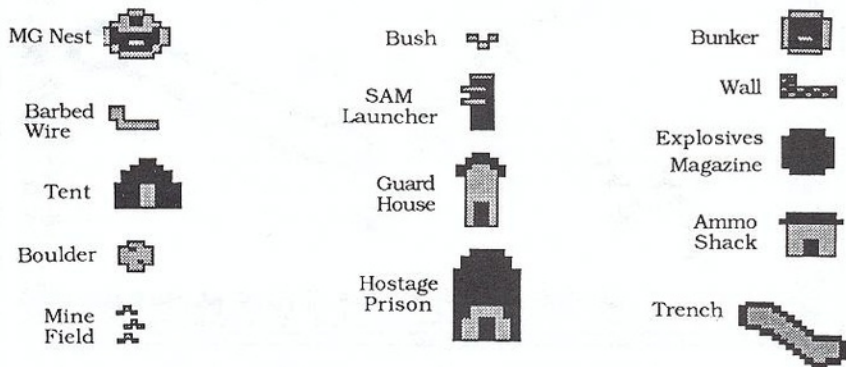
- **Using the Map:** You have been provided with a detailed map of the mission zone. To look at this map, press the **MAP** key. (This also pauses the game). To return to the mission, press the **MAP** key again, or press the controller button.

The Ranger's position appears near the center of the map. The map shows the approximate area within range of the Ranger's vision. To see more, use the controller to scroll the map up and down.

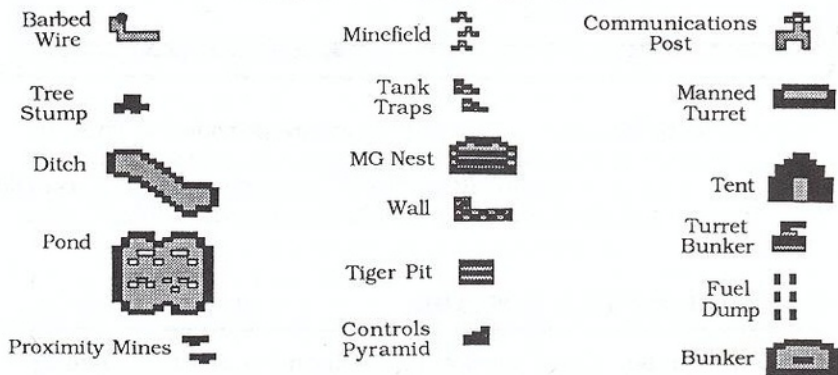


JOINT MERITORIOUS UNIT AWARD

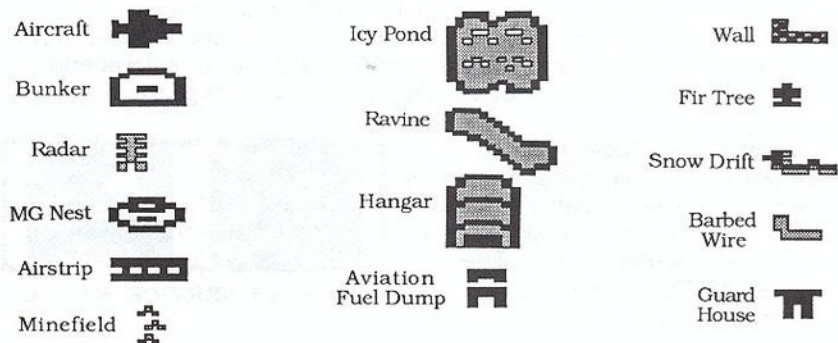
Desert Map Symbols

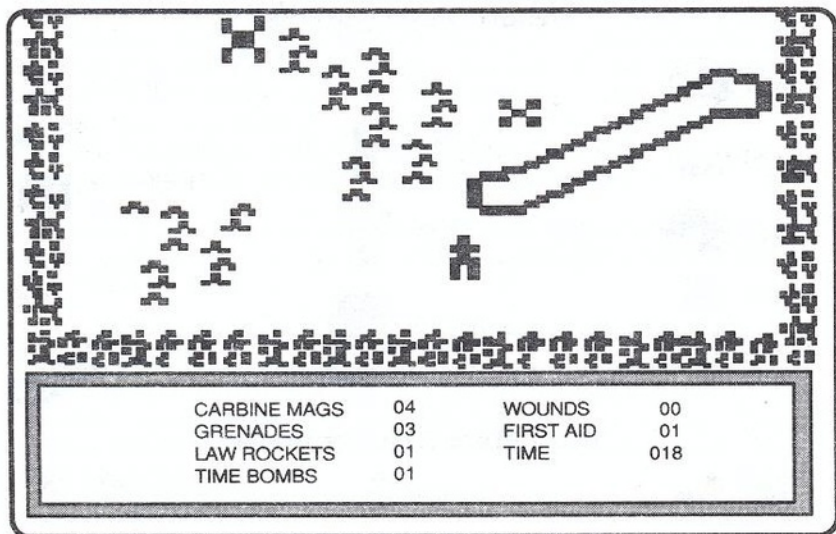


Temperate Map Symbols:



Arctic Map Symbols:





- **Map View Indicators:** These indicators are provided so you can see at a glance the condition of the Ranger's supplies. Shown is the total amount of ammunition the Ranger is carrying. First Aid kits, Wounds sustained and a backup Countdown Clock are also shown.

Completing the Mission

- **Mission Goals:** Each mission has different goals, explained in the **MISSION BRIEFINGS** section. On some missions it pays to be stealthy, sneaking past enemy positions and hiding until patrols pass by. On others it's best to do as much damage as possible, regardless of how much attention you attract. Every mission has a specified Pickup Point, shown on the Map. All missions end when you are picked up by the Osprey, killed or captured.
- **Countdown:** These rapid insertion and retrieval missions are timed very tightly. You have only a certain specified amount of time in which to complete a mission. The time starts counting down the moment the



KOREAN SERVICE MEDAL

Ranger lands, as shown on the Countdown Clock in the indicators. If not summoned earlier, the Osprey will show up at the Pickup Point when the countdown reaches zero. Don't get left behind!

- **Recall:** To call the Osprey to pick you up, press the **RECALL** key. After a short delay, the Osprey will return to the mission zone and hover over the Pickup Point, unrolling a rope ladder so you can climb on. The Pickup Point is either at the mission goal or near the mission goal; either way, it is marked on the map by an "X." The Osprey comes **ONLY** to this Pickup Point to retrieve you.

The Osprey can only stay above the Pickup Point for a limited time. If you don't make it to the Pickup Point before the Osprey leaves, you face death or capture.

- **Capture:** If you miss your pickup and then run out of ammunition, you may be captured. The mission is over, but you may not be lost forever. If not killed, you will be taken to an enemy P.O.W. camp. See the Liberate a P.O.W. Camp mission for an explanation of how a captured Ranger can be freed and returned to active duty.

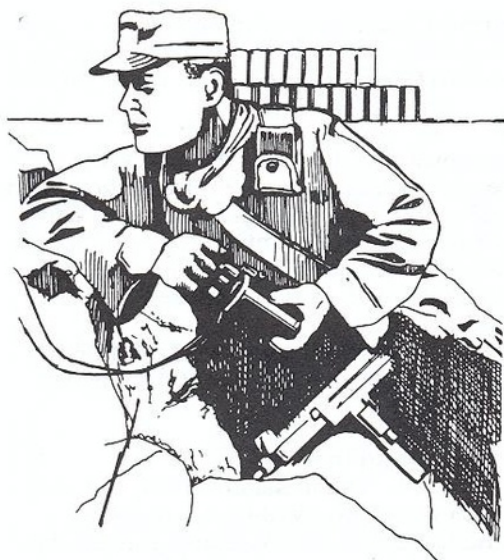
Mission Briefings

Twelve general types of missions are available for assignment. Four of these are set in desert terrain, four in a temperate zone (like Central Europe) and four in an arctic environment. In the desert, the heat rapidly tires you out, so the distance you can run before becoming fatigued is decreased. In the arctic wastes, sound is absorbed by the snow and the constant winds; it's hard to hear footsteps and gunfire.

- **Destroy a Munitions Depot:** Analysis of high-altitude photography of the enemy-held desert zone has identified the location of a key munitions depot which is supplying fuel and ordnance to the enemy. Your mission is to penetrate the defenses around this munitions depot and destroy as much of it as possible, thus disrupting the enemy's line of supply.



LEGION OF MERIT



The enemy depot consists of an ammunition shack, a bunker-like explosives magazine, and a fuel dump. All three should be destroyed, if possible. Intelligence suggests that the enemy is storing ammunition compatible with your weapons, so it may be possible to raid the ammo stores before destroying them.

You are advised to use your own initiative when deciding on a high- or low-profile approach. However,

extra merit points will be awarded for the number of enemies eliminated, so Command's advice is to let 'em have it.

Tactical Tip: Keep an eye on the countdown clock! It pays to be stealthy, but if you spend too much time sneaking around you'll miss your pickup. Try to move quickly through unfortified areas.

- **Steal a Code Book:** Your mission is to infiltrate an enemy headquarters area in the temperate zone, find the communications post, and steal a pouch containing secret radio codes. The enemy HQ is somewhere within the walls of a ruined village. To find the communications post, look for the distinctive radio aerial. Move next to the radio to pick up the pouch.



Be advised that the area is currently occupied by an elite unit of enemy troops who are expecting trouble. Extra merit

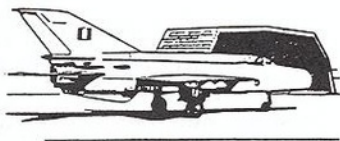


NCO PROFESSIONAL DEVELOPMENT

points will be awarded for number of enemies eliminated, but the primary target is that code book.

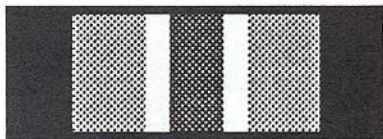
Tactical Tip: Don't drop all your supply pods in one place. If you drop them all near the goal zone, you'll have a long way to go before reloading; if you drop them all near your Drop Zone, you'll find that all that ammo is too much to carry. Spread them out, dropping them along your probable route through the combat zone. It's useful to drop them between ditches, where you can make a short dash from concealment, pick up the ammo and get back to cover. Don't drop them near enemy fortifications!

- **Disable Enemy Aircraft:** Your Ranger unit is going to attempt to force a mountain pass at 0900; to have a chance of success they're going to need air superiority. Your mission is to disable the aircraft that would most likely be called to support the enemy defense. You'll be dropped near the crude arctic runway where the planes are stationed. You must penetrate the runway defenses and damage or destroy every enemy plane you find there.



Caution: If the enemy sees you coming and becomes alarmed, they may scramble the fighter(s) for safety, and the runway will be empty when you arrive. Try to avoid eliminating enemy troops and installations before your arrival at the runway area. (If absolutely necessary, use your knife.) If they think they're under attack by a dangerous enemy, those jets will be gone. Additional merit points will be awarded on the basis of number of enemies eliminated, but if you don't destroy the aircraft your mission is a failure.

Tactical Tips: Stick to the ravines as much as possible, crawling to maintain minimum visibility. Use the map to plot a course, using the ravines as "safe" routes past enemy positions. Be patient — wait for patrolling soldiers to pass before moving .



OVERSEA SERVICE



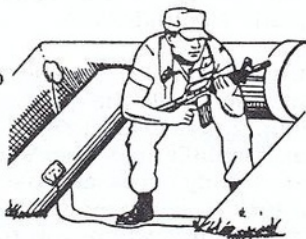
- **Capture an Enemy Officer:** Army Intelligence has reason to believe that a certain enemy elite unit has been tapped for a special assignment. It is urgent that Intelligence find out what that assignment is. Your mission is to infiltrate the desert headquarters of the enemy unit and capture an officer for interrogation.

You are advised to search through the tents of the enemy HQ area for a target. To identify an enemy officer, look for a soldier with a different-colored uniform from other enemy troops. If you can get next to an enemy officer and threaten him with a weapon, he will probably surrender quietly.

After accomplishing your goal, recall the Osprey for pick up. You may have to defend yourself and prisoner while waiting for the plane to arrive—make sure your prisoner isn't hurt! A wounded prisoner may not be able to stand interrogation, and thus is worth fewer merit points. Further merit points will be awarded for the number of enemies eliminated.

Note: The Pickup Point marker that appears on the map before the officer is captured is for emergency pick ups only. Once captured the Pickup Point moves to the capture location.

Tactical Tip: Once you've captured an officer, don't leave him alone — he may make a break for it.



- **Cut a Pipeline:** Army Intelligence has become aware of a possible weakness in the enemy's supply line. They have identified a location where a vital gas pipeline emerges from the ground in the temperate zone at a pumping station. Your mission is to penetrate the guards around this pumping station and damage or destroy it.

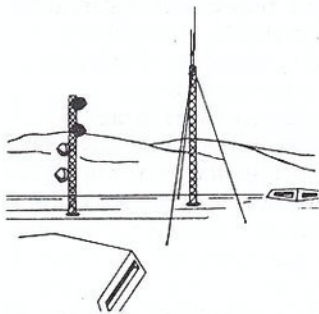
The pumping station is known to be heavily armored — only a time bomb can destroy it. Further



PHILIPPINE DEFENSE

reports indicate that it is defended by the enemy's new automated minitanks. Good luck.

Tactical Tip: Save LAW Rockets for use on the minitanks. Learn the trick of firing from a ditch at a tank or bunker: aim, pop up, fire, and duck.

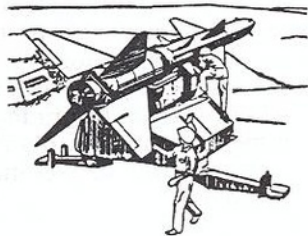


- **Knock Out Enemy Radar Array:** Stealth jet overflights have finally located the enemy early-warning radar array that has been giving the Air Force so much trouble. The radar antennas are guarded by elite troops, but one Ranger might be able to take them by surprise, slip in and knock them out before a proper defense can be organized.

The radar array is bounded on the south by a partially-frozen river. Intelligence suggests that the enemy would not expect anyone to be foolish enough to attack from that direction, so naturally that's where you'll be dropped. Once you cross the river, disable as many radar antennas as you are able.

Tactical Tip: Try dropping all supply pods in the top third of the combat zone. Then, lightly armed, run as far as possible before going to cover, dodging fortifications and leaving surprised patrols behind. This may get you to the goal zone with relatively little combat.

- **Disable a SAM Site:** Command has planned an air strike on a critical enemy installation deep in the desert, but the target is ringed by Surface-to-Air Missile sites. These must be taken out. The **SAMs** are portable and can be replaced, so they must be eliminated just before the air strike. You will be dropped near one of these sites just ahead of H-Hour with orders to sneak in and disable it, then get out – if possible.



The actual site consists of at least one, and possibly as many as four, **SAM** launchers. (The number depends upon the



PRESIDENTIAL UNIT CITATION

difficulty of the mission.) The primary mission is to destroy all the **SAM** launchers.

It is important that the enemy have little or no advance warning of the attack on its **SAM** sites. If you give away the assault too soon, reinforcements may be called and the missions of all the other Rangers in the area may be seriously compromised. Therefore your orders are to avoid eliminating any enemies (except with the knife) until you arrive in the mission goal zone (the area around the **SAM** launchers). They may see you, but if you refrain from shooting they won't go on full alert. Avoiding enemy contact will result in a large merit point bonus. Premature enemy contact may result in a merit point penalty.

Additional merit points will be awarded on the basis of number of enemies eliminated, but these will never be sufficient to offset the penalty of premature contact. Keep your head down and your finger off the trigger!

Warning: Intelligence reports indicate that the **SAM** launchers may be guarded by new automated mini-bunkers that shoot at any movement their motion detectors sense.

Tactical Tip: When approaching the automated mini-bunkers, listen for the distinctive whine of the motion detector. You may be able to tell when a motion detector is active or inactive even before it appears on the combat screen. The motion detectors can't tell friend from foe, so don't come between a mini-bunker and a moving enemy soldier or you may get shot by accident!



- **Liberate a P.O.W. Camp:** A pre-planned diversion has drawn most of the defenses away from a small enemy Prisoner of War camp; one Ranger might be able to get through and liberate the prisoners. This is your mission.

The prisoners are being held in "tiger pits," cells set into the ground with barred steel doors



PURPLE HEART

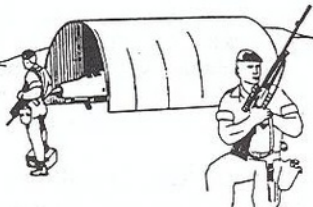
across the top. The controls to open these doors are located in a small concrete pyramid set between the tiger pits. To open the pits, you must blow up the pyramid (exposing the controls), then kick the control lever over. Once this is accomplished, recall the plane to pick you up and the prisoners. Defend the prisoners until the Osprey arrives.

It is important that the enemy have little or no advance warning of the attack on the P.O.W. camp. If you show yourself too soon, the prisoners may be removed from the camp and there will be no one to rescue. Therefore your orders are to avoid shooting until you arrive in the mission goal zone. Freeing the prisoners will result in a large merit point bonus. Premature enemy contact which causes the prisoners to be moved away may result in a merit point penalty. Additional merit points will be awarded based on number of enemies eliminated, but it's far more important to liberate the prisoners.

If any veteran Rangers have been captured in previous missions, they will probably be kept prisoner at this camp. A successful completion of this mission will restore them to active duty, making them available once again for Ranger Assignment.

Tactical Tip: If you're caught in the fire zone of an enemy machine gun nest or bunker, dodge back and forth as you run and the gunners will have a harder time drawing a bead on you.

- **Photograph a Secret Experimental Aircraft:** The enemy have been testing a new experimental aircraft of unknown potential at one of their arctic airfields. Your mission is to infiltrate this airfield, sneak into the hangar and remain long enough to take a series of photos of the aircraft. Stealth is important in the area of the hangar, as any enemies who see you enter it will probably follow and prevent you from achieving your mission. Elsewhere it probably won't be necessary to maintain a low profile. Merit points will be



SILVER STAR

awarded on the basis of number of enemies eliminated, but remember that the goal of this mission is to get pictures of that plane.

Tactical Tip: If completely blocked by a barbed wire fence, use a Hand Grenade to blow a hole in it. You can also use Hand Grenades to blow your way through a mine field (though it does tend to attract attention).

- **Free the Hostages:** American and European hostages have been taken by a group of fanatical terrorists and are now in the hands of the country that sponsored them. The hostages are being held in a special prison in the desert, where they are being guarded by enemy soldiers. Your mission is to infiltrate the mission zone and liberate the hostages.



According to intelligence, the hostages are being held in a concrete building with adjacent guard house. You are advised to eliminate the guards, then blow open the prison door with a grenade. Once this is accomplished, recall the plane. Defend the hostages until the Osprey arrives to pick up you and the hostages.

Caution: We have reason to believe that the enemy would rather kill the hostages than allow them to be rescued. The enemy may have wired the prison with explosives. Do not alert the enemy unnecessarily! When you make your attack on the prison, beware of attempts by heavily-armed enemies to destroy the hostages before you can liberate them.

Tactical Tip: Recall the plane before blowing open the prison door and you will shorten the period in which you have to defend the hostages before help arrives.

- **Create a Diversion:** Our agents are planning to sneak a very important person across a fortified enemy border. It is vital that none of the enemy notice this activity, so it has been decided that a big diversion



SOLDIER'S MEDAL

should be staged to attract the enemy's attention. Your mission is to create that diversion.

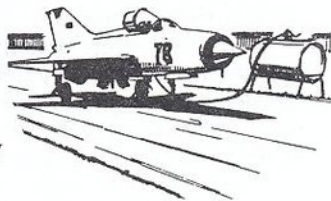
You will be landed on the other side of the border, behind enemy lines. Your mission is to lie low until your Countdown Clock gives you a beep alarm, then start fighting your way toward the border, causing as much damage as possible on the way. Your Pickup Point is within the actual border zone itself; you must make it through the interior defenses to the Pickup Point in order to be retrieved.



Time constraints on this mission are tight. If you start shooting before the alarm sounds, you will suffer severe merit point penalties. On this mission, you cannot recall the Osprey early; you are expected to keep the battle going until the full mission time has run out. The Osprey will appear above the Pickup Point when the clock reaches zero.

Warning: The border zone is heavily defended by turret bunkers, barbed wire, mines, and proximity bombs mounted on posts. Stay alert for these dangers, but don't let the diversion slack off.

Tactical Tip: Your LAW Rocket has quite a long range. You can fire at targets off the combat screen by lining yourself up on the map. An exploding LAW Rocket also serves as a diversion, attracting the attention of any nearby soldiers. If surrounded by searching troops, a LAW Rocket fired at a distant target may draw them away from you.



- **Delayed Sabotage:** It is necessary that the soldiers at one of the enemy's arctic airfields be distracted by a presumed attack at around midnight tonight, but no forces can be spared at that time to cause the diversion. Therefore your mission is to sneak past the



**UNITED NATIONS
SERVICE MEDAL**

airfield's defense perimeter and plant a special time bomb at the aviation fuel dump. This time bomb will explode at midnight, which should make the enemy believe they're under attack. You will be issued time bombs that are all pre-set to explode at midnight, regardless of what fuse time you select.

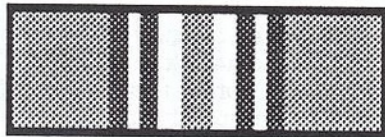
You must maintain a low profile in the vicinity of the fuel dump. If anyone notices a Ranger, they may become suspicious and find the time bomb before midnight. Try to catch one of the enemy guards in a guardhouse, eliminate him and don his uniform. This should enable you to approach the fuel dump while disguised. Merit points are awarded on the basis of number of enemies eliminated, but won't add up to much if the enemy spots you and the bomb is disabled before it explodes.

Tactical Tip: Wait until no enemy soldiers can be heard moving around the area before moving into the vicinity of the fuel dump.

After the Mission

When the mission is over, you will see an assessment of your performance, covering whether you met your goal, and whether you were retrieved, captured or killed in action. Merit point score for this mission and new merit point cumulative score are displayed, as are any promotions or awards.

- **Promotions:** If you complete your mission successfully you can expect to be promoted. The ranks a Ranger can achieve in this way are, in order: Private First Class (PFC), Corporal (CPL), Sergeant (SGT), Staff Sergeant (SSG), Platoon Sergeant (PSG), Sergeant Major (SGM), Second Lieutenant (2LT), First Lieutenant (1LT), Captain (CPT), Major (MAJ), Lieutenant Colonel (LTC) and Colonel (COL – achievable only by selecting "Campaign").
- **Commendations and Medals:** Medals are awarded for achievement above and beyond the call of duty. A Ranger can earn: First Army Commendation Medal (COM1), Second Army Commendation Medal (COM2), Bronze Star (BSTR), Silver Star (SSTR), Distinguished Service Cross (DSC) and Congressional Medal of Honor (achievable only by selection "Campaign").

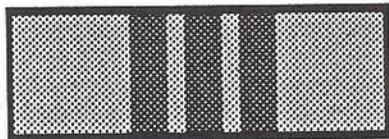


VALOROUS UNIT AWARD

PART II: AIRBORNE RANGERS

Standing Orders, Rogers' Rangers, 1759

1. Don't forget nothing.
2. Have your musket clean as a whistle, hatchet scoured, sixty rounds powder and ball, and be ready to march at a minute's warning.
3. When you're on the march, act the way you would if you was sneaking up on a deer. See the enemy first.
4. Tell the truth about what you see and what you do. There is an army depending on us for correct information. You can lie all you please when you tell other folks about the Rangers, but don't ever lie to a Ranger or officer.
5. Don't never take a chance you don't have to.
6. When we're on the march we march single file, far enough apart so one shot can't go through two men.
7. If we strike swamps, or soft ground, we spread out abreast, so it's hard to track us.
8. When we march, we keep moving until dark, so as to give the enemy the least chance at us.
9. When we camp, half the party stays awake while the other half sleeps.
10. If we take prisoners, we keep 'em separate till we have had time to examine them, so they can't cook up a story between 'em.

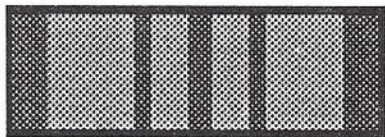


VIETNAM PRES. UNIT CITATION

11. Don't ever march home the same way. Take a different route so you won't be ambushed.
12. No matter whether we travel in big parties or little ones, each party has to keep a scout twenty yards ahead, twenty yards on each flank and twenty yards in the rear, so the main body can't be surprised and wiped out.
13. Every night you'll be told where to meet if surrounded by a superior force.
14. Don't sit down to eat without posting sentries.
15. Don't sleep beyond dawn. Dawn's when the French and Indians attack.
16. Don't cross a river by a regular ford.
17. If somebody's trailing you, make a circle, come back onto your own tracks, and ambush the folks that aim to ambush you.
18. Don't stand up when the enemy's coming against you. Kneel down, lie down, hide behind a tree.
19. Let the enemy come till he's almost close enough to touch. Then let him have it and jump out and finish him up with your hatchet.

History of the Rangers

- **Early Days:** The history of the American Rangers is a long and honorable one, beginning a hundred years before there even was a United States of America. The early English colonists quickly discovered that the rules and tactics of European standup warfare were of little use in the backwoods of 17th century North America, where the combatants were loose confederations of Indians and independent-minded settlers. In European wars, armies met by consensus and fought set battles to determine who would be victor; in America, the Indians attacked wherever they would do the most damage and meet the least resistance.



VIETNAM SERVICE MEDAL

Inevitably, the European colonists began to adopt similar tactics.

Small "Ranger" units were first formed to scout the territory around the settlements, watch for signs of approaching enemies, and eventually strike back at enemy bases with raids of their own. The key attributes of these reconnaissance and strike teams were stealth, independence, physical toughness and versatility – still the chief characteristics of Rangers today.



The first commander to really articulate the concept of the Rangers and exploit their unique capabilities was Major Robert Rogers, who organized and commanded a large Ranger company during the French and Indian War (1754-1763). Rogers emphasized a rigorous program of training and preparedness, another Ranger hallmark. (Rogers' Standing Orders are reproduced at the beginning of Part II of this manual.) Rogers' Rangers could move fast and strike hard. When

most units were immobilized by winter weather, the Rangers were on the move, attacking the enemy when and where they least expected it.

When the Revolutionary War came, Ranger units were at the forefront, confounding and confusing the British and their allies with their unorthodox tactics.

Dan Morgan's "Corps of Rangers," all expert riflemen from Pennsylvania, Maryland and Virginia, played crucial roles at Saratoga and the Battle of the Cowpens, two important American victories. Thomas



WORLD WAR II VICTORY MEDAL

Knowlton's Connecticut Rangers performed dangerous reconnaissance duty in the Northeast. Most famous of all were the Rangers of Colonel Francis Marion, the "Swamp Fox," irregulars who disrupted and disorganized the British efforts in the Carolinas.

The Rangers were disbanded at the end of the war, the usual fate of these elite but specialized units. Maintaining highly-trained elite groups like the Rangers is expensive, and difficult to justify in peacetime. But when war breaks out they suddenly seem essential, and the Rangers rise again. A few years later, in the War of 1812, Congress raised twelve companies of Rangers to serve on the frontiers, protecting the United States on its vulnerable inland side.



- **The War Between the States:** The Confederacy made by far the most effective use of Rangers during the Civil War. Confederate Rangers under Colonel Turner Ashby and Colonel John S. Mosby operated behind Union lines, conducting effective hit-and-run campaigns that tied down many times their number in Union troops. The threat of Mosby's Rangers forced the Union to garrison

soldiers at many locations that would otherwise have gone safely undefended. Mosby showed what a small, fast-moving group of Rangers could accomplish in enemy-held territory.

- **World War II:** Shortly after the United States entered World War II, it became apparent that the Army would once again need small specialized units of tough, elite troops. Six Ranger Battalions were organized, all composed of soldiers who had volunteered for

the Rangers' rigorous training and hazardous missions. The Rangers were employed in every theater of the war, acting as spearhead units, and performing dangerous independent assaults that no other type of unit could handle.

The 1st, 3rd and 4th Ranger Battalions were commanded by Major William O. Darby. Darby's Rangers got their feet wet in the Dieppe commando raid and the North African campaign, and played significant roles in the amphibious invasions of Sicily and Italy. They fought with great distinction against the German Army on the Italian front, often in exposed positions or behind enemy lines.

The 2nd and 5th Ranger Battalions were key players in the Normandy "D-Day" Invasion. The 2nd Battalion had the difficult and incredibly hazardous mission of scaling the sheer cliffs at Pointe du Hoc to destroy the heavy gun emplacements there. Without reinforcements, and despite fierce resistance, the position was taken. The 5th Battalion landed on Omaha Beach with the 1st and 29th Divisions, where the entire assault force was pinned down by an elite German division dug in on the bluffs overhead. The Americans had to break through and get inland, or Omaha Beach could turn into a massacre. It was here that the Commanding General of the 29th Division gave the Rangers their motto, when he turned to the commander of the 5th Ranger Battalion and said, "Rangers, lead the way." Drawing on all their training, resourcefulness, and sheer guts, the Rangers penetrated the German defenses and led the breakout from the beach.

The 6th Ranger Battalion was assigned to the Pacific Theater, where they performed the classic Ranger missions of recon and raiding behind the enemy lines. The 6th Ranger Battalion was the first American unit to return to the Philippines, paving the way for the invasion forces to follow.

Though not specifically designated as a Ranger unit, the 5307th Composite Unit (Provisional), commanded by General Frank D. Merrill and known as "Merrill's Marauders," performed classic Ranger-style operations against the Japanese Army in Burma. Merrill's all-volunteer unit operated behind Japanese lines, disrupting supply, cutting communications, and eventually driving the enemy from the mountains of northern Burma. The 5307th was redesignated the 75th Infantry, the current official unit designation of the Rangers.



- **The Korean War:** As usual, the Rangers were disbanded after World War II, but they were needed again sooner than anyone expected. At the outbreak of the Korean War, Colonel John Gibson Van Houten was appointed to head a new Ranger training program at Fort Benning, Georgia (where Ranger training is held to this day). Eight Ranger companies were to be organized, and for the first time

airborne skills were to be included in their training. The call went out for volunteers, and the response was phenomenal, particularly from the crack 82nd Airborne Division. Many of the volunteers had fought in various elite groups in WWII, including the OSS and earlier Ranger units. Since only a few could be chosen, the new Ranger Infantry Companies (Airborne) were composed of the cream of America's fighting men. At this time, the U.S. Army was still racially segregated. One of the first four Ranger companies was composed entirely of experienced black paratroopers, the only all-black Ranger unit ever formed.

Instead of operating as battalions, these Ranger companies were assigned to Infantry divisions, one company per division. In Korean combat the Rangers were used as firemen, sent from one hot spot to another, stiffening defensive lines, leading attacks, scouting, raiding and counterattacking. They often found themselves in that classic Ranger situation, wreaking havoc behind enemy lines. They conducted raids on the enemy by land, water and air. They performed with great courage, endurance, and wit, but due to being attached to larger units, they received precious little publicity. Everybody knew, however, that in a bad situation they could count on the Rangers.

- Recent History:** Veterans of the Korean War airborne Rangers were involved in the creation of the Special Forces in the late 1950s. Later, when the United States became heavily involved in the Vietnam War, Ranger companies were once again trained and sent to wherever the fighting was hottest. As in Korea, the fourteen Ranger companies that served in Vietnam were attached to other units. These Ranger companies were primarily utilized for reconnaissance missions, rather than raiding. As America's role in the Vietnam conflict diminished most of these companies were deactivated.



With a global need for quick reaction forces (and finally realizing the waste of experience involved in reconstituting the Rangers every time they were needed), in 1974 the Army formed two permanent Ranger Battalions. The 1st and 2nd Battalions (Ranger), 75th Infantry, were trained at Fort Benning and stationed in Georgia and Washington state. The utility of maintaining standing Ranger battalions was proven during the sudden

invasion of Grenada, in 1983. The 1st and 2nd Ranger Battalions performed a dangerous low-level combat drop on the airfield at Port Salines, securing it in short order. As a result of this graphic example of the effectiveness of the Ranger battalions, a 3rd Battalion and a Headquarters Company were added, bringing the 75th Infantry Rangers up to full regimental strength. Today, the Rangers stand ready to perform, any time, any mission they may be assigned, as soon as they hear the command: "Rangers – lead the way!"

Ranger Training

U.S. Army Ranger Training is one of the most rigorous military training programs in the world. It stresses physical toughness, combat and leadership skills, resourcefulness and independence. This training is standard for soldiers assigned to the 75th Infantry (Ranger) Regiment. It is also available for qualified officers and noncommissioned officers of the U.S. armed services and allied armed forces. Students wear no insignia or rank during the course; all are addressed merely as "Ranger." Understandably, it is a mark of some status to make it through Ranger school; graduates of the Ranger course can be found in key positions throughout the armed forces. (The troopers assigned to solo missions in **Airborne Ranger** are graduates of the Ranger course who have been assigned to a secret Special Operations Group.)

The purpose of the Ranger course is to provide rigorous training in tactical and leadership skills in a realistic environment. There is little classroom study, as the emphasis is on practical, and strenuous, field work. The course is eight weeks long, and training goes on seven days a week, for an average of 19 hours a day. During the training, Ranger students are often subjected for long periods to mental and physical stress similar to that found in combat. Even while near-exhausted, students must learn how to cope with complicated tactical problems, solve them and move on to the next challenge.

• **Prerequisites:** All applicants to the Ranger course are volunteers. They need not be airborne qualified, but they must be in top physical condition, able to do at least 50 push-ups, 60 sit-ups, and run two miles in under 15 minutes. They must have passed the Combat Water Survival Test, which means they can walk blindfolded off a 3-meter diving board, and swim 15 meters, in full combat gear. They must be qualified in marksmanship, first aid, camouflage, orienteering, and construction of observation posts and defensive positions. They must be confident of their skills and abilities, and ready and eager to improve them.

There are four main phases to the Ranger course: the Benning phase, the mountain phase, the desert phase and the Florida phase. Each emphasizes different skills; each builds on the skills learned in the preceding phases.

• **The Benning Phase:**

The initial phase is run at the Ranger Course Headquarters at Fort Benning, Georgia. The first segment of this phase consists of a tough physical training program that includes three- to five-mile runs, hand-to-hand combat, demanding obstacle courses, and skill training in map navigation, first aid and demolitions. The second segment of the Benning phase is more mission-oriented, and includes airborne,



reconnaissance and combat patrol training. The student must take part in five combat-style operations. By the end of the

Benning phase, the Ranger student is in a hardened physical condition and has learned the basic skills required in the demanding later phases.



• **The Mountain Phase:**

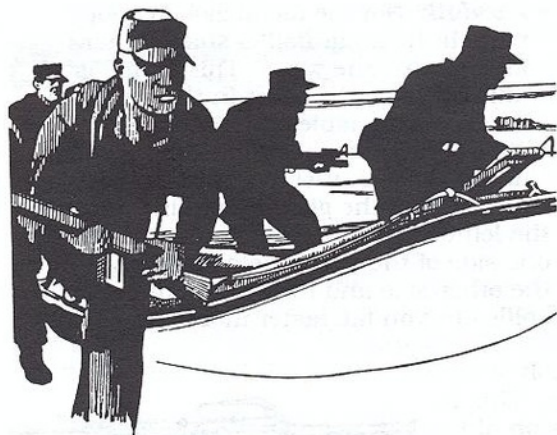
In this phase the Ranger learns to put theory into practice, leading squad and platoon-sized units through ambush and raiding missions in rugged terrain. The Ranger must maintain himself and his equipment in the field

for long periods of little or no supply, performing infiltrations, river crossings, and mountaineering. The mountain-climbing segment culminates in a 200-foot night rappel down a sheer mountain face.



- **The Desert Phase:** At the end of the mountain phase, the Ranger students are picked up by aircraft and flown to the Utah desert. They prepare for a jump on the way, and as they arrive they conduct a parachute assault into the next training area. Here the Ranger student learns desert tactics and survival skills, then undertakes a five-day fast patrol across the desert to a distant destination. In the second segment of the

desert phase the students undertake combat exercises that involve simulated enemies. Each student is required to plan, rehearse and command a platoon-size assault that includes mortar support, air strikes and demolition of targets with explosive charges. This is a live fire raid, i.e. all weapons use live ammunition.



- **The Florida Phase:** This phase begins with a combat parachute jump into the Florida jungle. In the first segment the training focuses on jungle combat skills, use of boats and river navigation, beach landings, helicopter rappelling, air resupply and evacuation, and counterinsurgency techniques. The second segment features combat exercises employing guerilla and counterguerilla

warfare tactics, culminating in a company-sized beach assault followed by an attack on a fortified guerilla camp. This final exercise is no pushover — it simulates a very dangerous mission. The Ranger students must draw on all their training to succeed.



- **Graduation:** Ranger students must receive passing grades on all of these physical and leadership tests. They are rated by their instructors, by the other students, and by themselves — and none of these groups are easily satisfied. But those who make it, the best of the best, go on to the graduation ceremony at Fort Benning, where they receive they right to join the exclusive fraternity of

those who wear the unobtrusive patch that reads: **RANGER** .

Weapons and Equipment



- **Parafoil:** Not the usual globe-canopy parachute, a parafoil is shaped more like an airplane wing. This shape is difficult to control, but in the hands of an expert it enables the parachutist to glide forward rather than drop straight down. The 'chutist can control the direction of the glide by pulling down on the left or right. This action spills air out one side of the foil, causing it to pivot on the other side and turn in the direction of the pull. Since turning spills air, you fall faster in a turn.

- **Carbine:** The CAR-15 Colt Commando assault rifle. This is basically a handier version of the M-16A1 assault rifle, with a shorter barrel and collapsible buttstock. Designed for close-quarters work, it was issued to Special Forces soldiers in

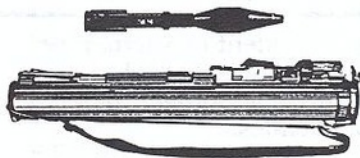


Vietnam. Its small size makes it particularly useful for airborne and air cavalry troops. Loaded, it weighs less than eight pounds. Ammunition: 5.56mm (.223 caliber) cartridge, in 30-round magazines.



- **Hand Grenade:** M26 Fragmentation Grenade, which looks like a smooth-sided version of the familiar "pineapple" grenade. It consists of an outer casing, a coil of notched wire, a high-explosive filling, and a fuse with a cap on top. A lever is attached to the cap, and a pin safety holds the lever down. When the

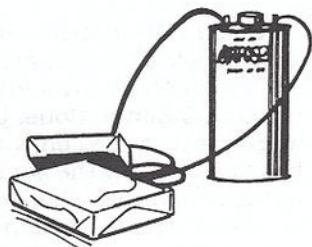
pin is pulled and the lever released, the fuse is ignited, and after a short delay the grenade explodes, scattering sharp bits of wire all around.



- **LAW Rocket:** M72A2 Light Antitank Weapon (LAW) consists of a collapsible launch tube with an antitank rocket already loaded. The whole assembly weighs less than six pounds. To fire it, the soldier extends the tube, pops up the sight, disarms the safety, aims, presses the trigger and fires. The rocket launches in a sudden burst of propellant (all of which is used before

the rocket clears the tube, in order to protect the soldier from back-blast); as it emerges from the tube, folding fins pop up to stabilize its flight. The warhead detonator explodes on contact, firing a shaped charge forward, penetrating inch-thick steel or concrete several inches thick. The explosion tends to set off ammunition or fuel stored inside the target. The launch tube is disposable.

- **Time Bomb:** A shaped charge of plastic explosive with an attached timer-detonator. The time to detonation is selected; when the detonator counts down to zero, it sends an electric charge into the plastic explosive, detonating it. The shaping forces most of the explosion against the object it is attached to.



- **Knife:** M7 Knife, which doubles as a bayonet for the Colt Commando.

Designers' Notes

One day in early 1987 "Wild Bill" Stealey, President of MicroProse, came into a Product Development meeting and said, "Let's do a fast-action easy-to-learn combat game called Airborne Ranger in which one soldier is pitted against lots of enemies!"

"An arcade video game!" we screeched, "Bleahh!"

"No, not an arcade game, but a, uh, combat action simulation! Yes, that's it!" he said, pounding the table. (That always gets our attention.) In short order he had convinced us we could do it — we could create an intelligent, fun, suspenseful arcade-style — uh, I mean fast-action — game that would appeal to fans of our usual intense simulations and to devotees of you-know-what-type games. Gamers everywhere were waiting for this! It was our duty to them to start immediately!

So we did. We formed a design team consisting of Lawrence Schick (game design, project management), Scott Spanburg (software development) and Iris Idokogi (software graphics) — all designers of Serious Simulations, but also veterans of other companies where we'd worked on, you know, action games. We got down to it, hashing out how the game was going to work, what effects we were trying to achieve, what features we should include and what order we should create them in — the usual process of organizing a game design. As it started to come together we realized that Bill was right — this was going to be a fun game. And somewhat to our surprise, the more we worked on it, the better we liked it.

See, there are problems with most computer action games in that they are descended from coin-operated arcade games, and arcade games have different economic objectives from home computer games. An arcade game wants quarters, and it wants them often. That means an arcade game has to be an intense experience of relentless action... that kills you after 2.5 minutes. There's precious little time for thinking in the sudden-death world of the arcade game. To succeed you must learn to react by reflex, twitching and jerking the controller around like a crazed weasel until you're exhausted. Well, that's exciting, but it's not enough for us. We wanted a more complex experience with a greater dynamic range: we wanted to be able to plan a reasonable strategy, make intelligent tactical decisions based on the situation, and then have to fight like crazed weasels when the enemy closed in. We think we've achieved this goal.

Not-so-incidentally, we also wanted to reproduce at least some of the thrills and challenges facing a U.S. Army Ranger in a desperate situation. We think we've achieved that as well. However, our game differs from most real combat situations in two important ways. First, a commando raid is not a typical wartime experience. Elite specialists like Rangers are selected as much for independence as for toughness and combat skill; they are expected to be able to go it alone when necessary and do the job with little or no support. But real wars aren't won by commando raids, they're won by legions of disciplined troops who support each other at every move. Even the Rangers usually work in close contact with other units. The lone warrior makes a great game subject, but that's not the way it usually happens.

The second big difference is that in games no one really gets killed. Or hurt, or maimed, or mentally shattered. We could simulate all of that if we wanted to, in detail — make this like a real combat experience, yes sirree. But we wouldn't like that game one little bit, and neither would you (we hope). We're not in this business to shock, horrify, or batter the sensibilities of our customers — we're here to entertain you. Deadly combat, dreadful though it may be, is also exciting and fascinating, and those are the aspects we choose to emphasize. After all, it's only a game — and anybody who tells you otherwise is insulting your intelligence by implying you can't tell the difference.

A few final notes: Scott wants you to be sure to note the way the various soldiers move around each other without getting confused about who-overlaps-who. Iris wants you to take the time to admire the soldiers themselves. Due to computer memory limitations, we only gave her a few animation frames to work with, but she did wonders with them. Lawrence wants you to know that he's responsible for the opinions expressed in the preceding paragraphs, so if you disagree, you can blame him. We all hope you'll get many evenings of fun out of Airborne Ranger. Drop us a line and let us know what you think of it.

THE AIRBORNE RANGER DESIGN TEAM

August, 1987

COPYRIGHT NOTICE

COPYRIGHT © 1987 BY MICROPROSE SOFTWARE, INC. ALL RIGHTS RESERVED. This manual and the computer programs and audiovisuals on the accompanying floppy disks, which are described by this manual, are copyrighted and contain proprietary information belonging to MICROPROSE SOFTWARE, INC. No one may give or sell copies of this manual or the accompanying disks or of listings of the programs on the disks to any person or institution, except as provided for by written agreement with MICROPROSE SOFTWARE, INC. No one may copy, photocopy, reproduce, translate this manual or reduce it to machine readable form, in whole or in part, without the prior written consent of MICROPROSE SOFTWARE, INC. Any person/persons reproducing any portion of this program, in any media, for any reason, shall be guilty of Copyright Infringement, and shall be subject to civil liability at the discretion of the copy holder.

LIMITED WARRANTY

Neither MICROPROSE SOFTWARE, INC. nor any dealer or distributor makes any warranty, express or implied, with respect to this manual, the disk or any related item, their quality, performance, merchantability, or fitness for any purpose. It is the responsibility solely of the purchaser before purchasing, to determine the suitability of the products for any purpose. Some states do not allow limitations on implied warranties or how long an implied warranty lasts, so the above limitations may not apply to you.

As a condition precedent to the warranty coverage provided below and to insure identification, the original purchaser must complete and mail to MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, Maryland 21030, within 30 days after purchase, the Registration/Warranty card enclosed in this product. To the original purchaser only, MicroProse Software, Inc. warrants the media to be free from defects in materials for 90 days. If during the first 90 days after purchase a defect in media should occur, the software may be returned to MicroProse Software Inc., who will replace the media at no charge. If at any time after the initial 90 day period your media becomes defective, the media may be returned to MICROPROSE SOFTWARE, INC for replacement at a \$10 service charge.

In no case will MicroProse Software, Inc. be held liable for direct, indirect or incidental damages resulting from any defect or omission in the manual, or other related items and processes, including, but not limited to, any interruption of service, loss of business, anticipated profit, or other consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

IMPORTANT: The above warranty does not apply if you make any unauthorized attempt to modify or duplicate the product, or if the product has been damaged by accident or abuse. The above warranty is invalid if the program is used by you or a third party for a commercial purpose, or rented, leased, or loaned to a third party. Any use of the program which is prohibited under this warranty may subject the user to liability for Copyright Infringement.

MICRO PROSE
SIMULATION • SOFTWARE

2, Market Place, Tetbury, Gloucestershire GL8 8DA

Tel:(0666)54326

Fax:(0666)54331 Tlx:43422MPS UK G

MICRO PROSE

A collection of various aircraft including a biplane, a multi-engine propeller plane, a fighter jet, and a submarine. The biplane is at the top, the multi-engine plane is in the center, the fighter jet is on the right, and the submarine is at the bottom. The background is a blue sky with a sunset or sunrise horizon.

**THE ACTION IS SIMULATED.
THE EXCITEMENT IS REAL.**

MICROPROSE NEWS

Inside this catalogue, you will find one of the world's most popular ranges of simulation software – a range of products that has earned MicroProse its reputation as a publisher of innovative high-quality and realistic simulations that provide years of entertainment.

LATEST RELEASES!

Project Stealth Fighter

A fighter aircraft so advanced, so secret that the U.S. Military refuses to admit that it exists. You can fly the most advanced aircraft in the world, on one of the most advanced simulations in the world, using the invisible cloak of stealth technology to disguise your approach, until you unleash the awesome weaponry of the F-19 stealth fighter.

Airborne Ranger

Another innovation from MicroProse... the Action-Simulation! You are a member of the elite U.S. Rangers, parachuted behind enemy lines. This brand new release from MicroProse is taking the simulation world by storm, with its full-scrolling 3-D graphics showing all of the action in 12 exciting missions.

COMING SOON! Red Storm Rising

THESE EXCITING PRODUCTS ARE ALSO AVAILABLE FROM MICROPROSE

ORIGIN SYSTEMS INCS., record of creating cult-status entertainment software ensures that every time you load an Origin game, you'll get more and more hooked!

Fantasy role playing with the classic Ultima series and Moebius, or strategy role playing with Autoduel and Ogre – get into Origin Systems, and discover the start of something new. See inside back cover for details.

SPRINGBOARD SOFTWARE is one of the world's leading developers of publishing software, with an exciting range of software that allows you to realise the true potential of your computer! Newsroom Pro, for example, is an exceptionally versatile 'DTP' (Desktop Publishing) program, enabling you to produce professional quality newsletters and documents. To find out more about the endless possibilities of DTP with Springboard, see the inside back cover.

SUNCOM are renowned for setting the standards in joystick technology, with 2-year guarantees on most joysticks, and a range that covers all micros. For the more serious computer user, there's an exciting range of budget price (but not budget quality!) accessories, for home and office. See inside back cover for details.

BERKELEY SOFTWAREWORKS brings real power performance to the C64 and C128, with GEOS, the Graphic Environment Operating System that brings IBM and APPLE – style capabilities to the Commodore User. GEOS launched to great acclaim in 1986, uses the latest 'WIMPS' (windows, loons, mouse, pointer) technology to put you into major league computing.

The Longer-Lasting Challenge

MicroProse's aim is to produce the most entertaining, challenging and realistic computer simulations on the market.

Simulations that provide endless hours of constructive entertainment.

An ambitious aim undoubtedly, but one we have achieved time and time again.

Every MicroProse simulation provides hundreds of hours of exciting entertainment. Our products are more than a test of your eye-to-hand co-ordination.

They test your decision-making skills, your leadership qualities, your ability to handle large amounts of information. Even your nerve.

Authentic detail and gripping action have been masterfully combined to produce highly accurate simulations. At MicroProse extensive research is always followed by careful programming, then rigorous testing.

The result is a level of sophistication unmatched by other similar products.

Every simulation comes complete with interesting, informative and easy-to-follow documentation.

MicroProse products are available in quality retail outlets or by mail order.



Dear Competitor,
Congratulations on rising to the challenge offered by MicroProse simulation software.
At last, you can participate in thrilling adventures which previously you could only experience passively through books or films.

Here at MicroProse in the USA, we produce highly realistic simulations. Not games. We put you in the driving seat to prove just how good you are.

Whether you're piloting a 1930s mail plane through the Rocky Mountains, breaking the sound barrier in F-15 Strike Eagle, or commanding the allied forces of Europe in World War II, you'll face real-life dangers and need to make real-life decisions and judgements.

It's not easy. That's why each simulation will provide you with fun and excitement for a long, long time.
We've enjoyed developing these simulations. Every one has been thoroughly researched to ensure absolute authenticity.

(Take Solo Flight for example - forty pilots playtested it for realism before it was released onto the market). We hope you get as much enjoyment from using them.

Good luck. And a word of warning - these simulations can be ADDICTIVE.
Regards,

Bill Stealey
Major Bill Stealey
U.S.A.F. RESERVE
PRESIDENT MICROPROSE SOFTWARE

Points of View

MicroProse are dedicated to producing the kind of products that you - our customer - find fun, exciting and interesting. We'd like to hear any comments you have about our products. If you have any suggestions on how we can improve our product line, or ideas for new simulations, tell us. Write to us at the address below.

Software Authors

MicroProse is a leader in the home entertainments market with an extensive marketing and distribution presence. If you are a software author with a completed product, or if you have a project you would like us to consider for publication, write to the address below.

MicroProse Software Ltd, 2 Market Place, Tetbury, Gloucestershire, GL8 8DA.

Tel: (0666) 54326. Telex: 43422 MPS/UKG.

Gunship

The Challenge of Flying a



Helicopter Gunship

Become part of the high-tech cavalry of today's army. Gunship is a highly accurate simulation of the AH-64 Apache, one of the most advanced warrior helicopters.

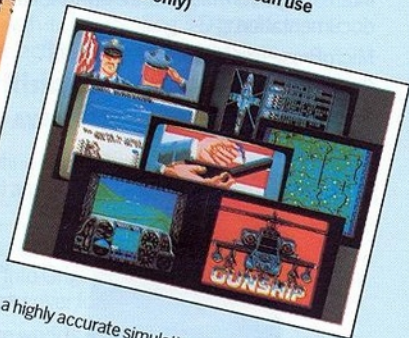
Experience the thrill, excitement and challenge of attack helicopter flying. As pilot you'll be sent on dangerous missions to combat hotspots around the world. Use the same flight controls, instrumentation and weapon systems as real AH-64 pilots. Your high-performance helicopter will have superb manoeuvrability to race low and deadly, hover, sideslip, fly backwards, rotate or go into a screaming powerdrive. Yet, to accomplish each mission you'll need to use your intelligence and judgement. Even your cunning. Gunship has been developed with the guidance of real attack helicopter pilots. If you've got the skill to survive, the simulation rewards you with medals and promotions.

"Take all your combat flight simulators and stick them in the bin. Gunship is the ultimate." —
Marshall M. Rosenthal. C & VG.

Design and CBM 64 version by Sid Meier and Andy Hollis.

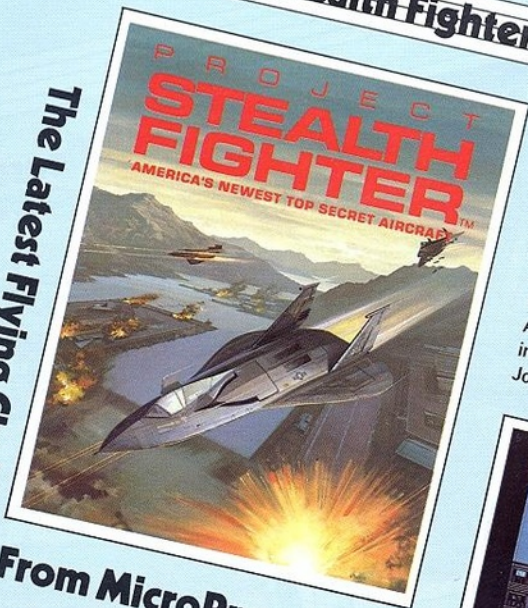
The Helicopter Simulation

- Simulation of high-speed, low-level flight
- Revolutionary 3-D graphics
- Multiple real-life missions
- Advanced weapon systems and instrumentation
- Rewards for successful missions
- Comprehensive Flight Operations manual
- Joystick and keyboard controlled (IBM and compatibles can use keyboard only)



Project Stealth Fighter

The Latest Flying Challenge



New Release

- Highly realistic simulation
- Based on extensive research
- Sophisticated 3-D out-of-cockpit view
- Advanced 'heads-up' display
- Multiple missions
- Advanced weaponry and instrumentation
- Joystick and keyboard controlled



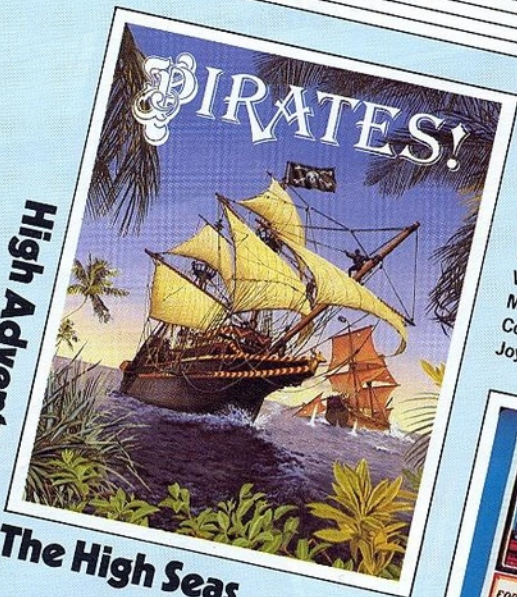
From MicroProse

Stealth aircraft is the hottest topic of discussion in aviation today. The U.S. government is developing these top secret, radar-elusive jets to be flown on highly sensitive missions. Now the MicroProse aviation experts have extensively researched the aircraft's capabilities to create a challenging and powerful simulation. As pilot experience the thrill, danger and suspense of flying a stealth plane on clandestine missions. Use an incredible array of state-of-the-art equipment, closely monitoring your electromagnetic profile while executing a deep-strike raid over North Africa or a reconnaissance flight over Eastern Europe. Concealment is your greatest weapon, but you're not invisible. A combination of combat skills and astute decision making is needed to survive this simulation.

The Top Secret Jet Simulation

Pirates!

High Adventure On



The High Seas

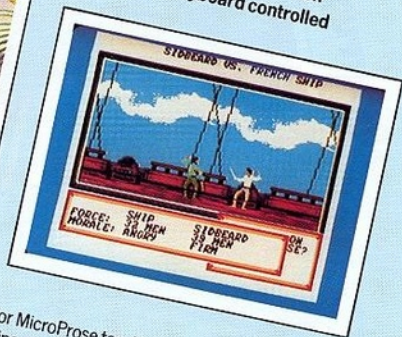
Pirates! is the world's first swashbuckling simulation and a first for MicroProse too. Here, the challenge of simulation decisionmaking has been innovatively combined with the storyline of a text adventure. The result? An exciting historical simulation of 17th century life on the Spanish Main.

As Privateer Captain – a pirate in all but name – sail the Caribbean, raiding treasure-laden ships and plundering rich ports. Face realistic dangers, including the risk of mutiny.

There's swordplay aplenty, but to succeed you must also be a brilliant seaman and astute trader. Choose the most lucrative expeditions, forge the most fruitful alliances and negotiate the greatest profits. Your rewards? Status, power, even romance. How will you end your days? A titled noble or common scoundrel?

New Release

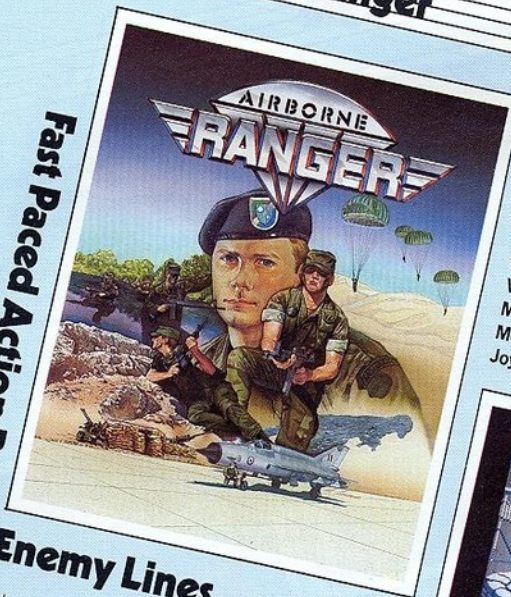
- Simulation of 17th century life on the Spanish Main
- Non-stop action and decisionmaking
- Extensive graphics with 70 different scenes
- Various difficulty levels
- Map of Caribbean
- Comprehensive documentation
- Joystick and keyboard controlled



The Action-Adventure Simulation

Airborne Ranger

Fast Paced Action Behind Enemy Lines



New Release

- Simulation of action behind enemy lines
- 12 exciting missions
- Full-scrolling 3-D graphics
- Various terrains to encounter
- Multiple enemy threats
- Modern weaponry
- Joystick and keyboard controlled



Airborne Ranger is an exciting new type of simulation from MicroProse. For the first time, arcade-type action has been superbly combined with the complexity and challenge of simulation. This time your goal isn't to control a fighting machine, but one soldier's battle against overwhelming odds. As a member of the elite corps – chosen for your courage, ingenuity and special skills – parachute behind enemy lines armed only with a machine gun and hand grenades. Dangerous solo missions range from rescuing hostages from a terrorist prison to infiltrating the headquarters of an enemy unit. You can run, walk or crawl across full-scrolling 3-D terrain using trees, bushes and ravines to avoid the enemy or set up an ambush. But, if you're going to survive, each mission must be carefully planned and finely executed. Airborne Ranger puts your strategic skills, reflexes and courage to the test.

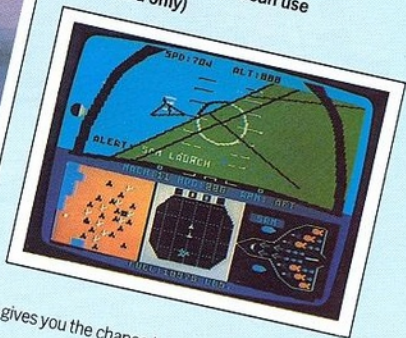
The Action-Simulation

F-15 Strike Eagle

The Thrilling Challenge of Air Combat



- Realistic combat flight simulation
- Outstanding 3-D graphics
- Multiple combat missions
- Various skill levels
- Full cockpit instrumentation
- Hundreds of exciting scenarios
- Comprehensive Flight Operations manual
- Joystick and keyboard controlled (IBM and compatibles can use keyboard only)



Pilot the world's most advanced fighter plane. F-15 Strike Eagle gives you the chance to prove how good you really are in exciting jet fighter combat. This simulation offers continuous challenges as you go on dangerous missions around the world. Defend yourself against heat seeking missiles, radar-guided missiles and enemy aircraft. You'll use realistic flight, weapon and information systems, but survival depends on you. It depends on how well you analyse and respond to tactical situations. And on your judgement, skill and courage. F-15 Strike Eagle is a classic simulation that puts you in the middle of the action in your own high performance fighter.

"If you're looking for a chance to experience some high adventure and danger in a realistic and challenging format F-15 Strike Eagle is for you" - RUN

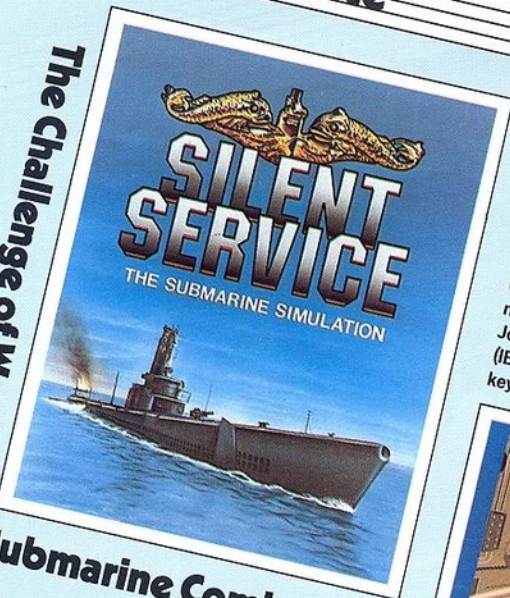
Design and Atari version by Sid Meier. CBM 64 version by Grant Irani. Apple II version by Jim Synoski. IBM PC version by Randall Masteller.

The Combat Fighter Simulation

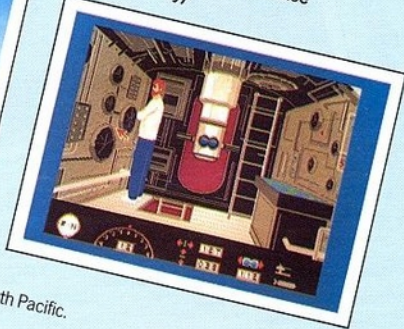
"This game has been heralded as the most accurate submarine simulation ever written. I'm afraid that I must agree!" — Computer Gamer

Silent Service

The Challenge of World War II



- Exciting submarine simulation
- Superb graphics
- Sophisticated attack plotting system
- Accurate historical scenarios
- Sound effects
- Various 'reality levels'
- Comprehensive Tactical Operations manual
- Joystick and keyboard controlled (IBM and compatibles can use keyboard only)



Submarine Combat

Captain your own World War II submarine in the treacherous South Pacific. Silent Service is an ultra-realistic simulation of undersea warfare.

The submarine features all the critical battle stations like the engine room, conning tower and ship's bridge. You must use accurate maps and charts of the Southwest Pacific and a sophisticated attack plotting system.

On missions you'll not only face the threat of single ships, but heavily escorted convoys.

The pressure is intense as you find, attack and sink the enemy's shipping. Actions and decisions are constantly required and you can customize complexity by selecting various 'reality levels'.

Silent Service is a challenging test of your strategic thinking abilities.

"... a mind-blowing submarine simulation which arrives with the most impeccable of credentials!" —

Mike Cowley

Design and CBM 64 version by Sid Meier. Atari/IBM versions by Randall Masteller. Apple version by Jim Synoski.

The Submarine Simulation

"An exciting flight simulator which has plenty to offer." - ZAPP!

Acrojet

The Exciting Challenge of Sport Flying



Realistic advanced flight simulation
Outstanding 3-D graphics
Full cockpit instrumentation
"In the slot" 3-D flying perspective
Game mode for up to 4 players
Comprehensive Operations manual
Joystick and keyboard controlled



Try aerobatic flying. Acrojet is an exciting, realistic simulation of the BD5-J jet—a fully acrobatic sports plane. It features outstanding 3-D graphics, sophisticated instrumentation (including multiple CRT and digital electronics), and lightning fast joystick response. Experience the thrill and split second action of performing some of the most difficult, terrifying manoeuvres possible. The simulation allows you to practise first at high altitude, then to advance to low altitude flying. There's now no room for human error. Acrojet pilots can compete in the Decathlon of Sports Aviation Events. The winner becomes the World's Greatest Sport Pilot. Events include the death defying Inverted Ribbon Cut and Cuban Eight.

"(Acrojet is a) flight simulator which proves addictive and fun to fly!" - ZAPP!

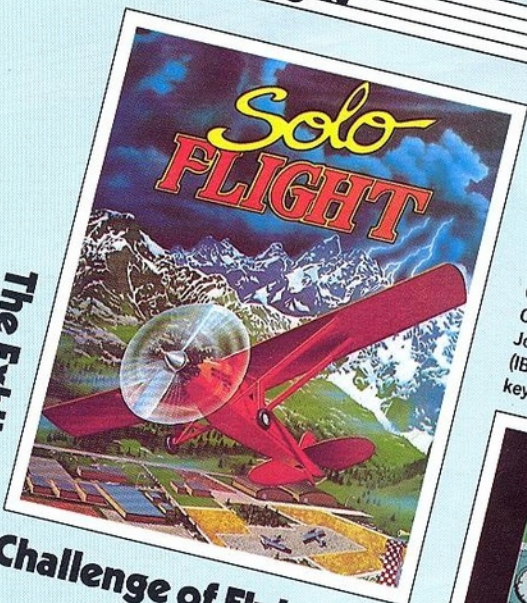
Design and CBM 64 version by William F. Denman, Jr. and Edward D. Hill, Jr.

The Sports Jet Simulation

"(Solo Flight) is very good indeed and can be heartily recommended". - Atari User

Solo Flight

The Exhilarating



Challenge of Flying Solo

Realistic primary flight training
Outstanding 3-D graphics
Various skill levels
Full cockpit instrumentation
Instructor option with speech (CBM 64 and Atari 8-bit only)
Game mode: Mail Pilot Mission
Comprehensive Operations Manual
Joystick and keyboard controlled (IBM and compatibles can use keyboard only)



Experience the fun and excitement of flying your own plane. Solo Flight is a sophisticated flight simulator, suitable for novices and experienced pilots alike.

It features outstanding 3-D graphics, full cockpit instrumentation and air navigation maps. (Speech synthesis is also included on the Commodore 64 and Atari 8-bit versions). This simulation takes you from your first take-off to dangerous cross country navigation under both visual and instrument flight rules.

The ultimate test of your skill as a pilot is the Mail Pilot Mission. It's a tough, thrilling race to deliver mail to 21 American airports. Brave real-life challenges from weather, instrument and mechanical emergencies as you hop from runway to runway.

"Unlike the majority of flight simulations, Solo Flight's graphics are excellent". - Commodore User

Design and Atari version by Sid Meier. CBM 64 version by Grant Irani. New CBM 64 version by John Kutcher. Apple version by Andy Hollis. IBM PC version by Randall Masteller.

The Primary Flight Simulation

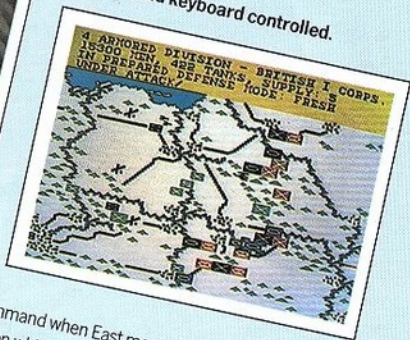
"... superb strategic simulation" - Computer Gaming World

NATO Commander

Defending Europe from
Soviet Invasion



Accelerated real-time simulation
Excellent graphics
Five exciting battle scenarios
Various skill levels
Save game feature
Demonstration mode
Comprehensive manual with tactical tips
Joystick and keyboard controlled.



Test your skills as a strategist. Nato Commander puts you in command when East meets West. This is an intense, East meets West heart-pounding war simulation which demands both skill and courage. Conflict takes place in accelerated real-time to ensure absolute realism. As Nato Commander you use a scrolling map of Europe to deploy, manoeuvre and command your battle units. To keep you informed of the constantly changing situation you will receive radio, teletype and news service messages. Actions and decisions are constantly required to stop the ever advancing Warsaw Pact battle units. Nato Commander is a revealing test of your leadership qualities and judgement.

"... Nato Commander is a unique, fast, challenging and never boring strategy game" - The Wargamer

Apple version by Jim Synoski. Atari version by Sid Meier. CBM 64 version by Al Duffy.

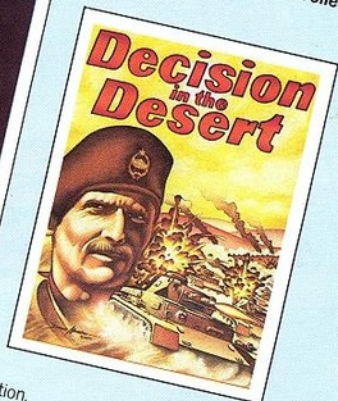
The Strategic War Simulation

Design by Sid Meier and Ed Bever. Apple version by Jim Synoski. Atari, CBM 64 versions by Sid Meier. IBM PC version by Don Awalt.

Conflict in Vietnam



Accelerated real-time simulation
Excellent graphics and sound
'What if' variants
Historic accuracy
Various skill levels
Single and two-player modes
Joystick and keyboard controlled.



Challenging

Strategic Combat

Conflict In Vietnam is another exciting Command Series simulation. This time you are in command as five of the decisive battles of the Vietnam War are recreated.

Experience all the dangers, victories and defeats of that intense, agonizing period of American involvement in the struggles for Southeast Asia.

Either battle solo against the computer, or head-to-head against an opponent. The non-stop action takes place in accelerated real-time to ensure absolute accuracy.

Conflict In Vietnam challenges your leadership qualities; you must make constant decisions in order to accomplish missions in this hostile environment where it is never clear who is enemy or ally.

How would the history books read if you have been in command at the Battle of El Alamein? Decision In The Desert gives you the chance to find out.

This is another strategic simulation in the Command Series. Five of the most important battles of World War II's North Africa campaign are accurately recreated. It's up to you to decide how to deploy tanks, artillery, air cover and combat divisions.

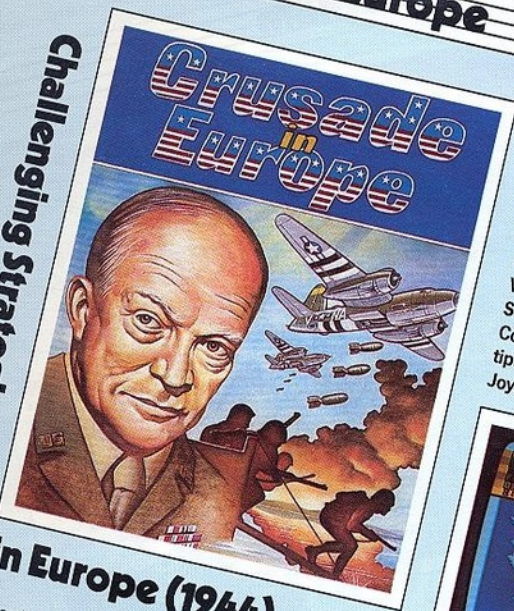
Like all MicroProse's strategic war simulations, the non-stop action takes place in accelerated real-time. You can choose to command the troops of either side, or challenge an opponent to compete head-to-head against you. Decision In The Desert has been extensively researched and each scenario includes tactical tips and in-depth historical backgrounds.

Decision in the Desert

"(It offers) really excellent value for money, coupled with clever use of graphics, sound and screen scrolling" - Commodore

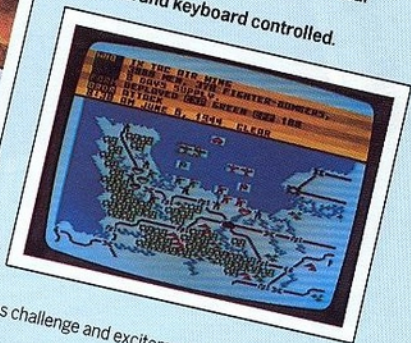
Crusade in Europe

Challenging Strategic Combat



in Europe (1944)

- Accelerated real-time simulation
- Excellent graphics and sound
- Exciting World War II scenarios
- 'What if' variants
- Historic accuracy
- Various skill levels
- Single and two-player modes
- Comprehensive manual with tactical tips
- Joystick and keyboard controlled.



Crusade In Europe is a Command Series product which provides challenge and excitement in an historically accurate, easy-to-play simulation. It puts you in command to lead your troops through one of the greatest campaigns of World War II. Experience all the dangers and excitement of being Supreme Commander in the Battle of the Bulge, Battle for Normandy, Race for the Rhine, Operation Market Garden and the Battle for France. Non-stop action takes place in accelerated real-time. Choose whether to battle solo against the computer, or head-to-head against an opponent. In either situation you must maximise use of your resources. Success depends on your ability to analyse and respond to tactical situations. This simulation faithfully recreates some of the most intense moments of World War II and gives you the opportunity to re-shape history.

Design by Sid Meier and Ed Bever. Apple version by Jim Synoski. Atari, CBM 64 versions by Sid Meier. IBM PC version by Don Awalt and Edward D Hill Jr.

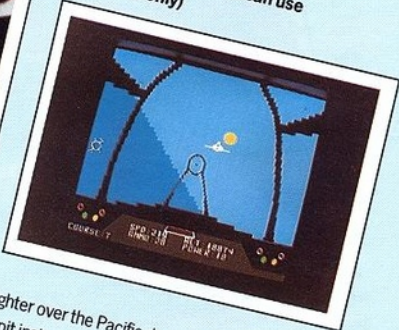
The Strategic War Simulation

Hellcat Ace

Challenging World War II Aerial
Combat Over the Pacific



- Exciting aerial combat simulation
- Outstanding 3-D graphics
- Multi-player mode
- 14 historically accurate missions
- 1 fictitious mission
- Various skill levels
- Realistic cockpit instrumentation
- Easy-to-follow Operations manual
- Joystick and keyboard controlled (IBM and compatibles can use keyboard only)



Experience the thrill, excitement and fear of piloting a combat fighter over the Pacific during World War II. Hellcat Ace features outstanding 3-D graphics and realistic cockpit instrumentation. There are fourteen different missions to test your skill and courage. Each one is historically accurate. To become an Ace you must perform advanced aerobatics: fly loops, Immelmans and other difficult manoeuvres. In the solo mode you can battle head-to-head in aerial dogfight against computer controlled aircraft. Alternatively, up to four contestants can compete for the distinction of becoming the World's Greatest Fighter Pilot.

Design and Atari version by Sid Meier. CBM 64 version by Ron Verovsky and Dale Gray. IBM PC version by Don Awalt.

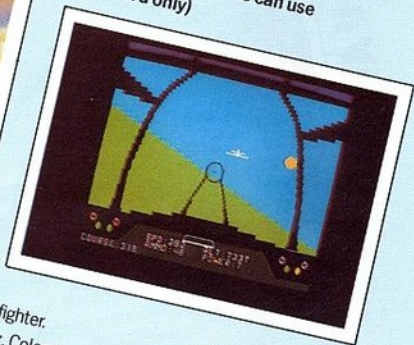
The Aerial Combat Simulation

Spitfire Ace

Challenging World War II Aerial
Combat Over Europe



Excellent aerial combat simulation
Outstanding 3-D graphics
Multi-player mode
Historically accurate scenarios
Various skill levels
Realistic cockpit instrumentation
Easy-to-follow Operations manual
Joystick and keyboard controlled
(IBM and compatibles can use
keyboard only)



This simulation puts you in the cockpit of a World War II combat fighter. This time your missions will be in Europe: London during the Blitz, Cologne, and the D-Day invasions of France among others.

Your goal is to survive five missions and become an Ace. Apart from having nerves of steel, you must possess superior flying skills: learn to loop, roll inverted and Immelmann. You can choose to battle head-to-head in aerial dogfight against computer controlled aircraft, or against opponents for the World's Greatest Fighter Pilot title. Both options are a test of your skill and courage.

"... lots of options, good use of music and colour and very realistic flying simulation" -- Software Retailing

Design and Atari version by Sid Meier. CBM 64 version by Ron Verovsky and Dale Gray. IBM PC version by Don Awalt.

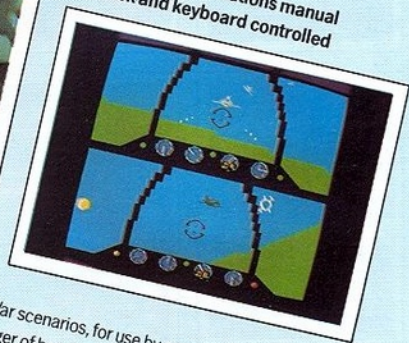
The Aerial Combat Simulation

MIG Alley Ace

Challenging One-To-One Air
Combat Over Korea



- Exciting aerial combat simulation
- Outstanding 3-D graphics
- Solo and two-player mode
- Five Korean War scenarios
- Various skill levels
- Full cockpit instrumentation
- Easy-to-follow Operations manual
- Joystick and keyboard controlled



Mig Alley Ace is a highly realistic simulation of actual Korean War scenarios, for use by one or two players. As pilot of a U.S. jet fighter experience the excitement and danger of head-to-head dog fighting. In this simulation you can either challenge your opponent or stage a thrilling, co-operative attack against the computer. (The screen is split to provide each player with realistic cockpit instrumentation). Alternatively, in the solo mode, compete for high scores and ranking against computer controlled enemy aircraft. To win the battle for air superiority you must demonstrate superior flying skills: roll inverted, execute splits, loop and Immelmann. In this simulation you risk being shot right out of the sky.

"Mig Alley Ace is a must for any ... game fanatic" - Analog

Atari and CBM 64 versions by Andy Hollis

The Aerial Combat Simulation

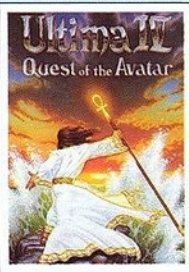
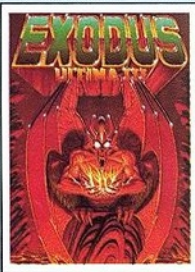
MICRO PROSE

SIMULATION • SOFTWARE

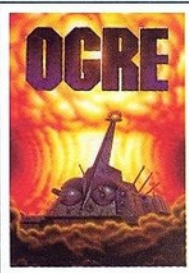
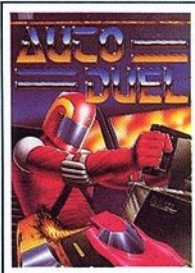
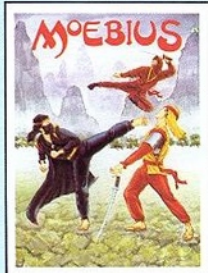
Other Products Available From MicroProse



A New Dimension In Fantasy Role-Playing



Soon

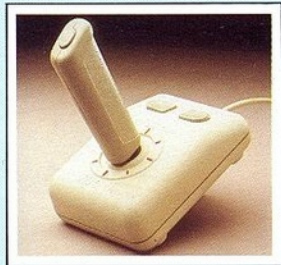
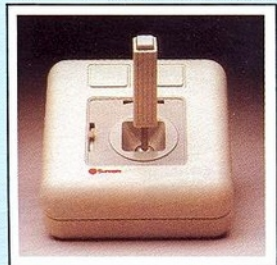


Soon

The Suncom logo consists of a stylized sun icon with three horizontal lines below it, followed by the word "Suncom" in a bold, sans-serif font.

Suncom

The Best Joysticks Under The Sun



MICROPROSE MAIL ORDER

MicroProse software and merchandise can be ordered by post, or by telephone if you are paying by credit card.

TELEPHONE ORDERS

Visa/Access card holders may phone 0666 54326. Please have your order details and credit card ready to hand when you telephone.

MAIL ORDERS

Complete the Order Form and return to MicroProse Software Ltd, 2 Market Place, Tetbury, Glos. GL8 8DA. Cheques and Postal Orders should be crossed and made payable to MicroProse Ltd. No personal foreign cheques accepted. Please allow 28 days for delivery.

POST & PACKAGING:
UK £1.00 OVERSEAS
£2.50 PER ITEM.

Product	CBM64/128		Atari XE/XL		Spectrum 48/128k		Spectrum +3		Amstrad 464/6128		Atari ST		IBM PC compatibles		Apple		Commodore Amiga		Apple 2GS		MSX 1/2	
	Cass	Disk	Cass	Disk	Cass	Disk	Cass	Disk	Cass	Disk	Cass	Disk	Cass	Disk	Cass	Disk	Cass	Disk	Cass	Disk	Cass	Disk
Gunship	£14.95	£19.95			£9.95	£12.95	£14.95	£19.95	£14.95	£19.95	£24.95	£24.95	£34.95									
Pirates	£14.95	£19.95			£9.95	£14.95	£19.95		£14.95	£19.95			£24.95									
Project Stealth	£14.95	£19.95			£9.95	£12.95	£14.95	£19.95	£14.95	£19.95												
Airborne Ranger	£14.95	£19.95			£9.95	£12.95	£14.95	£19.95	£14.95	£19.95												
F15 Strike Eagle	£9.95	£14.95	£9.95	£14.95	£9.95	£9.95	£9.95	£9.95	£9.95	£14.95	£24.95	£21.95	£21.95									£14.95
Silent Service	£9.95	£14.95	£9.95	£14.95	£9.95	£9.95	£9.95	£9.95	£9.95	£14.95	£24.95	£24.95	£24.95									£24.95
Acrojet	£9.95	£14.95			£9.95				£9.95	£14.95		Soon										
Solo Flight	£9.95	£14.95	£9.95	£14.95	£9.95								£19.95									£14.95
Kennedy Approach	£9.95	£14.95	£9.95	£14.95	£9.95						Soon											
Conflict in Vietnam	£14.95	£19.95	£14.95	£19.95	£14.95	£14.95	£19.95						£24.95									
Crusade in Europe	£14.95	£19.95	£14.95	£19.95	£14.95	£14.95	£19.95						£24.95									
Decision in the Desert	£14.95	£19.95	£14.95	£19.95	£14.95	£14.95	£19.95						£24.95									
Nato Commander	£9.95	£14.95	£9.95	£14.95	£9.95	£14.95	£19.95						£17.95									
Spiffire Ace	£9.95	£14.95	£9.95	£14.95	£9.95	£14.95	£19.95						£17.95									
Hell Cat Ace	£9.95	£14.95	£9.95	£14.95	£9.95	£14.95	£19.95															
Mig Alley Ace	£9.95	£14.95	£9.95	£14.95	£9.95	£14.95	£19.95															

F15 is also available on Amstrad PC1512 at £21.95 Available Autumn/Winter 1987

Software Title	Disk	Cassette	Computer	Quantity	Amount
TOTAL INC £1.00 P&P (UK only)					

Name (Block Caps) _____ Address _____

Postcode _____ Daytime Tel: _____

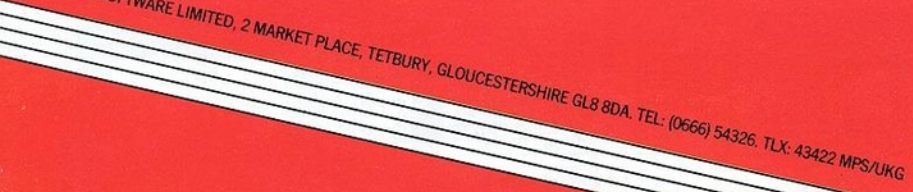
Expiry Date _____

Access/Visa Card No.



MICRO PROSE
SIMULATION • SOFTWARE

MICROPROSE SOFTWARE LIMITED, 2 MARKET PLACE, TETBURY, GLOUCESTERSHIRE GL8 8DA. TEL: (0666) 54326. TLX: 43422 MPS/UKG





**COMMODORE
C-64/128**

Introduction...

Welcome to AIRBORNE RANGER, the game of modern combat behind enemy lines. This supplement includes instructions on how to load the program (including troubleshooting tips) and a summary of joystick and keyboard controls. It does not include instructions on how to play the game. To start playing immediately, open the AIRBORNE RANGER FIELD MANUAL to page 6, "How to Play Without Reading the Manual," and follow the instructions there.

System Requirements...

1. Commodore C64/C64C/C128
2. Commodore 1541 or 1571 disk drive
3. Joystick

Loading...

1. **Turn off your computer** and disk drive
2. **Attach one joystick in port #2.** Do NOT leave a joystick in port #1 (a joystick there can scramble the keyboard controls).
3. **Turn on your disk drive.** WARNING: Do NOT leave a disk in the drive when you turn it on or off - your disk could be damaged.
4. **Remove all cartridges** from your computer.
5. **Insert the AIRBORNE RANGER disk**, label upward, into the disk drive. Close the drive door latch.
6. **Turn on your computer.**
 - On a C128 computer, AIRBORNE RANGER loads automatically.
 - On a C64 or C64C, you must type the following to load the program:
Load "*", 8, 1 and press **RETURN**

Note: After loading, leave the disk in the drive

7. **Have a spare disk handy.** You'll need a blank disk to save your Ranger. It doesn't have to be formatted since a special format disk routine can be selected within the Save Ranger sequence.

Troubleshooting...

- If the program does not load or run correctly, turn off BOTH the computer and the disk drive. Leave them off for at least 10 seconds, then try again.
- If it still doesn't load or run correctly, turn off your computer, disk drive and all other attached equipment. Disconnect attached peripheral devices such as printers, modems, light pens etc. AIRBORNE RANGER uses memory in odd locations and sometimes attached equipment tries to use this RAM memory too, destroying necessary parts of the game program.
- Try loading the program on another machine. If it loads correctly on that machine, your difficulties are in your hardware. The most common problem is that disk drive speed or alignment (especially alignment) is off. Have a local dealer or service department readjust the disk drive. Be sure to treat your disk drive carefully - something as minor as a gentle bump can throw it out of alignment.
- The C64 version of AIRBORNE RANGER uses a proprietary fast-load-from-disk routine. (This greatly speeds disk access time, and is faster than cartridge-based fast load programs). Do NOT attempt to use a cartridge fast-load program with AIRBORNE RANGER. Similarly, non-Commodore disk drives may or may not work, depending on their level of compatibility with the 1541 and 1571 drives.
- If you still have trouble loading on other machines as well as your own, you may be one of the tiny percentage who receive a defective disk despite our quality checks. However, we find that hardware problems are (regrettably) much more frequent than damaged disks.
- If you have further problems, contact MicroProse Customer Service at (301) 771-1151 Monday through Friday, 9 a.m. - 5 p.m. EST. Please have pencil and paper handy before your call.

Commodore C-64 and C128 are trademarks of Commodore Electronics, Ltd.

Controls Summary

The controller referred to in the manual is your JOYSTICK.

Airdrop Sequence

To steer aircraft left, right: Push JOYSTICK left or right.

To drop supply pods: Press JOYSTICK FIRE BUTTON before jump light turns green.

To jump from aircraft: Press JOYSTICK FIRE BUTTON after

To steer parafoil: Push JOYSTICK in direction you want to go.

Movement

To move: Push JOYSTICK in direction you want to go.

To run: Press either CRSR key. Note that combat indicator in upper left corner changes from black background to white to indicate running condition. To return to walking, press CRSR again.

Attacking:

To aim: Use JOYSTICK to rotate Ranger until aiming in desired direction. Line up the Target Crosshair with the target.

To attack: Press the JOYSTICK FIRE BUTTON to shoot (or stab, if using Knife).

Weapon Selection:

Carbine: Press the f1 key.

Hand Grenade: Press the f3 key. Weapon selected returns to Carbine after each use.

Law Rocket: Press the f5 key. Weapon selected returns to Carbine after each use.

Knife: Press the f7 key.

Time bomb (five second delay): Press the 5 key.

Time bomb (ten second delay): Press the 6 key.

Time bomb (fifteen second delay): Press the 7 key.

Other Controls

To use First Aid: Press the INST DEL key.

To see Map (pauses game): Press the RUN STOP key. Press key or JOYSTICK FIRE BUTTON to return to combat screen.

To Recall Aircraft: Press the



(left arrow) key.

MICRO PROSE™
SIMULATION • SOFTWARE

180 Lakefront Drive, Hunt Valley, MD 21030
(301) 771-1151



Attached Airborne Ranger side a.d64 to device#8



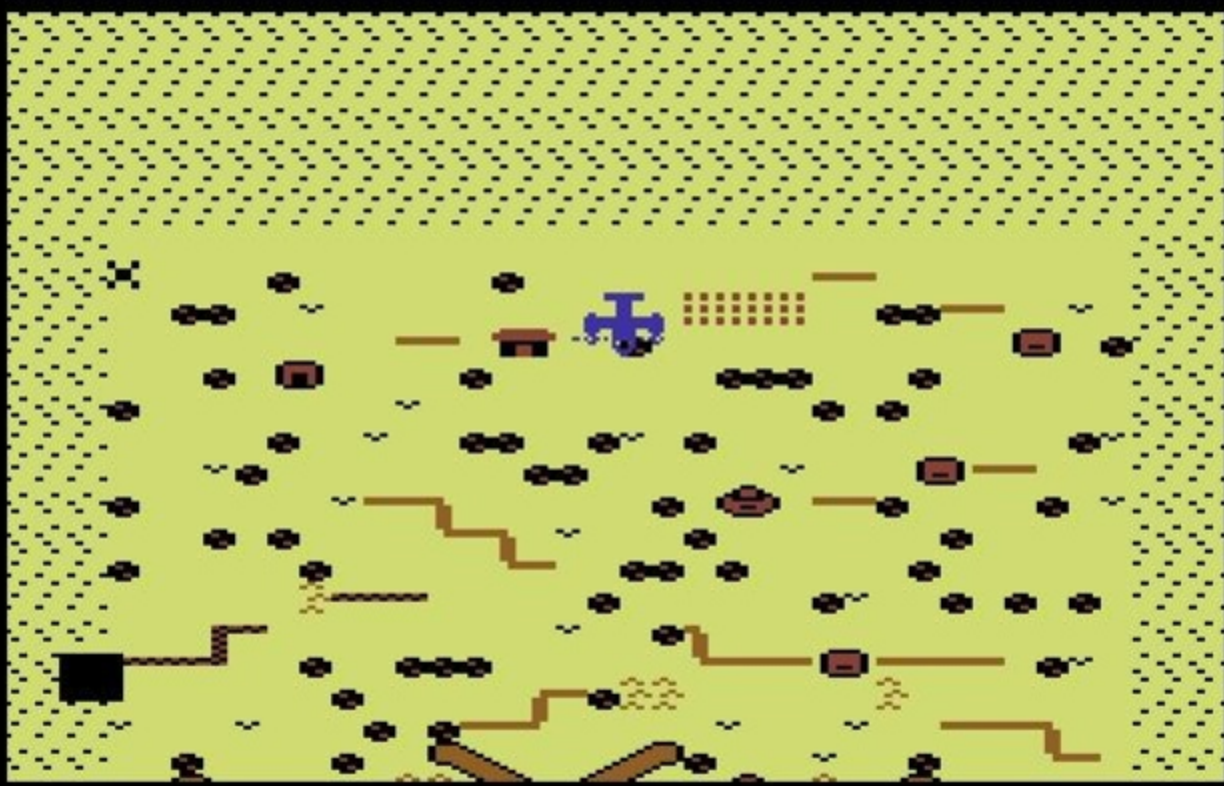
MISSION SELECTION:

Challenge
Level: 2

Please select your mission.

Destroy a Munitions Depot
Steal a Code Book
Disable Enemy Aircraft
Capture an Enemy Officer
Cut a Pipeline
Knock Out Enemy Radar Array
Disable SAM Site
Liberate a P.O.W. Camp
Photograph an Experimental Aircraft
Free the Hostages
Create a Diversion
Delayed Sabotage





Commodore 64

MICRO PROSE

SIMULATION • SOFTWARE



Airborne Ranger

TAPE 1 SIDE A

Commodore 64

MICRO PROSE

SIMULATION • SOFTWARE



Airborne Ranger

TAPE 1 SIDE B

Commodore 64

MICRO PROSE

SIMULATION • SOFTWARE



TAPE 2 SIDE A

Airborne Ranger

Commodore 64

MICRO PROSE

SIMULATION • SOFTWARE



Airborne Ranger

TAPE 2 SIDEB