



NATOTM

Combat Vehicle Handbook

Loren K. Wiseman



NATO

Combat Vehicle Handbook

Loren K. Wiseman

Introduction	1	Design: Loren K. Wiseman
Armament	2	Design: Loren K. Wiseman
Ammunition Distribution	3	Design: Loren K. Wiseman
Ammunition Record Forms	4	Design: Loren K. Wiseman
AV 206	5	Design: Loren K. Wiseman
Foden 10-Ton Truck	6	Design: Loren K. Wiseman
L60 Land Rover	7	Design: Loren K. Wiseman
M151 1/4-Ton Truck Jeep	8	Design: Loren K. Wiseman
M161 7 1/2-Ton Truck	9	Design: Loren K. Wiseman
VA 4442	10	Design: Loren K. Wiseman
AT-105 Saxon	11	Design: Loren K. Wiseman
FV 101 Spartan	12	Design: Loren K. Wiseman
FV 432	13	Design: Loren K. Wiseman
FV 510 Warrior	14	Design: Loren K. Wiseman
FV 4333 Stormer	15	Design: Loren K. Wiseman
VFA4 Saracen	16	Design: Loren K. Wiseman
VAB	17	Design: Loren K. Wiseman
Griazly	18	Design: Loren K. Wiseman
Marder	19	Design: Loren K. Wiseman
Steyr 4K 7FA-KSP	20	Design: Loren K. Wiseman
YP-408	21	Design: Loren K. Wiseman
AMX-10RC	22	Design: Loren K. Wiseman
AMX-13	23	Design: Loren K. Wiseman
AMX-13 DCA	24	Design: Loren K. Wiseman
Cougar	25	Design: Loren K. Wiseman
EBR-75	26	Design: Loren K. Wiseman
ERC-90	27	Design: Loren K. Wiseman
FV-101 Scorpion	28	Design: Loren K. Wiseman
FV-105 Sultan	29	Design: Loren K. Wiseman
FV-107 Scimitar	30	Design: Loren K. Wiseman
FV-721 Fox	31	Design: Loren K. Wiseman
Lynx	32	Design: Loren K. Wiseman
M992 FAASV	33	Design: Loren K. Wiseman
SK 105 Kfz 13	34	Design: Loren K. Wiseman
Spartanzer Luchs	35	Design: Loren K. Wiseman
SW-1 Roland	36	Design: Loren K. Wiseman
TH-301	37	Design: Loren K. Wiseman
TPz1 Flitzer	38	Design: Loren K. Wiseman
AV-21	39	Design: Loren K. Wiseman
AV-22	40	Design: Loren K. Wiseman
AV-23	41	Design: Loren K. Wiseman
AV-24	42	Design: Loren K. Wiseman
AV-25	43	Design: Loren K. Wiseman
AV-26	44	Design: Loren K. Wiseman
AV-27	45	Design: Loren K. Wiseman
AV-28	46	Design: Loren K. Wiseman
AV-29	47	Design: Loren K. Wiseman
AV-30	48	Design: Loren K. Wiseman
AV-31	49	Design: Loren K. Wiseman
AV-32	50	Design: Loren K. Wiseman
AV-33	51	Design: Loren K. Wiseman
AV-34	52	Design: Loren K. Wiseman
AV-35	53	Design: Loren K. Wiseman
AV-36	54	Design: Loren K. Wiseman
AV-37	55	Design: Loren K. Wiseman
AV-38	56	Design: Loren K. Wiseman
AV-39	57	Design: Loren K. Wiseman
AV-40	58	Design: Loren K. Wiseman
AV-41	59	Design: Loren K. Wiseman
AV-42	60	Design: Loren K. Wiseman
AV-43	61	Design: Loren K. Wiseman
AV-44	62	Design: Loren K. Wiseman
AV-45	63	Design: Loren K. Wiseman
AV-46	64	Design: Loren K. Wiseman
AV-47	65	Design: Loren K. Wiseman
AV-48	66	Design: Loren K. Wiseman
AV-49	67	Design: Loren K. Wiseman
AV-50	68	Design: Loren K. Wiseman
AV-51	69	Design: Loren K. Wiseman
AV-52	70	Design: Loren K. Wiseman
AV-53	71	Design: Loren K. Wiseman
AV-54	72	Design: Loren K. Wiseman
AV-55	73	Design: Loren K. Wiseman
AV-56	74	Design: Loren K. Wiseman
AV-57	75	Design: Loren K. Wiseman
AV-58	76	Design: Loren K. Wiseman
AV-59	77	Design: Loren K. Wiseman
AV-60	78	Design: Loren K. Wiseman
AV-61	79	Design: Loren K. Wiseman
AV-62	80	Design: Loren K. Wiseman
AV-63	81	Design: Loren K. Wiseman
AV-64	82	Design: Loren K. Wiseman
AV-65	83	Design: Loren K. Wiseman
AV-66	84	Design: Loren K. Wiseman
AV-67	85	Design: Loren K. Wiseman
AV-68	86	Design: Loren K. Wiseman
AV-69	87	Design: Loren K. Wiseman
AV-70	88	Design: Loren K. Wiseman
AV-71	89	Design: Loren K. Wiseman
AV-72	90	Design: Loren K. Wiseman
AV-73	91	Design: Loren K. Wiseman
AV-74	92	Design: Loren K. Wiseman
AV-75	93	Design: Loren K. Wiseman
AV-76	94	Design: Loren K. Wiseman
AV-77	95	Design: Loren K. Wiseman
AV-78	96	Design: Loren K. Wiseman
AV-79	97	Design: Loren K. Wiseman
AV-80	98	Design: Loren K. Wiseman
AV-81	99	Design: Loren K. Wiseman
AV-82	100	Design: Loren K. Wiseman



CREDITS

Design: Loren K. Wiseman

Research Assistance: Frank Chadwick and Frank Frey

Art Direction: LaMont Fullerton

Cover Art and Interior Color Plates: A.C. Farley

Interior Illustrations: Grant Goleash

Vehicle Illustrations: Amy Doubet and Jeff Kohl

Text Processing: Julia Martin, Michelle Sturgeon and Stephen Olle

NATO Combat Vehicle Handbook

Copyright©1991, GDW, Inc.

Made in USA. Printed in USA. All rights reserved.

ISBN 1-55878-077-7

Twilight: 2000 is GDW's trademark for its roleplaying game of World War III.



P.O. Box 1646
Bloomington, IL 61702-1646

TABLE OF CONTENTS

Introduction.....	4	UR-416.....	40
Equipment List Additions.....	4	VBL M11.....	41
Ammunition.....	4	Biber Bridgelaye.....	42
Ammunition Distribution.....	4	FV-180 CEV.....	43
Ammunition Record Forms.....	5	Leopard AEV.....	44
BV-206.....	6	Leopard ARV.....	45
Foden 10-Ton Truck.....	7	AMX-30.....	46
LWB Land Rover.....	8	EPC "LeClerc".....	47
M151 1/4-Ton Truck "Jeep".....	9	EE-T1 Osorio.....	48
MAN 7t.....	10	Color Plates.....	49
YA 4442.....	11	Color Plate Notes.....	57
AT-105 Saxon.....	12	FV-4030/4 Challenger.....	59
FV-103 Spartan.....	13	FV-4201 Chieftain.....	60
FV-432.....	14	Leopard 1.....	61
FV-510 Warrior.....	15	Leopard II.....	62
FV-4333 Stormer.....	16	Leopard III.....	63
FV-603 Saracen.....	17	M48A5.....	64
VAB.....	18	C-1 "Ariete".....	65
Grizzly.....	19	Pz-68.....	66
Marder.....	20	M107 SPA.....	67
Steyr 4K 7FA-KSPz.....	21	AMX 155 GCT.....	68
YP-408.....	22	FV-102 Striker.....	69
AMX-10RC.....	23	FV-433 Abbot.....	70
AMX-13.....	24	GBT-155.....	71
AMX-13 DCA.....	25	<i>Flakpanzer Gepard</i>	72
Cougar.....	26	<i>Jagdpanzer Kanone</i>	73
EBR-75.....	27	Jaguar 3.....	74
ERC-90.....	28	Vickers Valiant.....	75
FV-101 Scorpion.....	29	Mk F3.....	76
FV-105 Sultan.....	30	Roland SPAA.....	77
FV-107 Scimitar.....	31	<i>Wiesel</i>	78
FV-721 Fox.....	32	Wildcat.....	79
Lynx.....	33	Sabre SPAA.....	80
M992 FAASV.....	34	Tracked Rapier SPAA.....	81
SK 105 <i>Kürassier</i>	35	Orders of Battle.....	83
<i>Spahpanzer Luchs</i>	36	Unit History and Current Status.....	87
SW-1 Roland.....	37	Organization.....	97
TH-301.....	38	Compositions of Select	
TPz1 <i>Fuchs</i>	39	Divisional and Nondivisional Units ...	103

INTRODUCTION

This book, like **American Combat Vehicle Handbook** and **Soviet Combat Vehicle Handbook**, is intended to supplement the basic vehicle listing provided with the 2nd edition **Twilight: 2000** rules. Its pages provide a new approach to information handling by making the information a referee needs readily available, in a form that is compact and easy to use.

It is intended that referees photocopy the relevant pages (one copy for each vehicle used by the players or NPCs) and lay these out in front of him. Ammunition, fuel, and damage from travel or combat are easily recorded by the system of boxes, and other information can be noted in the margins as needed. The sheets can be saved from session to session or disposed of as the situation dictates.

In any case, the referee has the information needed for a particular vehicle and will not need to constantly flip through several booklets as the adventure session proceeds.

Permission is granted for purchasers of this book to photocopy any page or pages for personal use.

Data Conversion: Data conversions from game terms to reality are straightforward except for speed. The number to the left of the slash under Travel Movement (TrMov) is the vehicle's road speed in kilometers per hour times two. So obviously, halving the TrMov will give kilometers per hour. Cross-country speeds can be determined by proportional calculations.

EQUIPMENT LIST ADDITIONS

Autocannon

20mm AC: An autocannon mounted on a variety of armored cars and APCs.

30mm AC: An autocannon mounted on a variety of armored cars and APCs.

35mm AC: An autocannon mounted on a variety of self-propelled anti-aircraft vehicles.

Large-Caliber Guns

76mm Gun: A large-caliber rifled gun mounted on the British Scorpion, the Canadian Cougar and other vehicles.

90mm Gun: A low-pressure 90mm gun used in a number of light combat vehicles.

90mmf Gun: A French-built 90mm gun, mounted in a number of French vehicles.

Howitzers

105mm Howitzer: A light howitzer mounted in the British Abbot APC.

AMMUNITION

Antitank Guided Missiles

Swingfire ATGM: A British-built, first-generation, antitank guided missile, the most sophisticated of its class.

Wt: 28 kg.

Price: \$3000 (S/R).

Antiaircraft Missiles

Rapier: A radar-guided anti-aircraft missile with an HE warhead.

Wt: 43 kg.

Price: \$4500 (R/—).

Roland II: A radar-guided anti-aircraft missile with an HE warhead.

Wt: 80 kg.

Price: \$2500 (R/R).

Autocannon Rounds

20mm HE:

Wt: 0.5 kg each, 50 kg per 100-round belt.

Price: \$450 per case (S/R).

20mm AP:

Wt: 0.5 kg each, 50 kg per 100-round belt.

Price: \$450 per belt (S/R).

25mm Oerlikon API:

Wt: 0.5 kg.

Price: \$9 each (R/—).

30mm API:

Wt: 100 kg per case of 33, belted.

Price: \$300 per case (R/—).

35mm API:

Wt: 120 kg per case of 33, belted.

Price: \$350 per case (R/—).

Large-Caliber Rounds

76mm HE:

Wt: 0.3 kg.

Price: \$35 each (S/—).

76mm HESH:

Wt: 0.3 kg.

Price: \$37 each (R/—).

76mm CHEM: HC smoke is the only type available for this round.

Wt: 0.3 kg.

Price: \$35 each (R/—).

76mm Cannister:

Wt: 0.4 kg.

Price: \$32 each (S/—).

90mm APDS-T:

Wt: 31 kg.

Price: \$500 each (S/R).

90mm HEAT:

Wt: 30 kg.

Price: \$500 each (S/R).

90mmf APFSDS:

Wt: 32 kg.

Price: \$600 each (R/—).

90mmf HEAT:

Wt: 32 kg.

Price: \$620 each (S/R).

90mmf HE:

Wt: 29 kg.

Price: \$550 each (S/R).

Howitzer Rounds

105mm How HE:

Wt: 38 kg.

Price: \$450 each (R/R).

105mm How HESH:

Wt: 37 kg.

Price: \$550 each (R/—).

105mm How CHEM:

Wt: 38 kg.

Price: \$630 each (R/—).

Ammunition Distribution 120mm Gun (42 rounds)

□□□□	□□□□
□□□□	□□□□
□□□□	□□□□
□□□□	□□□□
□□	

Where different types of ammunition are stored, simply draw lines sectioning off portions of the record and label them accordingly. This is especially useful for keeping track of tank gun ammunition.

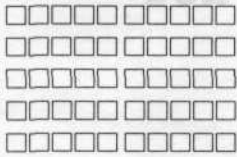
For example, to record that a particular Leopard II tank starts out carrying 22 APFSDS rounds and 20 APFSDSDU rounds, and has fired one of each, mark the chart as shown above.

Ammunition Record Forms

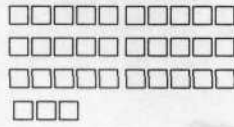
Some ammo types are present in too large a quantity to be readily recorded in the space available on the vehicle sheets. Make as many copies of these forms as you need (clipping and pasting them as required) to assemble an ammunition record for each vehicle.

Each box represents a single round of ammunition.

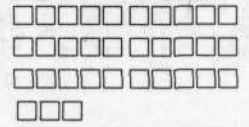
**7.5mm MAS
(50-round belt)**



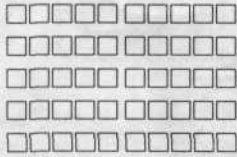
**30mm Autocannon
(33-round belt)**



**35mm Autocannon
(33-round belt)**



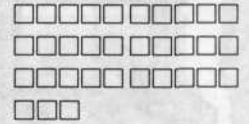
**7.5mm MAS
(50-round belt)**



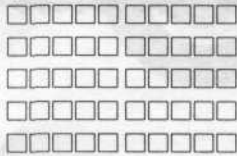
**30mm Autocannon
(33-round belt)**



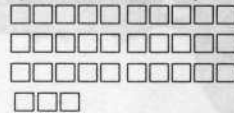
**35mm Autocannon
(33-round belt)**



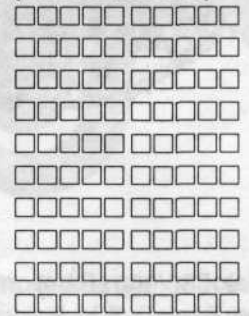
**7.5mm MAS
(50-round belt)**



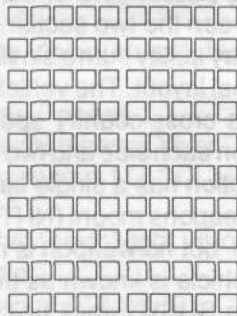
**30mm Autocannon
(33-round belt)**



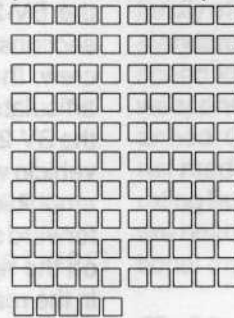
**20mm Autocannon
(100-round belt)**



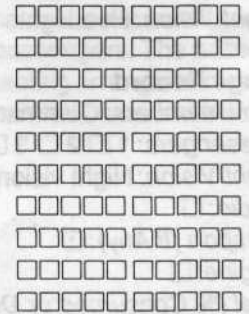
**7.62mmN
(100-round belt)**



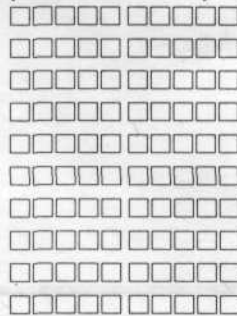
**.50 BMG/SLAP
(105-round belt)**



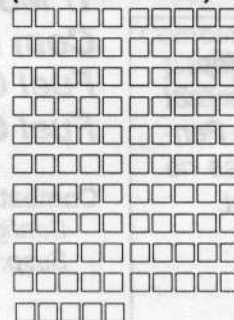
**20mm Autocannon
(100-round belt)**



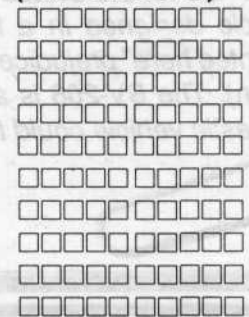
**7.62mmN
(100-round belt)**

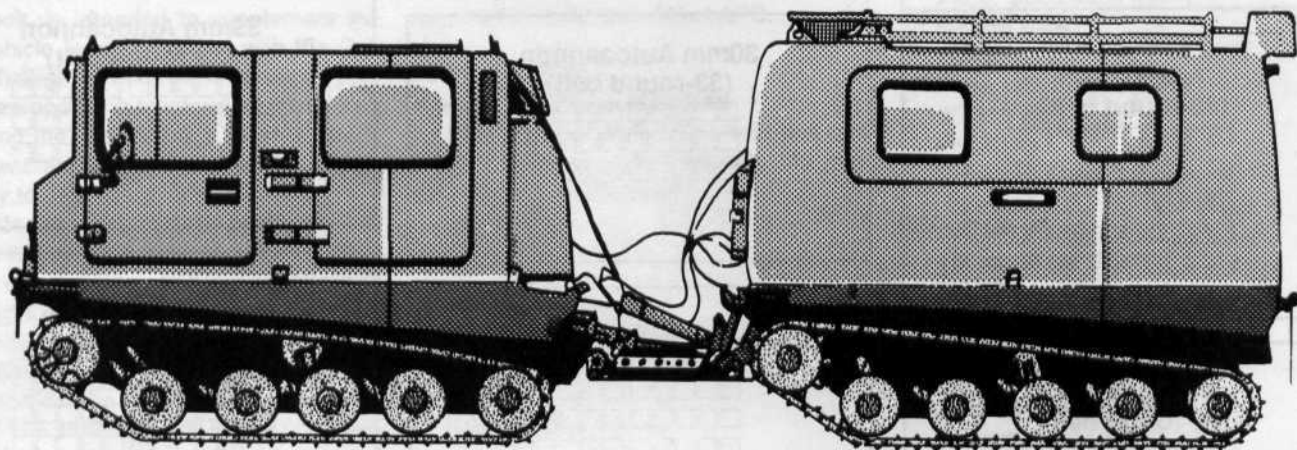


**.50 BMG/SLAP
(105-round belt)**



**20mm Autocannon
(100-round belt)**





Price: \$30,000 (R/—)

Fuel Type: D, A

Load: 1 ton

Veh Wt: 4.2 tons

Crew: 2+6

Mnt: 10

Night Vision: Headlights

Damage Record

Crewmembers: Commander ☐ Driver ☐

Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

Weapon (If Any): ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

BV-206 (Unarmored Cargo Vehicle): Designed specifically to operate in very cold and/or snowbound conditions, the BV-206 is an odd-looking vehicle. It comes in two sections, the forward section containing the engine and crew, the rear section carrying passengers or cargo. The articulated drive train/link between the two sections allows the BV-206 greater cross-country ability than a similar-sized vehicle with a more conventional layout. The vehicle is fully amphibious, at one quarter its cross-country speed. The forward section has two doors on each side and two hatches on the right deck. The rear section has a single large door in the rear. The vehicle has a weapons mount (NHT equivalent) at the forward deck hatch, but no weapon is normally installed. In US service, the vehicle is known as the M973 carrier, cargo, tracked, 1¹/₂-ton SUSV (small unit support vehicle). It is NBC sealed.

Tr Mov: 180/80

Com Mov: 50/40

Fuel Cap: 360

Fuel Cons: 120

Combat Statistics

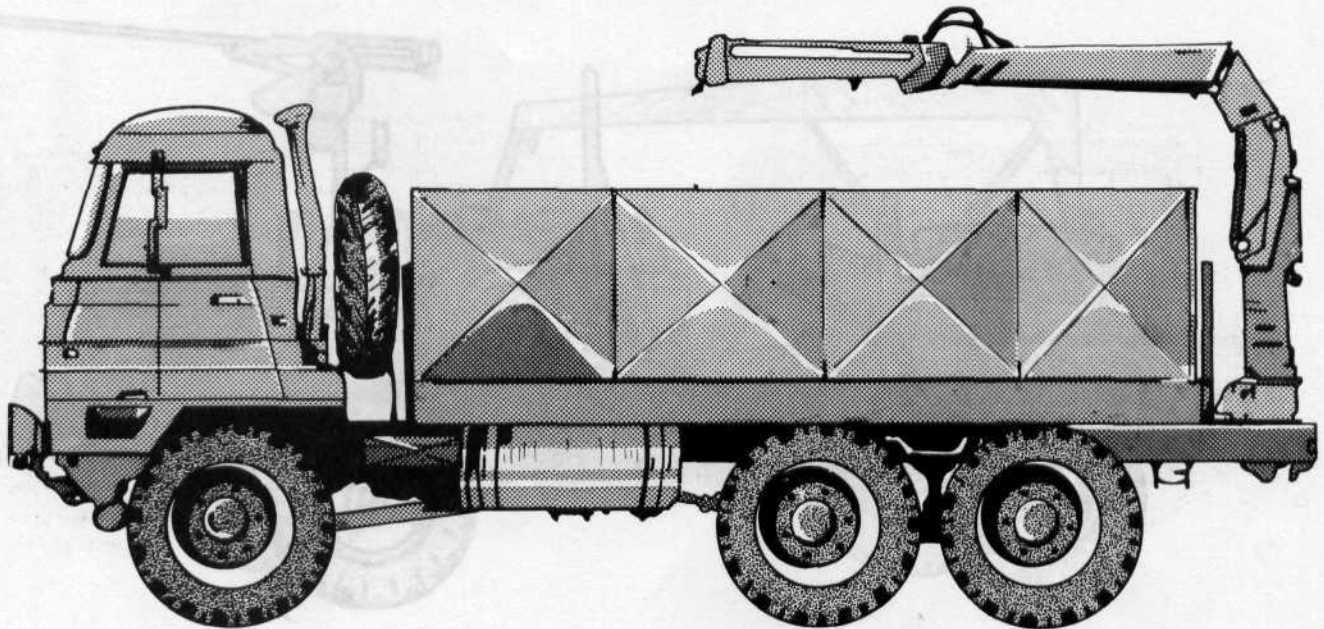
Config: Stnd HF: 1

Susp:T: 2 HS: 1

HR:1

It's rare for the United States military to adopt a vehicle designed in a foreign country (the "not invented here" prejudice is very strong in the Pentagon). The BV-206 is an exception because no domestic vehicle could fulfill the requirement.

Foden 10-Ton Truck



Price: \$35,000 (S/R)

Fuel Type: D, A

Load: 10 tons

Veh M: 14 tons

Crew: 2+12

Mnt: 8

Night Vision: Headlights

Damage Record

Crewmembers: Driver ☐ Assistant driver ☐

Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐

11 ☐ 12 ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

Weapon (If Any): ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Suspension: Minor damage ☐ Immobilized ☐

Foden 10-Ton Truck (Unarmored Cargo Vehicle): The Foden 10-ton cargo truck is typical of the more modern family of transport trucks in that it comes with provisions for standardized pallets and is fitted with its own crane to speed loading/unloading. This vehicle can be fitted with a weapons mount (NHT equivalent) but is not normally armed. One disadvantage of this system is that the truck is not readily converted to carry passengers. The passenger rating listed is with jury-rigged seating arrangements, which are neither as efficient nor as comfortable as more conventional arrangements.

Tr Mov: 100/10

Com Mov: 35/10

Fuel Cap: 450

Fuel Cons: 150

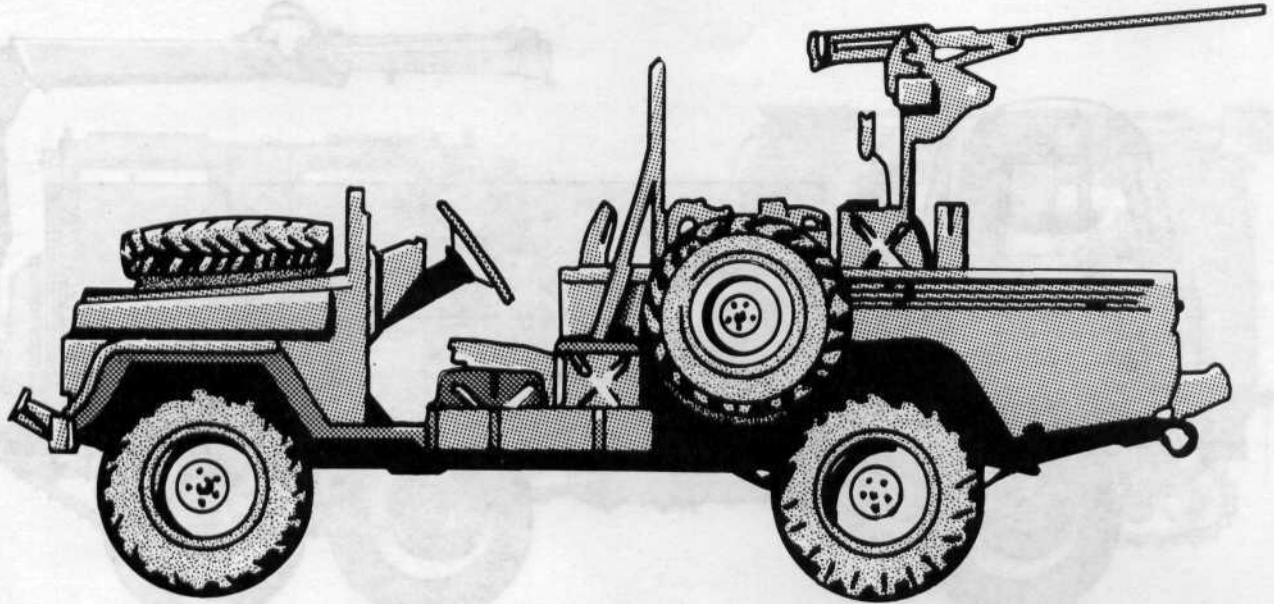
Combat Statistics

Config: Std HF: 1

Susp: \N(2) HS: 1

HR: 1

LWB Land Rover



Price: \$8000 (C/S)
Fuel Type: G, AvG, A
Load: 850 kg
Veh Wt: 2.5 tons
Crew: 2+6
Mnt: 6
MgW Vision: Headlights

Damage Record

Crewmembers: Driver ☐ Assistant driver ☐
Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐
Sight/Vision: Night vision equipment ☐
Radio: ☐
Weapon (If Any): ☐
Engine: ☐
Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐
Suspension: Minor damage ☐ Immobilized ☐

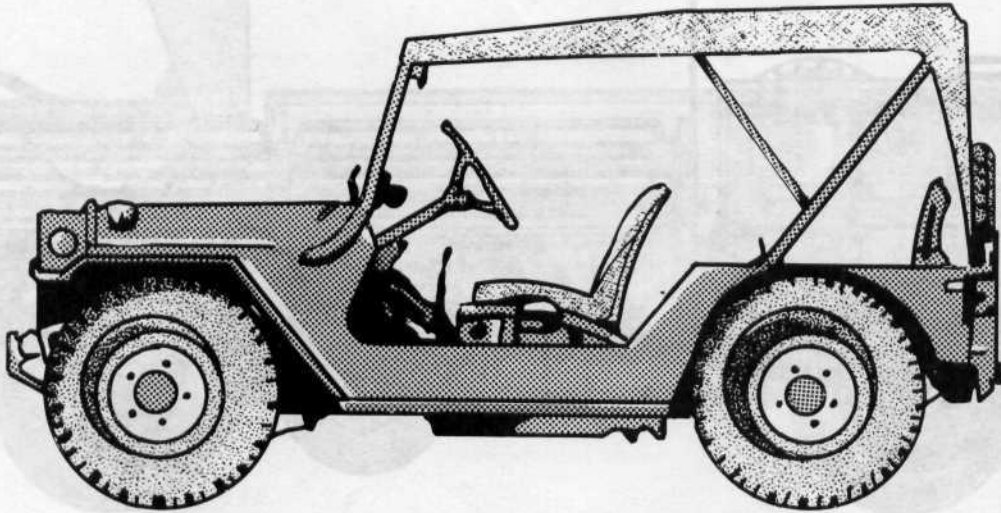
LWB Land Rover (Unarmored Cargo Vehicle): The British-made LWB (long wheelbase) Land Rover is the workhorse general-purpose transport vehicle of many armies worldwide. The vehicle may be equipped with a pintle mount (equivalent to a NATO heavy tripod).

Tr Mov: 180/45
Com Mov: 60/35
Fuel Cap: 90
Fuel Cons: 30

Combat Statistics

Config: Std HF: 1
Susp: W(2) HS: 1
HR: 1

M151 ¹/₄-ton Truck "Jeep"



Price: \$7500 (VIC)

Fuel Type: G, A

Load: 500 kg

Veh Wt: 1.2 tons

Crew: 1+3

Mnt: 6

Night Vision: Headlights

Damage Record

Crewmembers: Driver ☐

Passengers: 1 ☐ 2 ☐ 3 ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

Weapon (If Any): ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

M151 ¹/₄-Ton Truck "Jeep" (Unarmored Cargo Vehicle): The American-designed jeep is the descendant of the WWII ¹/₄-ton general-purpose truck and takes its name from the two-letter designation "GP." The vehicle may be equipped with a pintle mount (equivalent to a NATO heavy tripod), but no weapon is ordinarily fitted. The trucks are found in armies throughout the world. Several civilian versions exist which are identical in game terms to the military ones except for the weapons mount.

Tr Mov: 180/45

Com Mov: 60/35

Fuel Cap: 90

Fuel Cons: 30

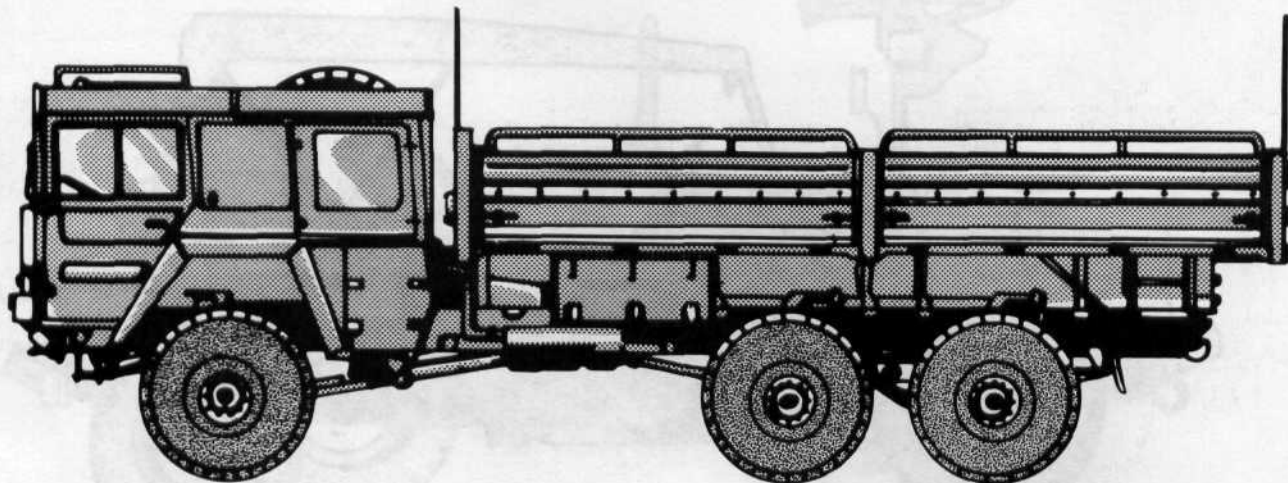
Combat Statistics

Config: Stnd HF: 1

Susp: W(2) HS: 1

HR: 1

MAN7t



Price: \$35,000 (S/R)

Fuel Type: D, A

Load: 7 tons

Veh Wt: 10 tons

Crew: 2+12

Mnt: 8

Night Vision: Headlights

MAN 7t (Unarmored Cargo Vehicle): The 6x6 MAN 7t (seven-ton) truck is typical of a number of tactical transport vehicles in use by the Bundeswehr. The vehicle can be fitted with a weapons mount (NHT equivalent) but is not normally armed.

Tr Mov: 100/10

Com Mov: 35/10

Fuel Cap: 450

Fuel Cons: 150

Combat Statistics

Config: Std HF: 1

Susp: W(2) HS:1

HR: 1

Damage Record

Crewmembers: Driver ☐ Assistant driver ☐

Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐

11 ☐ 12 ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

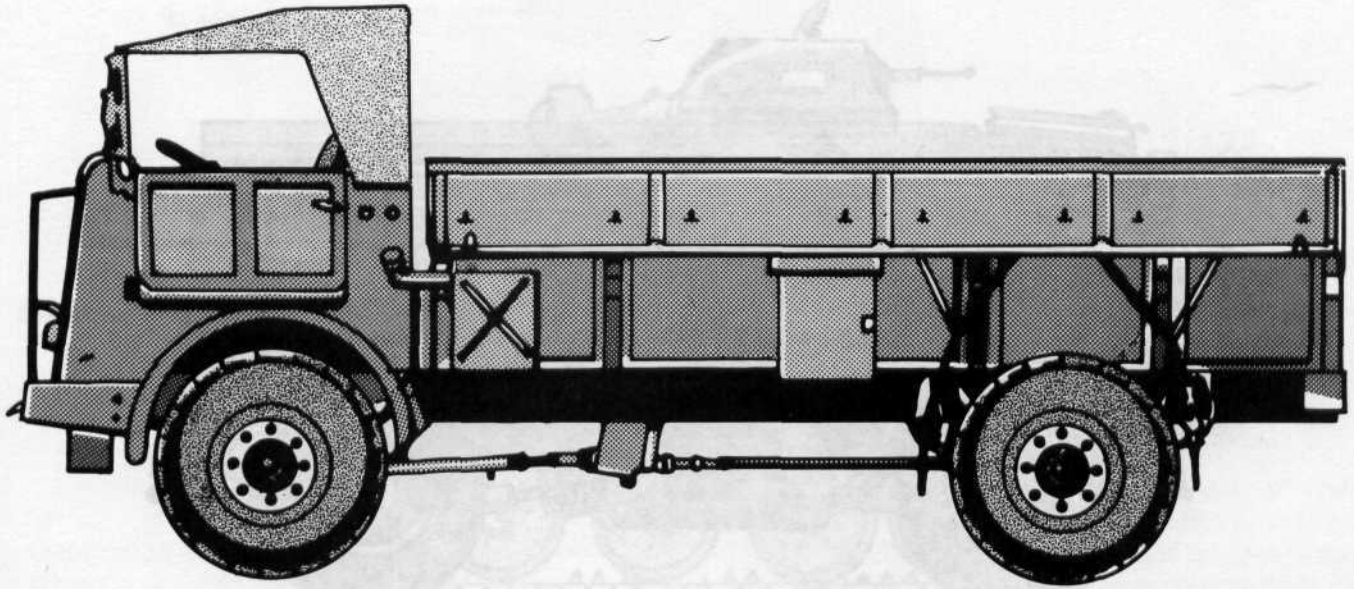
Weapon (If Any): ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Suspension: Minor damage ☐ Immobilized ☐

YA 4442



Price: \$20,000 (C/S)
 Fuel Type: D, A
 Load: 4 tons
 Veh Wt: 8 tons
 Crew: 2+10
 Mnt: 8
 Night Vision: Headlights

Damage Record

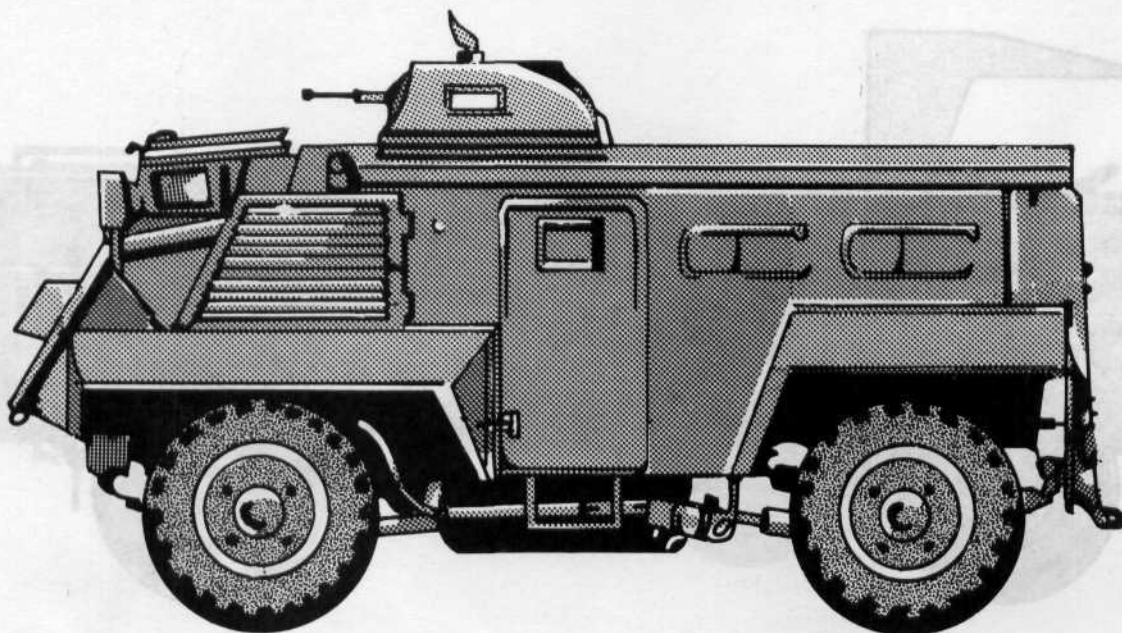
Crewmembers: Driver ☐ Assistant driver ☐
 Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐
 Sight/Vision: Night vision equipment ☐
 Radio: ☐
 Weapon (If Any): ☐
 Engine: ☐
 Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐
 Suspension: Minor damage ☐ Immobilized ☐

YA 4442 (Unarmored Cargo Vehicle): The Dutch firm of DAF manufactures a number of tactical transport vehicles, of which the 4x4 YA 4442 is typical. It and similar vehicles by the same manufacturer have been adopted by several European armies, including the British forces in the BAOR (British Army of the Rhine). The vehicle can be fitted with a weapons mount (NHT equivalent) but is not normally armed.

Tr Mov: 160/15
Com Mov: 55/10
Fuel Cap: 280
Fuel Cons: 70

Combat Statistics

Config: Std HF: 1
 Susp: W(2) HS: 1
 HR: 1



Price: \$80,000 (C/R)
 Armament: L7A2 GPMG (C)
 Ammo: As cargo
 Fuel Type: G, A
 Load: 400 kg
 Veh Wt: 11 tons
 Crew: 2+10
 Mnt: 8
 Night Vision: Headlights

Damage Record

Crewmembers: Commander/gunner ☐ Driver ☐
 Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐
 Sight/Vision: Night vision equipment ☐
 Radio: ☐
 L7A2 GPMG (C): ☐
 Engine: ☐
 Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
 Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—			Rng
						SS	Brst		
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	7		65
bipod	10	4	2-3-Nil	6	100B	1	4		90
tripod	10	4	2-3-Nil	6	100B	1	2		125

AT-105 Saxon (Armored Personnel Carrier): Not every army can (or desires to) equip all its infantry with IFVs. The AT-105 Saxon, a British-built 4x4 APC, fills the British requirement for a lighter, less expensive troop carrier in units not intended for front-line, combined-arms service.

Tr Mov: 170/30
Com Mov: 40/30
Fuel Cap: 360
Fuel Cons: 120

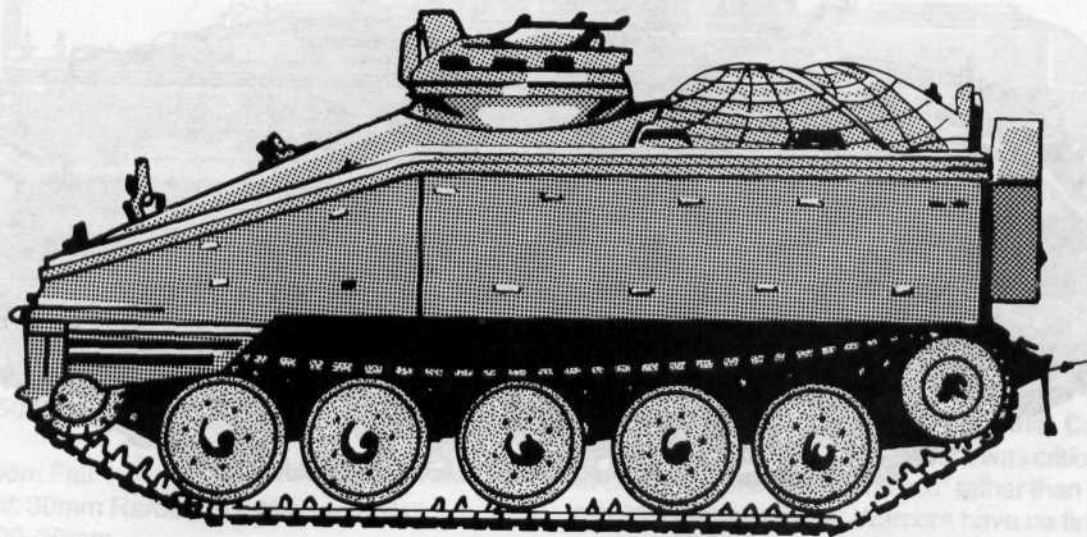
Combat Statistics

Config: Stnd HF: 4
 Susp: W(3) HS: 2
 HR: 2

AMMUNITION

Use MG ammo records provided on page 5.

FV-103 Spartan



Price: \$70,000 (S/R)
 Armament: L7A2 GPMG (C)
 Ammo: As cargo
 Fuel Type: G, AvG, A
 Load: 600 kg
 Veh Wt: 7 tons
 Crew: 3+4
 Mnt: 12
 Night Vision: Headlights

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐
 Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐
 Sight/Vision: Night vision equipment ☐
 Radio: ☐
 L7A2 GPMG (C): ☐
 Engine: ☐
 Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐
 Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—		Rng
						SS	Brst	
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

FV-103 Spartan (Armored Personnel Carrier): The Spartan is a British-built, tracked APC based on the FV-101 Scorpion light tank. The vehicle has a driver's hatch on the left front deck, a commander's hatch and a gunner's cupola (weapons mount equivalent to NHT) on the top deck, and a powered ramp in the rear. An unarmed casualty evacuation version, with a larger passenger compartment to accommodate stretchers, is called the Samaritan (aply enough).

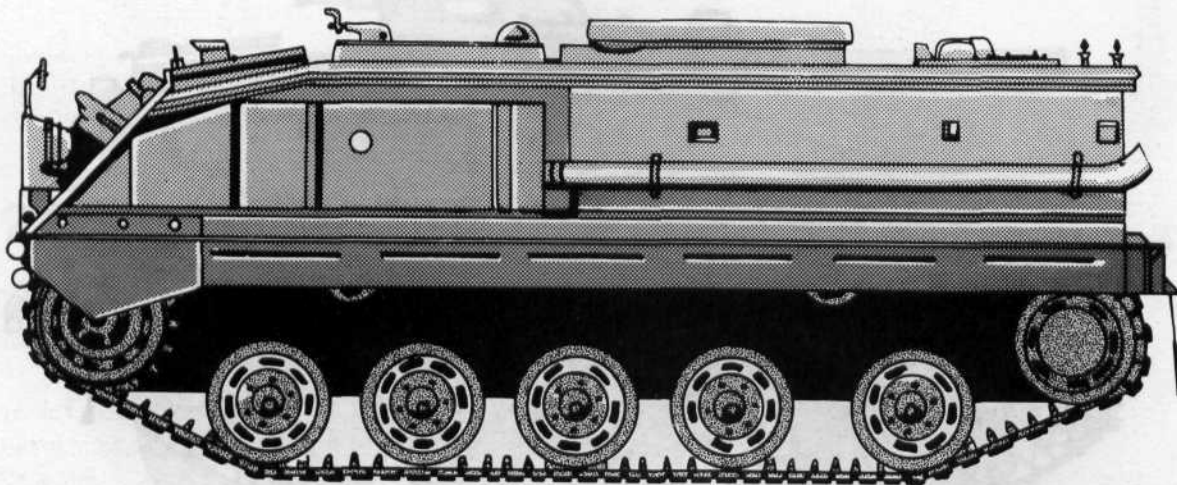
Tr Mov: 170/120
Com Mov: 85/55
Fuel Cap: 390
Fuel Cons: 156

Combat Statistics

Config: Stnd HF: 6
 Susp: T: 2 HS: 3
 HR: 3

AMMUNITION

Use MG ammo records provided on page 5.



Price: \$70,000 (S/R)
 Armament: L7A2 GPMG (C)
 Ammo: As cargo
 Fuel Type: G, D, A
 Load: 600 kg
 Veh Wt: 16 tons
 Crew: 2+10
 Mnt: 10
 Night Vision: Headlights

Damage Record

Crewmembers: Commander/gunner ☐ Driver ☐
 Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐
 Sight/Vision: ☐ Night vision equipment ☐
 Radio: ☐
 L7A2 GPMG: ☐
 Engine: ☐
 Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
 Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—		Rng
						SS	Brst	
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

FV-432 (Armored Personnel Carrier): The FV-432 is a British-built, tracked APC. The vehicle has a driver's hatch on the left front deck and a commander's hatch with an NHT-equivalent weapons mount in the same location. Some models are equipped with a small cupola (in place of the commander's hatch) mounting an L7A2 7.62mmf general-purpose machinegun. An ATGM variant, the FV-438, is fitted with a Swingfire launcher in place of the passenger compartment. A signals variant, the FV-439, is nearly identical, but contains communications equipment in place of passengers. Other variants include mortar, radar, and RCLR (recoilless rifle) carriers.

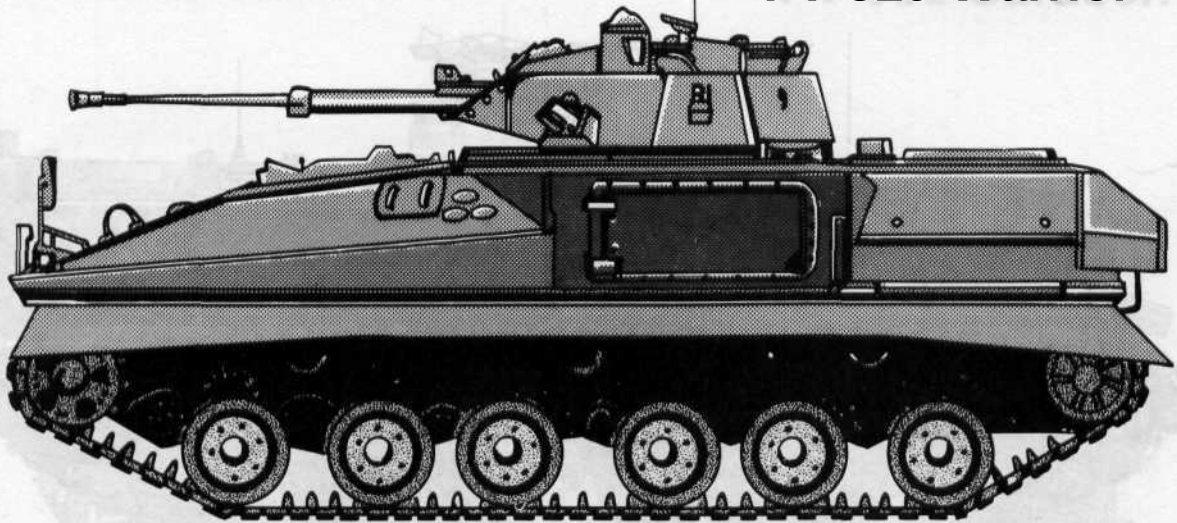
Tr Mov: 170/120
Com Mov: 40/55
Fuel Cap: 390
Fuel Cons: 156

Combat Statistics

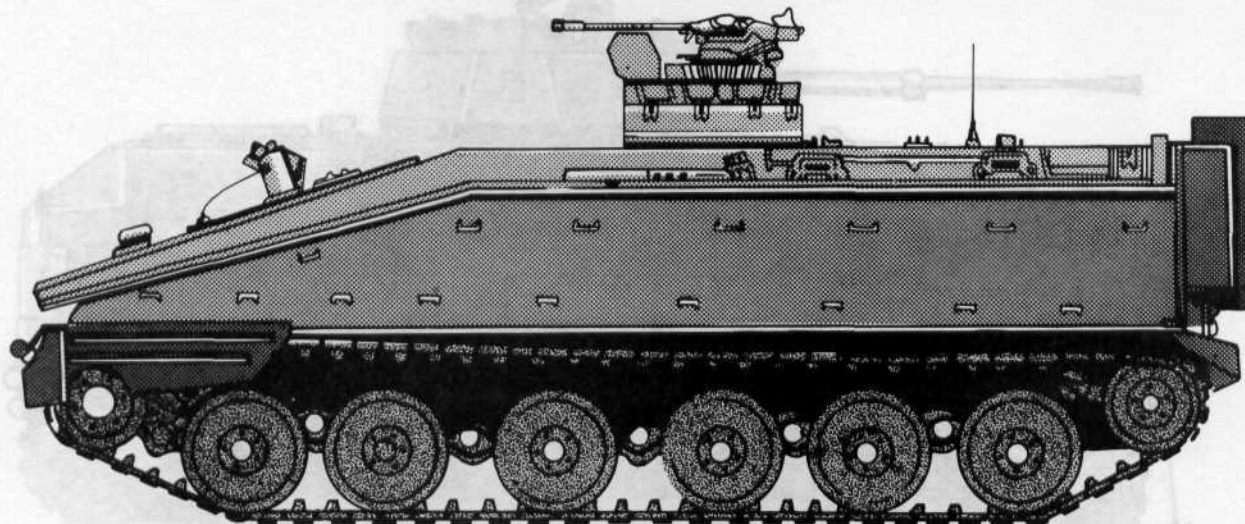
Config: Stnd HF: 6
 Susp: T: 2 HS: 3
 HR: 3

AMMUNITION

Use MG ammo records provided on page 5.



FV-4333 Stormer



Price: \$45,000 (S/—)

Armament: L7A2 GPMG (C)

Ammo: As cargo

Fuel Type: D, A

Load: 800 kg

Veh Wt: 10.6 tons

Crew: 3+8

Mnt: 6

Night Vision: Headlights, passive IR/thermal imaging

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

L7A2 GPMG (C): ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—			Rng
						SS	Brst		
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	7		65
bipod	10	4	2-3-Nil	6	100B	1	4		90
tripod	10	4	2-3-Nil	6	100B	1	2		125

FV-4333 Stormer (Armored Personnel Carrier): The Stormer was developed from the Spartan APC series, incorporating the same drive components, but in a lengthened and slightly widened chassis. The vehicle entered production in 1981, is NBC sealed, and is fully amphibious at one-quarter its cross-country speed.

Normal armament for the APC version is a L7A2 GPMG in a cupola mount. Some versions are fitted with a turret containing a larger weapon: either a 20mm autocannon, 30mm Rarden autocannon, 76mm gun, 90mm gun, ortwin 20mm antiaircraft autocannon (stabilization is fair in all cases). The normal APC version is shown.

Tr Mov: 144/110

Com Mov: 70/55

Fuel Cap: 405

Fuel Cons: 110

Combat Statistics

Config: Std HF: 4

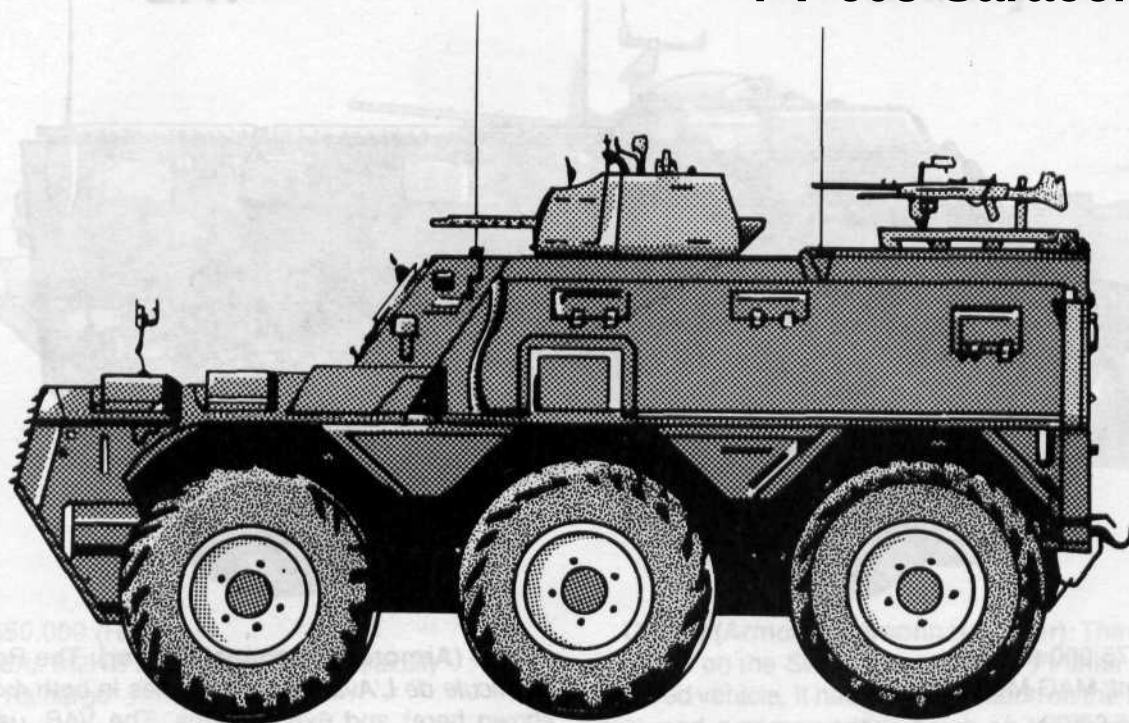
Susp:T: 3 HS: 3

HR:3

AMMUNITION

Use MG ammo records provided on page 5.

FV-603 Saracen



Pr/ce: \$35,000 (R/—)

Armament: L7A2 GPMG, L7A2 GPMG (C)

Ammo: As cargo

Fuel Type: G, A

Load: 1 ton

Veh Wt: 10 tons

Crew: 2+10

Mnt: 4

Night Vision: Headlights

Damage Record

Crewmembers: Commander/gunner ☐ Driver ☐

Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

L7A2 GPMG: ☐

L7A2 GPMG (C): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

FV-603 Saracen (Armored Personnel Carrier): The Saracen is an obsolete, 6x6 APC which left British service in 1984. It lacks NBC sealing and advanced night vision equipment, and is thus not up to front-line service in modern armies. A number were brought out of depot storage late in the war and pressed into service with rear echelons in order to free more modern vehicles for front-line service. Two doors in the rear facilitate passenger departures. The vehicle has a machinegun turret on the front deck and a ring mount for a dismountable MAG MG on the rear deck. The Saracen is not amphibious. The vehicle is equipped with three firing ports on each side and one in the rear (these accept any assault or battle rifle).

Tr Mov: 120/80

Com Mov: 60/40

Fuel Cap: 200

Fuel Cons: 55

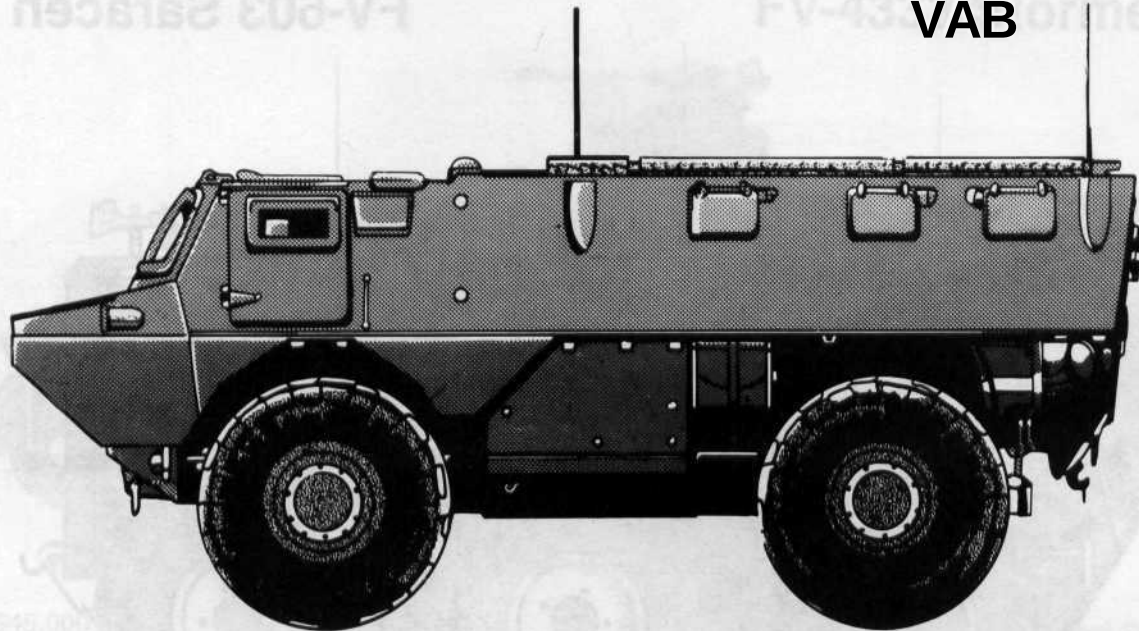
Combat Statistics

Config: in	TF: 1	HF: 3
Susp: W(3)	TS: 1	HS: 2
	TR: 1	HR: 2

AMMUNITION

Use MG ammo records provided on page 5.

VAB



Price: \$175,000 (C/R)

Armament: MAG MG (C)

Ammo: As cargo

Fuel Type: D, A

Load: 1 ton

Veh Wt: 13 tons

Crew: 2+10

Mnt: 4

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander/gunner ☐ Driver ☐

Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

MAG MG (C): ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

—Recof—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

VAB (Armored Personnel Carrier): The Renault VAB (*Vehicule de L'Avant Blindé*) comes in both 4x4 (the one shown here) and 6x6 versions. The VAB, used by the French Army and the French Air Force (where it is known as the VIB) is a venerable and adaptable workhorse, and comes in a variety of different armament packages, including: APC (illustrated here), command, ATGM, mortar, engineer, recovery, ambulance and internal security versions.

The APC version has driver and commander's doors on the forward sides, the commander's position including a MAG MG mount (C) on the forward deck. The VAB has cargo doors in the rear and hatches in the rear deck for disembarkation of the passengers. The vehicle has three firing ports per side (capable of accepting any assault or battle rifle).

The VAB uses the same chassis and drive components as the VBC-90 (see **Merc: 2000**, page 44), is NBC sealed, and is fully amphibious at one-quarter its cross-country speed.

Tr Mov: 180/120

Com Mov: 90/55

Fuel Cap: 300

Fuel Cons: 80

Combat Statistics

Config: Stnd HF:8

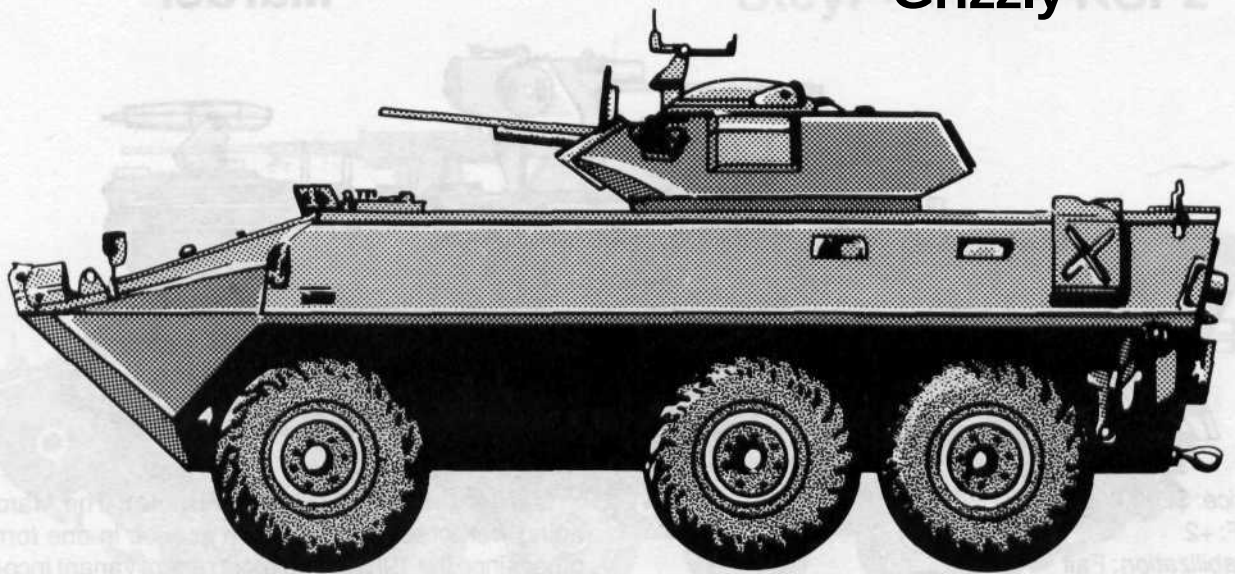
Susp: W(3) HS:6

HR:4

AMMUNITION

Use MG ammo records provided on page 5.

Grizzly



Price: \$50,000 (R/R)

Armament: M2HB MG, C-6 GPMG (coaxial)

Ammo: As cargo

Fuel Type: D, A

Load: 800 kg

Veh Wt: 9.5 tons

Crew: 3+8

Mnt: 5

AllgW Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

M2HB MG: ☐

C-6 GPMG (Coaxial): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

—Recoil—

Weapon	ROF	Dani	Pen	Blk	Mag	SS	Brst	Rng
C-6 GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125
C-5 GPMG	5	4	2-3-Nil	5	100B	1	4	65
tripod	5	4	2-3-Nil	5	100B	1	2	125
M2HB MG	5	8	2-2-3*	8	105B	3	14	65
tripod	5	8	2-2-3*	8	105B	2	7	150

*.50 SLAP ammunition has a penetration Of 1-1-2.

Grizzly (Armored Personnel Carrier): The Grizzly APC is based on the Swiss 6x6 MOWAG Piranha amphibious armored vehicle. It has a driver's hatch on the left front hull deck and a commander's hatch on the turret deck. The main entrance to the passengers' compartment is via two hinged doors at the rear; secondary access is provided by two hinged doors on the rear hull deck. The Grizzly has two firing ports on either side and two at the rear. Afire support version (the Cougar, see page 26) and an unarmed maintenance and recovery version (the Husky, not covered in this book) also serve in the Canadian armed forces. All versions are NBC sealed and are fully amphibious at one-quarter their cross-country speed. The C-6 GPMG is the Canadian designation for the Belgian MAG-58 MG. A few vehicles in some units are equipped with the C-5 GPMG, (the Canadian designation of the M1919 MG chambered in 7.62mmN), which was in the process of being replaced by the C-6 when the war began.

Tr Mov: 180/70

Com Mov: 60/25

Fuel Cap: 250

Fuel Cons: 60

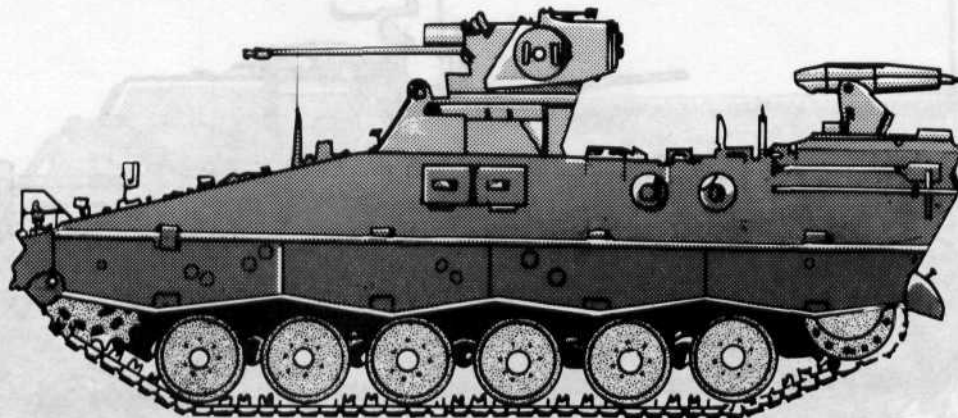
Combat Statistics

<i>Config:Trt</i>	TF: 6	HF: 6
<i>Susp: W(6)</i>	TS: 3	HS: 3
	TR: 3	HR:3

AMMUNITION

Use MG ammo records provided on page 5.

Marder



Price: \$200,000 (S/R)

RF: +2

Stabilization: Fair

Armament: 25mm AC, MG3 MG (coaxial), MG3 remote, Milan II ATGM

Ammo: 1100x25mm, 3xMilan II

Fuel Type: D, A

Load: 600 kg

Veh Wt: 29 tons

Crew: 3+7

Mnf: 10

Night Vision: Passive/active IR, IR searchlight

Damage Record

Crewmembers: Commander • Driver • Gunner D

Passengers: 1 0 2 0 3 0 4 0 5 0 6 0 7 0

Sight/Vision: Gun sight D Range finder D Night vision equipment O

Radio: D

25mm AC: O

MG3 MG (Coaxial): O

MG3 MG (Remote): U

ATGM Launcher: D

Traverse: D

Engine: D

Fuel (% Consumed or Destroyed): ODODO ODODOO

Suspension: Minor damage D Immobilized O

Marder (Infantry Fighting Vehicle): The Marder is an aging warhorse; it has been in service in one form or another since the 1960s. The most recent variant incorporates a 25mm autocannon and an external mount for the squad's Milan II ATGM. Another notable feature is the MG3 machine-gun firing in a 270° arc from a remote mount on the rear deck above the rear debarcation ramp. The Marder has two firing ports on each side.

Tr Mov: 150/90

Com Mov: 35/20

Fuel Cap: 440

Fuel Cons: 110

Combat Statistics

Config: Trt	TF: 12	HF: 25
Susp: T: 4	TS: 8	HS: 10
	TR: 8	HR: 5

AMMUNITION

Use 25mm autocannon ammo record provided on page 5.

Milan II (3 missiles)

□□□

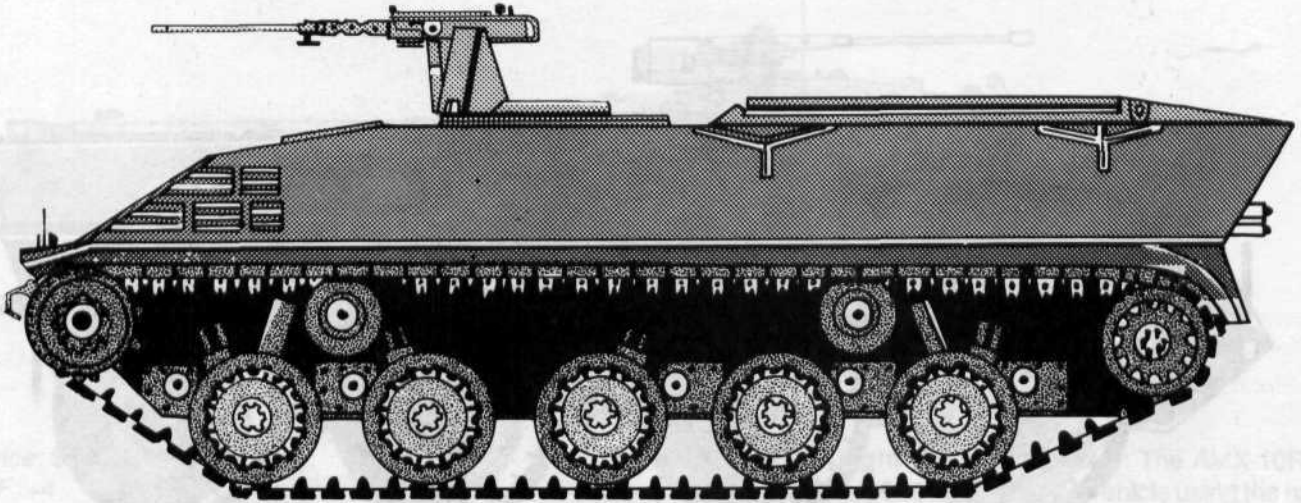
WEAPON DATA

WEAPON DATA						
Weapon	ROF	Mag	Rng	Ammo	Damage	Pen
25mm AC	5	100B	250	APFSDSDU	14	13/9/3
			250	API	14	4/0/-2
			250	HE	C:1,B:2	-8C

Type	Rld	Rng	Damage	Pen
Milan II	3	2000	C:12, B:12	145C
Milan IIT	3	2000	C:12, B:12	145C

WEAPON DATA								
—Recoil—								
Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MG3MG	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

Steyr 4k 7FA-KSPz



Price: \$180,000 (S/R)
 Armament: M2HB MG, MAG MG
 Ammo: 1050x.50 BMG
 Fuel Type: D, A
 Load: 800 kg
 Veh M: 15 tons
 Crew: 2+8
 Mnt: 6
 Night Vision: Headlights

Damage Record

Crew members: Commander/gunner ☐ Driver ☐
 Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐
 Sight/Vision: Night vision equipment ☐ D
 Radio: ☐ D
 M2HB MG: ☐
 MAG MG: ☐
 Traverse: ☐
 Engine: ☐ D
 Fuel (% Consumption or Destroyed): D O D O O O O D D D D D
 Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—		Rng
						SS	Brst	
MAG MG	10	4	2-3-Nil	6	50B	1	9	65
bipod	10	4	2-3-Nil	6	50B	1	5	90
tripod	10	4	2-3-Nil	6	50B	1	4	125
M2HB MG	5	8	2-2-3*	8	105B	3	14	65
tripod	5	8	2-2-3*	8	105B	2	7	150

*.50 SLAP ammunition has a penetration of 1-1-2.

Steyr 4K7FA-KSPZ (Infantry Fighting Vehicle): Entering service in the mid-1970s, this aging Austrian AFV also equips the armies of Nigeria, Bolivia, and Greece (where it is known as the Leonidas). The vehicle is armed with a turret-mounted M2HB MG and pintle-mounted MAG MG on the rear deck. Passengers enter and exit through a hatch on rear deck, or through the hatch in rear. It has two firing ports per side which accept any assault or battle rifle. More recent versions include an MICV which mounts a 30mm Rarden in place of the M2HB, and a fire support version with 90mm gun turret. Command, ambulance, and 81mm mortar versions are also manufactured.

Tr Mov: 120/100

Com Mov: 60/50

Fuel Cap: 184

Fuel Cons: 48

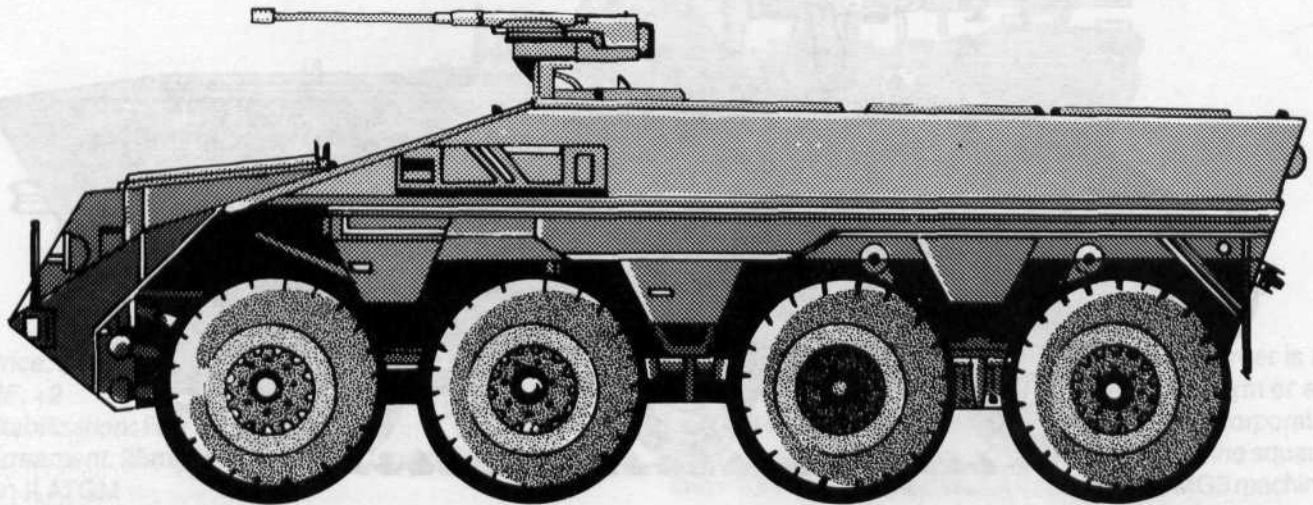
Combat Statistics

Config: Trt	TF: 4	HF: 6
Susp: T: 3	TS: 2	HS: 4
	TR: 2	HR: 4

AMMUNITION

Use MG ammo records provided on page 5.

YP-408



Price: \$175,000 (R/R)
 Armament: M2HB MG (C)
 Ammo: As cargo
 Fuel Type: D, A
 Load A ton
 Veh Wt: 12 tons
 Crew: 2+10
 Mnt: 6
 MgW Ws/on: Headlights

Damage Record

Crewmembers: Commander/gunner • Driver •
 Passengers: 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10D
 Sight/Vision: Night vision equipment D
 Radio: O
 M2HB MG (C):U
 Engine: O
 Fuel (% Consumed or Destroyed): OODDO DDDOD
 Suspension: Minor damage O Immobilized O

WEAPON DATA

—Recall—								
Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Ring
M2HB MG	5	8	2-2-3*	8	105B	3	14	65
tripod	5	8	2-2-3*	8	105B	2	7	150

*.50 SLAP ammunition has a penetration of 1-1-2.

YP-408 (Armored Personnel Carrier): The standard Dutch APC since its adoption in 1964, the 6x8 YP-408 is based on a Dutch 6x6 truck chassis (the second axle from the front is not powered). In addition to the APC version, the YP-408 has been adapted to general transport and 120mm mortar carrier duties.

Tr Mov: 140/85

Com Mov: 80/45

Fuel Cap: 800

Fuel Cons: 200

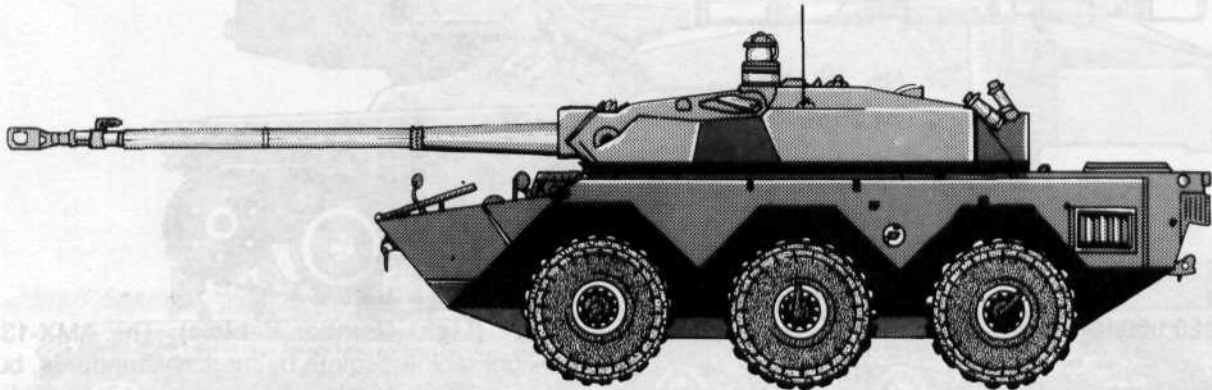
Combat Statistics

Config: Std HF: 4
 Susp: W(3) HS: 2
 HR: 2

AMMUNITION

Use MG ammo records provided on page 5.

AMX-10RC



Price: \$200,000 (S/R)

RF:+4

Armament: 105mm gun, MAG MG (coaxial)

Stabilization: Fair

Ammo: 38x105mm

Fuel Type: D, A

Load: 400 kg

Veh Wt: 15 tons

Crew: 4

Mnt: 8

Night Vision: Headlights, image intensification

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐
Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision
equipment ☐

Radio: ☐

105mm Gun: ☐

MAG MG (Coaxial): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Type	Round	Rng	Damage	Pen
105mm	HEAT	400	C:6, B:12	80C
Rid: 1	WP	400	C:3, B:20	Nil

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	50B	1	9	65
bipod	10	4	2-3-Nil	6	50B	1	5	90
tripod	10	4	2-3-Nil	6	50B	1	4	125

AMX-10RC (Light Combat Vehicle): The AMX-10RC (*Roues Canon*) is a 6x6 light armored vehicle using the hull and many chassis components from the French AMX-1 OP. It is the most advanced armored car in service with the French armed forces, and its 105mm low-pressure gun system makes it one of the most heavily armed armored cars in the world. The vehicle has a driver's hatch on the upper front hull, and gunner and commander's hatches on the turret deck. The vehicle is fully amphibious at one-quarter its cross-country speed, and is NBC sealed.

Tr Mov: 170/120

Com Mov: 85/60

Fuel Cap: 720

Fuel Cons: 280

Combat Statistics

Config: Trt	TF:6	HF: 8
Susp: W(3)	TS:4	HS:4
	TR:3	HR:4

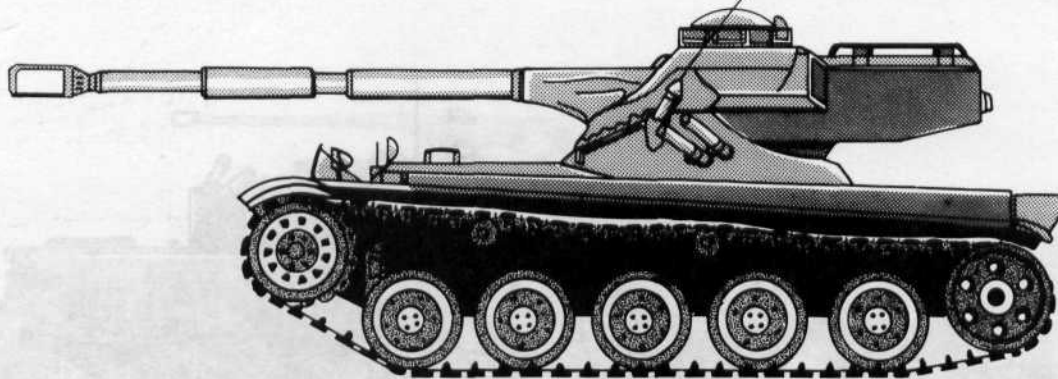
AMMUNITION

Use MG ammo records provided on page 5.

105mm Gun (38 rounds)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐

AMX-13



Price: \$220,000 (S/R)

RF: +2

Armament: 90mmf gun, MAG MG or AAT-52 MG (coaxial)

Stabilization: Fair

Ammo: 32x90mm

Fuel Type: G, A

Load: 300 kg

Veh Wt: 15 tons

Crew: 3

Mnt: 7

Night Vision: Headlights, passive IR

AMX-13 (Light Combat Vehicle): The AMX-13 is a French light tank (obsolete by modern standards, but still serviceable), found in many smaller armies worldwide, and still used as a tank destroyer by the French. The most notable feature of the AMX-13 is its two-part turret (the top portion moves with the gun as it elevates) with one of the world's first autoloaders. The AMX-13's chassis was used in the development of a number of other vehicles, and thousands were manufactured before the line was closed out. Some versions have been fitted with a HOT missile launcher on each side of the turret.

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

90mmf Gun: ☐

MAG or AAT-52 MG (Coaxial): ☐

Loader: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Tr Mov: 110/90

Com Mov: 55/45

Fuel Cap: 720

Fuel Cons: 275

Combat Statistics

Config: Trt TF: 6 HF: 6

Susp: T: 3 TS: 5 HS: 4

TR: 2 HR: 3

AMMUNITION

Use MG ammo records provided on page 5.

WEAPON DATA

Type	Round	Rng	Damage	Pen
90mmf	APFSDS	300	24	30/25/20/15
Rid: 1	HEAT	300	C:5,, B:10	60C
	HE	300	C:5,, B:10	4C

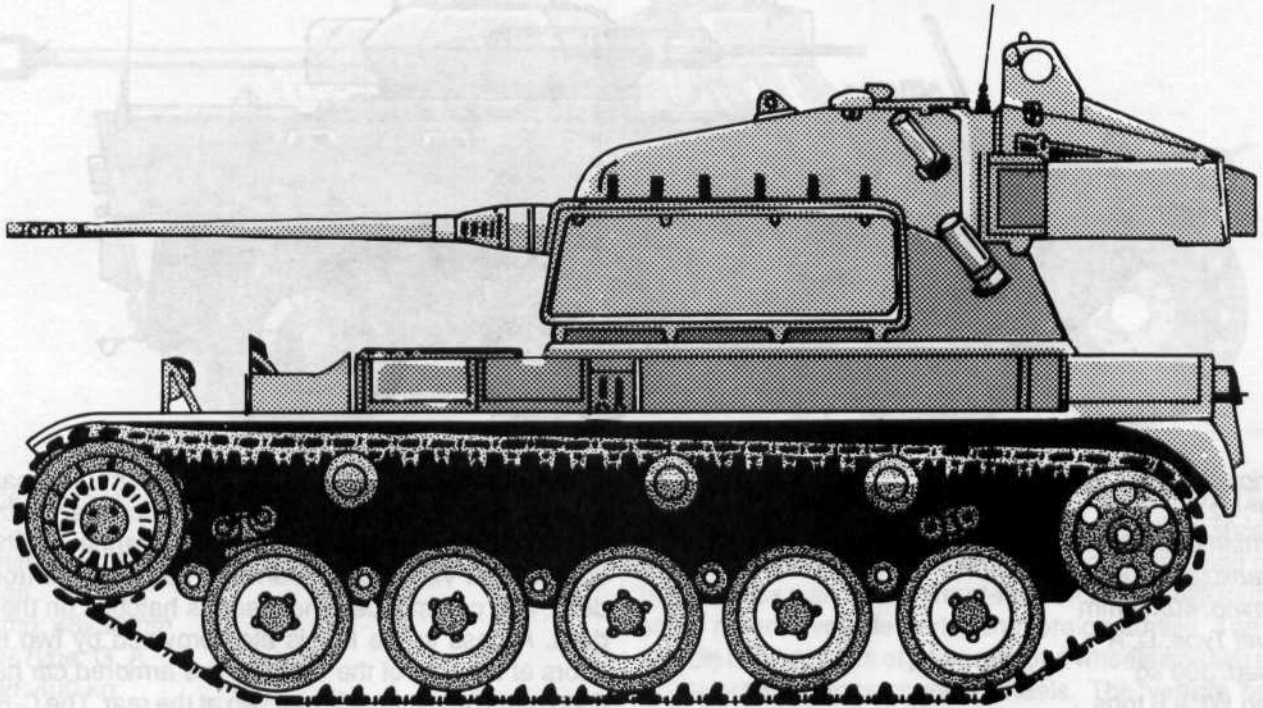
—Recoil—

Weapon	ROF	Dan	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	50B	1	9	65
bipod	10	4	2-3-Nil	6	50B	1	5	90
tripod	10	4	2-3-Nil	6	50B	1	4	125
AAT-52MG	10	4	2-3-Nil	5	50B	1	7	65
bipod	10	4	2-3-Nil	5	50B	1	4	90
tripod	10	4	2-3-Nil	5	50B	1	2	125

90mmf Gun (32 rounds)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐

AMX-13 DCA



Price: \$250,000 (S/R)
 RF: +4
 Armament: 2x30mm AC
 Stabilization: Fair
 Ammo: 600x30mm AC
 Fuel Type: G, Avg, A
 Load: 300 kg
 Veh Wt: 17.2 tons
 Crew: 3
 Mnt: 6
 Night Vision: Headlights

AMX-13 DCA (Light Combat Vehicle): The AMX-13 DCA is a Franco-Swiss SPAA gun system mounting twin Swiss 30mm guns on the AMX-13 light tank chassis. The vehicle has a driver's hatch on the front hull deck, and gunner and commander's hatches on the turret deck.

Tr Mov: 110/80
Com Mov: 55/40
Fuel Cap: 720
Fuel Cons: 275

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐
 Sight/Vision: Gun sight ☐ TA radar ☐ Night vision equipment ☐
 Radio: ☐
 30mm AC (L): ☐
 30mm AC (R): ☐
 Traverse: ☐
 Engine: ☐
 Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐
 Suspension: Minor damage ☐ Immobilized ☐

Combat Statistics

Config: Trt	TF: 3	HF: 6
Susp: 3	TS: 3	HS: 4
	TR: 2	HR: 3

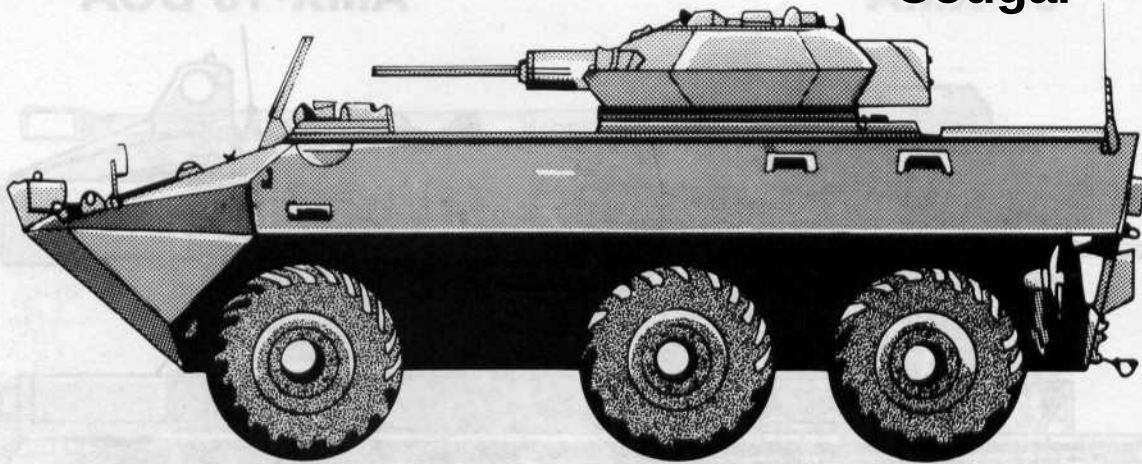
AMMUNITION

Use 30mm autocannon ammo records provided on page 5.

WEAPON DATA

Weapon	ROF	Mag	Rng	Ammo	Damage	Pen
30mm AC	5	100B	350	HE-I	C:1,B:2	-6C

Cougar



Price:\$70,000 (R/R)

RF: +2

Armament: 76mm gun, C-6 GPMG (coaxial)

Stabilization: Fair

Ammo: 40x76mm

Fuel Type: D, A

Load: 300 kg

Veh Wf: 9.6 tons

Crew:3

Mnf: 8.

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner/Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio:D

76mm Gun:☐

C-6 GPMG (Coaxial):U

Traverse:☐

Engine:☐

Fuel (% Consumed or Destroyed): h h h h h h h h h h h h h h h h h h

Suspension: Minor damage ☐ Immobilized ☐

Cougar (Light Combat Vehicle): The Cougar is a Canadian armored car and, like the Canadian Grizzly, is based on the Swiss 6x6 MOWAG Piranha amphibious vehicle. The vehicle has a driver's hatch on the front hull deck, and commander and loader's hatches on the turret deck. Access to the hull is also provided by two hinged doors at the rear of the vehicle. The armored car has two firing ports on either side and two at the rear. The C-6 is the Canadian version of the Belgian MAG-58 MG.

Tr Mov: 180/70

Com Mov: 60/25

Fuel Cap: 250

Fuel Cons: 60

Combat Statistics

Config:Trt TF: 6 HF: 6

Susp: W(6) TS:3 HS: 3

TR: 3 HR:3

AMMUNITION

Use MG ammo records provided on page 5.

WEAPON DATA

Type	Round	Rng	Damage	Pen
76mm	HE	300	C:6, B:12	-3C
Rid: 1	HESH	300	C:6, B:12	20C
	CHEM*	300	C:3, B:20	Nil
	Cannister	50	C:6, B:12	4/3/2/-1

* HC smoke is the only chemical round available for this gun.

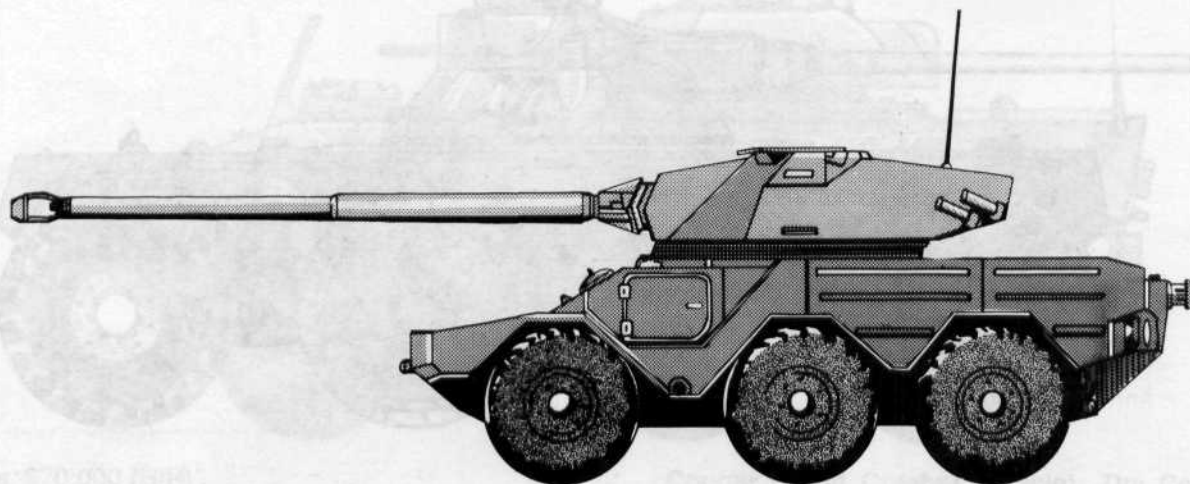
—Recoil—

Weapon	ROF	Dani	Pen	Blk	Mag	SS	Brst	Rng
C-6GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

76mm Gun (40 rounds)

☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐

ERC-90



Price: \$200,000 (R/C)

RF: +3

Armament: 90mm gun, MAG MG (coaxial), MAG MG (C)

Stabilization: Fair

Ammo: 36x90mm

Fuel Type: G, A

Load: 300 kg

Veh Wt: 7.8 tons

Crew: 3

Mnt: 6

Night Vision: Headlights, passive IR, light intensification

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner/loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

90mmf Gun: ☐

MAG MG (C): ☐

MAG MG (Coaxial): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

ERC-90 (Light Combat Vehicle): This French-built armored car entered production in 1979, intended primarily for overseas sales. The *Engin Reconnaissance de Canon 90* is used by Argentina and Mexico (where it is known as the Lynx), Chad, Iraq, and the Ivory Coast, and is also used in small numbers by the French Army. The vehicle has a driver's hatch on the right hull side, and commander and gunner's hatches on the turret deck. The vehicle is not amphibious, and export versions have no NBC protection.

Tr Mov: 200/140

Com Mov: 100/70

Fuel Cap: 480

Fuel Cons: 120

Combat Statistics

Config: Trt TF: 8 HF: 8

Susp: W(3) TS: 8 HS: 6

TR: 4 HR: 4

AMMUNITION

Use MG ammo records provided on page 5.

WEAPON DATA

Type	Round	Rng	Damage	Pen
90mmf	APFSDS	300	24	30/25/20/15
Rid: 1	HEAT	300	C:5, B:10	60C
	HE	300	C:5, B:10	4C

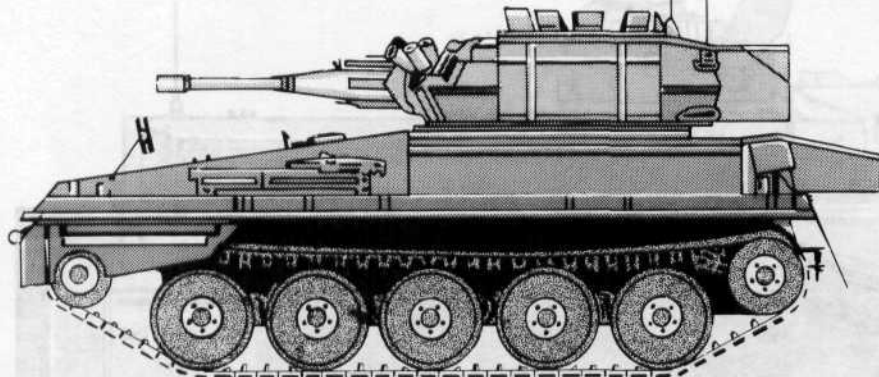
—Recoil—

Weapon	ROF	Dan	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	50B	1	9	65
bipod	10	4	2-3-Nil	6	50B	1	5	90
tripod	10	4	2-3-Nil	6	50B	1	4	125

90mmf Gun (36 rounds)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐

FV-101 Scorpion



Price: \$70,000 (S/R)

RF: +2

Armament: 76mm gun (or 90mm gun), L7A2 GPMG

Stabilization: Fair

Ammo: 40x76mm or 30x90mm

Fuel Type: G, A

Load: 300 kg

Veh Wt: 8 tons

Crew: 3

Mnt: 8

Night Vision: Headlights, passive IR

FV-101 Scorpion (Light Combat Vehicle): The FV-101

Scorpion is a British-built light reconnaissance tank which comes in several variants. The vehicle has a two-man turret with hatches for the commander and gunner, and has a driver's hatch on the front deck. Some versions of the Scorpion use diesel instead of regular automotive gasoline, and a few were built using the Cockerill 90mm gun.

Tr Mov: 160/130

Com Mov: 80/65

Fuel Cap: 423

Fuel Cons: 105

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner/loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

76mm Gun: ☐

90mm Gun: ☐

L7A2 GPMG: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Combat Statistics

Config: Trt TF: 6 HF: 6

Susp: W(6) TS:3 HS:3

TR:3 HR:3

AMMUNITION

Use MG ammo records provided on page 5.

76mm Gun (40 rounds)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐

90mm Gun (30 rounds)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐

WEAPON DATA

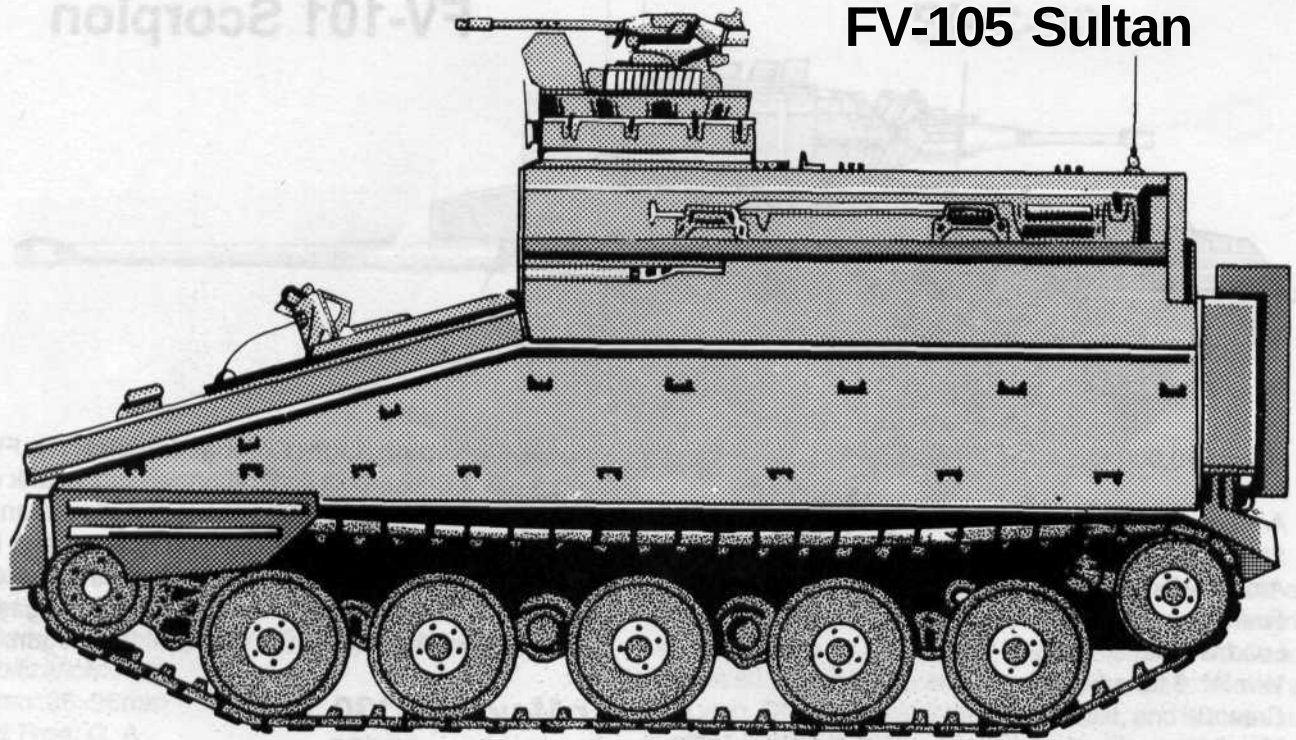
Type	Round	Rng	Damage	Pen
90mm	APDS-T	350	24	30/25/20/15
Rid: 1	HEAT	350	C:5, B:10	60C
76mm	HE	300	C:6, B:12	-3C
Rid: 1	HESH	300	C:6, B:12	20C
	CHEM*	300	C:3, B:20	Nil
	Cannisler	50	C:6, B:12	4/3/2/-1

*HC smoke is the only chemical round available for this gun.

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

FV-105 Sultan



Price: \$80,000 (S/R)

Armament: L7A2 GPMG (C)

Ammo: 300x7.62mmN belted

Fuel Type: G, A

Load: 600 kg

Veh Wt: 8 tons

Crew: 3+3

Mnt: 8

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Passengers: 1 ☐ 2 ☐ 3 ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

L7A2 GPMG (C): ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

FV-105 Sultan (Light Combat Vehicle): The Sultan is a TOC (tactical operations center) version of the Spartan tracked AFV and is equipped with additional command, control, and communications equipment. It is otherwise identical to the Spartan.

Tr Mov: 170/120

Com Mov: 85/55

Fuel Cap: 390

Fuel Cons: 156

Combat Statistics

Config: Std HF: 6

Susp: T: 2 HS: 3

HR: 3

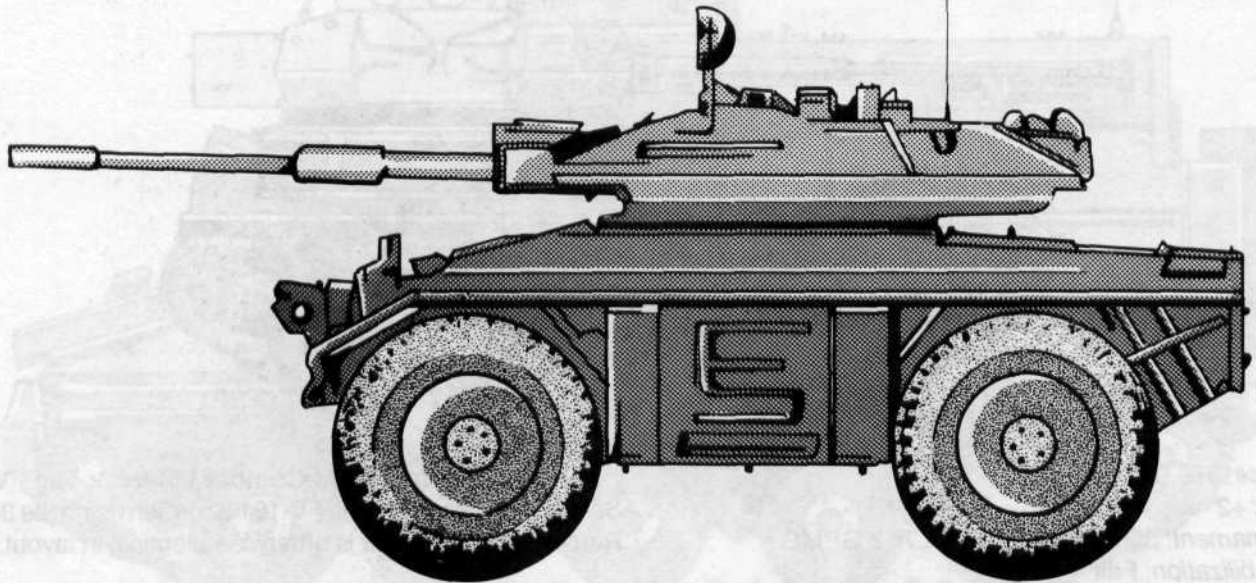
AMMUNITION

Use 7.62mmN ammo records provided on page 5.

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—		
						SS	Brst	Rng
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

FV-721 Fox



Price: \$50,000 (S/R)

RF: +3

Armament: 30mm Rarden AC, L7A2 GPMG

Ammo: 135x30mm

Fuel Type: G, A

Load: 400 kg

Veh Wt: 6 tons

Crew: 3

Mnt: 8

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

30mm Rarden AC: ☐

L7A2 GPMG: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

FV-721 Fox (Light Combat Vehicle): The FV-721 Fox armored car is a British-built, 4x4, armored reconnaissance vehicle, which replaced the earlier (and now obsolete) Ferret armored car. Its lack of an amphibious capability is a severe drawback in a reconnaissance vehicle, however. The Fox has a driver's hatch on the front deck, hatches on the turret deck for the commander and gunner, and another hatch on the left side of the vehicle.

Tr Mov: 200/100

Com Mov: 90/50

Fuel Cap: 390

Fuel Cons: 180

Combat Statistics

Config: Trt TF: 6 HF: 6

Susp: W(3) TS: 3 HS: 4

TR: 3 HR: 4

AMMUNITION

Use 30mm and MG ammo records provided on page 5.

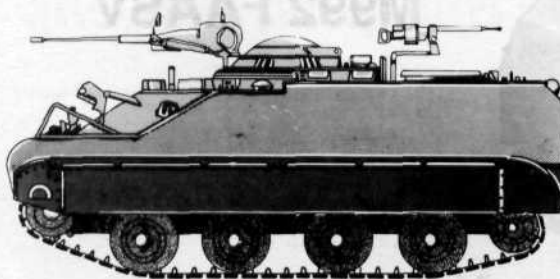
WEAPON DATA

Weapon	ROF	Mag	Rng	Ammo	Damage	Pen
30mm Rar	5	100B	250	APDS	16	8/3/-2
			250	HE	C:1,B:2	-6C

WEAPON DATA

—Recoil—								
Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
L7A2GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

Lynx



Price:\$75,000 (R/R)

RF: +2

Armament: M2HB MG, C-6 GPMG

Stabilization: Fair

Ammo: As cargo

Fuel Type: D, A

Load: 500 kg

l/ert WT; 9.8 tons

Crew: 3

MAt: 8

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

M2HB MG ☐

C-6 GPMG or C-5 GPMG ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam)	Pen	Blk	Mag	SS	Brst	Rng
C-6 GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125
C-5 GPMG	5	4	2-3-Nil	5	100B	1	4	65
tripod	5	4	2-3-Nil	5	100B	1	2	125
M2HB MG	5	8	2-2-3*	8	105B	3	14	65
tripod	5	8	2-2-3'	8	105B	2	7	150

*.50 SLAP ammunition has a penetration of 1-1-2.

Lynx (Light Combat Vehicle): A light reconnaissance version of the M113, also known as the M113 C&R (built in Canada under license from FMC, the American manufacturer of the M113), the Lynx has a driver's hatch on the front hull deck, and gunner and commander's hatches on the turret deck. The vehicle has an additional weapons mount (NHT equivalent), but no standard weapon is provided. The Lynx is fully amphibious at one-quarter its cross-country speed, and is NBC sealed. The C-6 GPMG is the Canadian designation for the Belgian MAG-58 MG. A few vehicles in some units are equipped with the C-5 (the Canadian designation of the M1919 MG), which was in the process of being replaced by the C-6 when the war began.

M113 C&R Lynxes are also found in service with the Dutch armed forces, and those of a few other nationalities.

Tr Mov: 140/110

Com Mov: 70/55

Fuel Cap: 360

Fuel Cons: 120

Combat Statistics

Config: TrT HF: 6

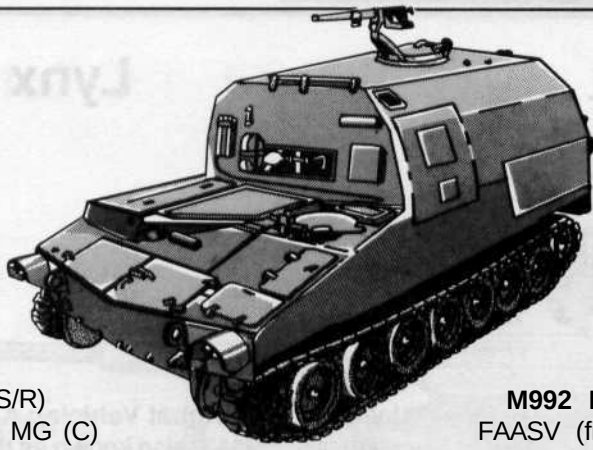
Susp: T: 3 HS: 4

HR:4

AMMUNITION

Use MG ammo records provided on page 5.

The Lynx is an example of a rare breed: a military system of US manufacture not purchased by the United States military, but still sold overseas. It is almost an iron-clad rule among international arms buyers that if the Pentagon won't buy it, it can't be any good, and several US manufacturers have lost their shirts on a project because Uncle Sam turned it down.



M992 FAASV

Price: \$100,000 (S/R)
Armament: M2HB MG (C)
Ammo: 90x155mm howitzer or 40x203mm howitzer (including propelling charges), MG ammo as cargo
Fuel Type: D, A
Load: 500 kg
Veh Wt: 18 tons
Crew: 4
Mnt: 8
Night Vision: Headlights, passive I/R

Damage Record

Crewmembers: Commander ☐ Driver ☐ Ammo handler 1 ☐
Ammo handler 2 ☐
Sight/Vision: Night vision equipment ☐
Radio: ☐
M2HB MG (C): ☐
Engine: ☐
Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐
Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
M2HB	5	8	2-2-3*	8	105B	3	14	65
tripod	5	8	2-2-3*	8	105B	2	7	150

*.50 SLAP ammunition has a penetration of 1-1-2.

M992 FAASV (Light Combat Vehicle): The M992 FAASV (field artillery ammunition support vehicle) was developed as a private venture by BMV, but it was soon adopted by the US Army and the armies of several other nations. The vehicle has a driver's hatch on the front deck, a commander's hatch with weapons mount (NHT equivalent), and a large, upward-swinging door in the backthrough which an ammunition conveyor can be hooked into the loading mechanism of an M109 or M110 self-propelled howitzer. Hatches in the sides allow the vehicle's storage racks to be readily restocked in a minimum amount of time.

Tr Mov: 110/65

Com Mov: 35/25

Fuel Cap: 450

Fuel Cons: 150

Combat Statistics

Config: Stnd HF: 3
Susp: 2 HS: 3
HR: 3

AMMUNITION

Use MG ammo records provided on page 5.

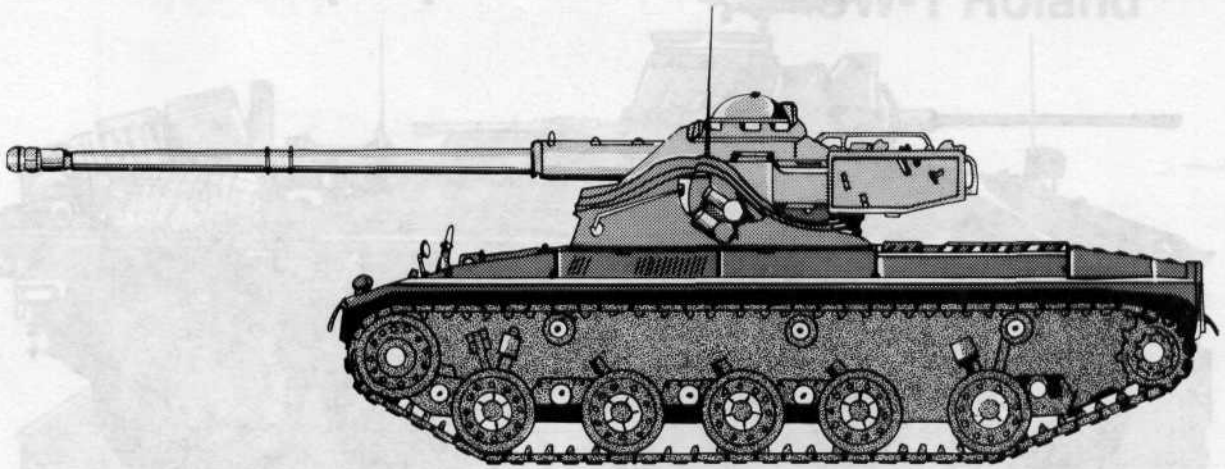
155mm Howitzer (90 rounds and propelling charges)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐

203mm Howitzer (40 rounds and propelling charges)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐

SK105 Kūrassier



Price: \$200,000 (R/R)

RF: +3

Armament: 105mm gun, MAG MG (coaxial)

Stabilization: Fair

Ammo: 24x105mm

Fuel Type: D, A

Load: 400 kg

Veh Wt: 17.5 tons

Crew: 3

Mnt: 8

Night Vision: Headlights, active/passive IR

SK-105 Kūrassier (Light Combat Vehicle): The SK-105 Kūrassier is an Austrian light tank incorporating a modified turret from the French AMX-13. In addition to Austria, the vehicle is used by Argentina, Bolivia, Morocco, and Tunisia. The SK-105 is not amphibious, but is NBC sealed.

Tr Mov: 110/80

Com Mov: 55/40

Fuel Cap: 184

Fuel Cons: 48

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

105mm Gun: ☐

MAG MG (Coaxial): ☐

Loader: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Combat Statistics

Config: Trt TF: 6 HF: 6

Susp: T: 3 TS: 5 HS: 4

TR: 2 HR: 4

AMMUNITION

Use MG ammo records provided on page 5.

105mm Gun (24 rounds)

☐☐☐☐☐☐☐☐☐☐

☐☐☐☐☐☐☐☐☐☐

☐☐☐☐

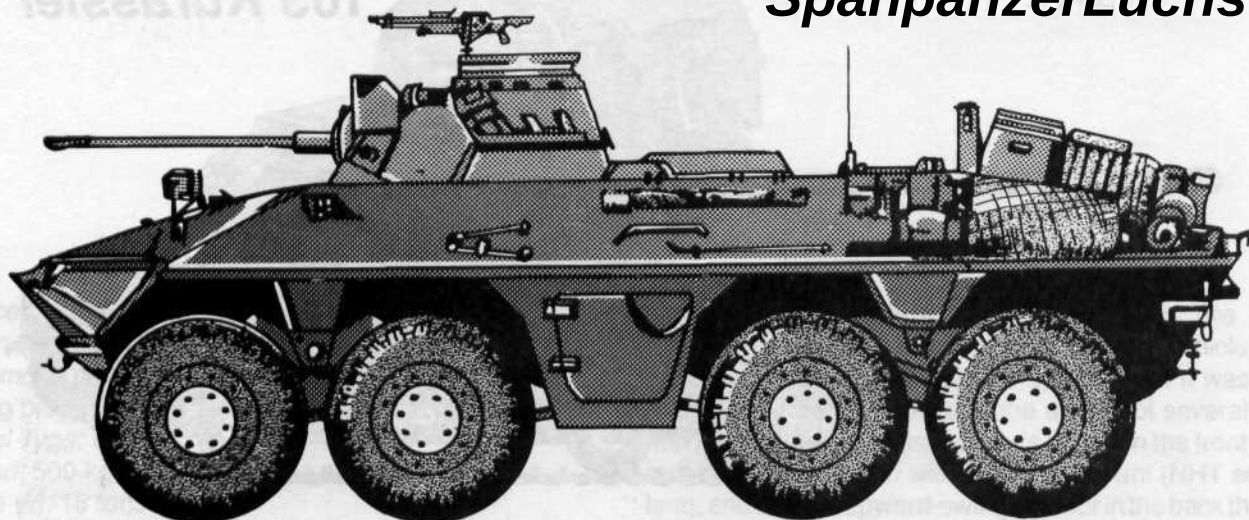
WEAPONDATA

Type	Round	Rng	Damage	Pen
105mm	HEAT	400	C:6, B:12	80C
Rid: 1	WP	400	C:3, B:20	Nil

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	50B	1	9	65
bipod	10	4	2-3-Nil	6	50B	1	5	90
tripod	10	4	2-3-Nil	6	50B	1	4	125

SpahpanzerLuchs



Price: \$250,000 (S/R)

RF: +2

Armament: 1x25mm AC, MG3 MG (C)

Stabilization: Fair

Ammo: 600x25mm

Fuel Type: D, A

Load: 400 kg

VehWt: 19.5 tons

Crew: 4

Mrtf:8

Al/gW Vision: Headlights, passive IR

SpahpanzerLuchs (Ughi Combat Vehicle): The *Luchs* (Lynx) is an 8x8 wheeled, amphibious, reconnaissance vehicle in service only with the German Bundeswehr. The vehicle is unusual in that it has two drivers, one forward facing and one rearward facing, and is capable of the same speed both forward and backward. Each driver has a hatch (forward and rear deck), and the gunner and commander each have a hatch on the turret. The *Luchs* is fully amphibious at one-quarter its cross-country speed.

Tr Mov: 180/120

Com Mov: 90/60

Fuel Cap: 320

Fuel Cons: 160

Damage Record

Crewmembers: Commander ☐ Frontdriver ☐ Reardriver ☐

Gunner ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

25mm AC: ☐

MG3 MG (C): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Combat Statistics

Config: Trt TF: 10

HF: 12

Susp: W(3)

TS: 6

HS: 6

TR: 4

HR: 4

AMMUNITION

Use 25mm autocannon and MG ammo record provided on page 5.

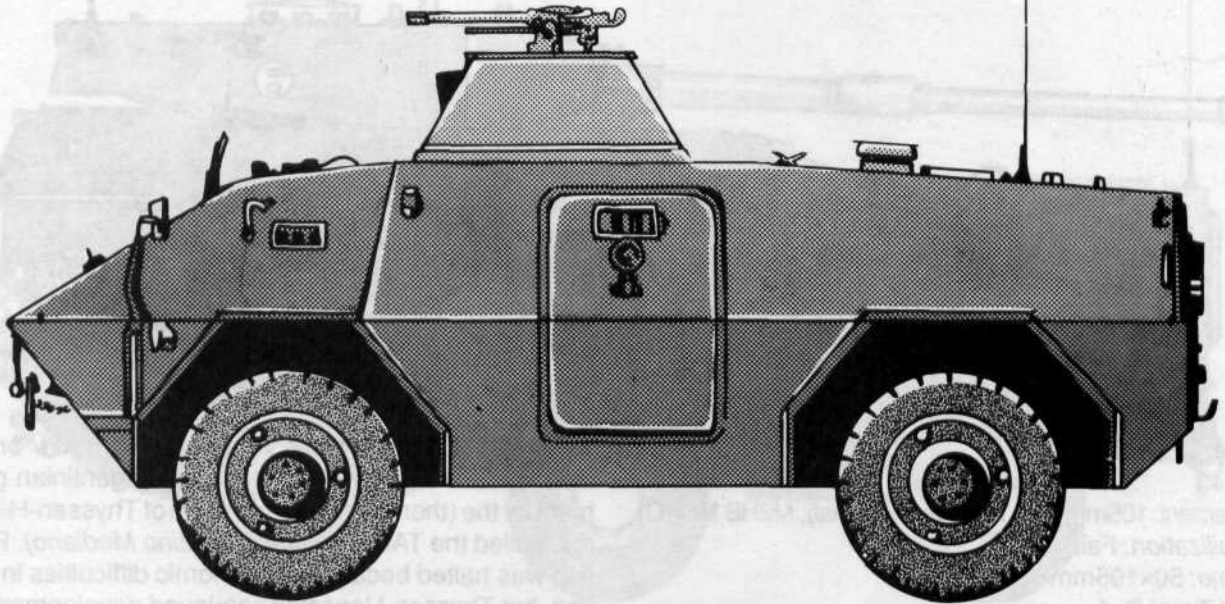
WEAPON DATA

Weapon	ROF	Mag	Rng	Ammo	Damage	Pen
25mm AC	5	100B	250	APFSDSDU	14	13/9/3
			250	API	14	4/0/-2
			250	HE	C:1,B:2	-8C

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	I3rst	Rng
MG3	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

SW-1 Roland



Pr/c: \$20,000 (R/—)

Armament: MG3 MG

Ammo: 300x7.62mmN belted

Fuel Type: D, A

Load: 50 kg

Veh Wt: 6 tons

Crew: 2+6

Mnt: 8

Night Vision: Headlights, passive IR

SW-1 Roland (Light Combat Vehicle): A small number of these 4x4 light APCs, which were built by the Swiss firm of MOWAG, were acquired by the Bundeswehr for evaluation purposes in the early 1990s. The Roland was never adopted for service by the FRG. However, a number of the evaluation vehicles were pressed into service by the German II Corps to be used as replacements in 1997.

TrMov: 120/50

Com Mov: 60/40

Fuel Cap: 170

Fuel Cons: 80

Combat Statistics

Config: Trt	TF: 4	HF: 6
Susp: W(2)	TS: 3	HS: 3
	TR: 3	HR: 3

AMMUNITION

Use MG ammo records provided on page 5.

Damage Record

Crewmembers: Commander ☐ Driver/gunner ☐

Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision

equipment ☐

Radio: ☐

MG3 MG: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

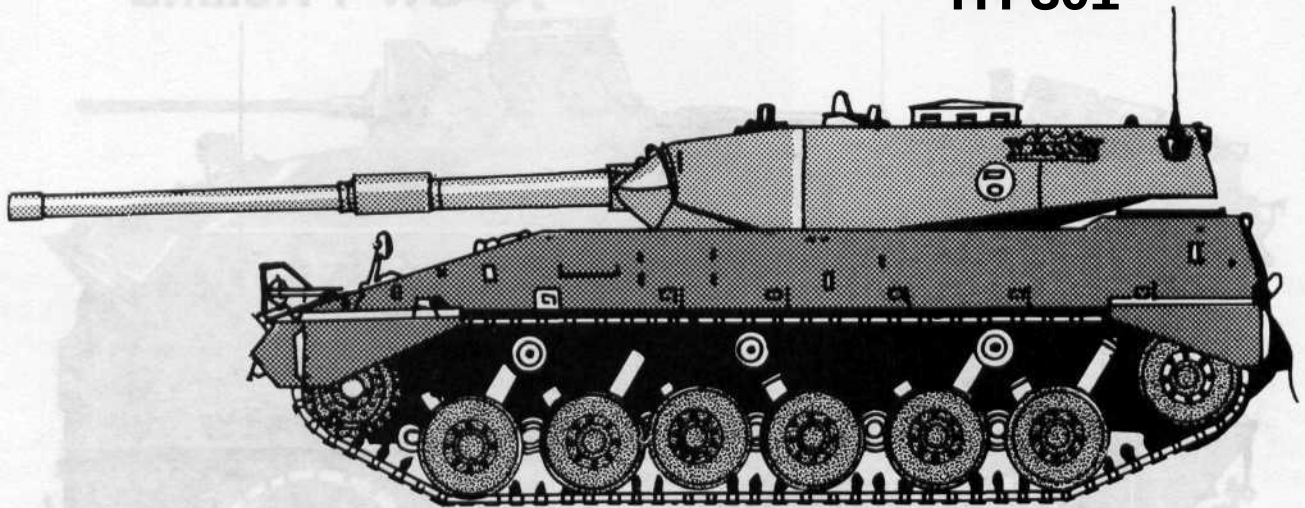
Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MG3MG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

TH-301



Price: \$750,000 (S/R)

RF:+3

Armament: 105mm gun, MG3 MG (coaxial), M2HB MG (C)

Stabilization: Fair

Ammo: 50x105mm

Fuel Type: D, A

Load: 400 kg

Veh Wt: 30.5 tons

Crew: 4

Mnt: 8

Night Vision: Passive IR, headlights

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐ Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

105mm Gun: ☐

MG3 MG (Coaxial): ☐

M2HB MG (C): ☐

Loader: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dan)	Pen	Blk	Mag	—Recoil—		
						SS	Brst	Rng
MG3MG	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125
M2HB MG	5	8	2-2-3*	8	105B	3	14	65
tripod	5	8	2-2-3*	8	105B	2	7	150

*.50 SLAP ammunition has; a penetration of 1-1-2.

TH-301 (Light Combat Vehicle): A light AFV originally developed in the early 1970s for the Argentinian government by the (then) West German firm of Thyssen-Henschel and called the TAM (*Tanque Argentino Mediano*). Production was halted because of economic difficulties in Argentina, but Thyssen-Henschel continued development of the vehicle in hopes of a sale to the Bundeswehr, which eventually came through in the early 1990s. The vehicle is conventional in its layout, and is NBC sealed.

Tr Mov: 130/110

Com Mov: 60/40

Fuel Cap: 650

Fuel Cons: 150

Combat Statistics

Config: Trt	TF: 35	HF: 35
Susp: T: 3	TS: 20	HS: 25
	TR: 20	HR: 15

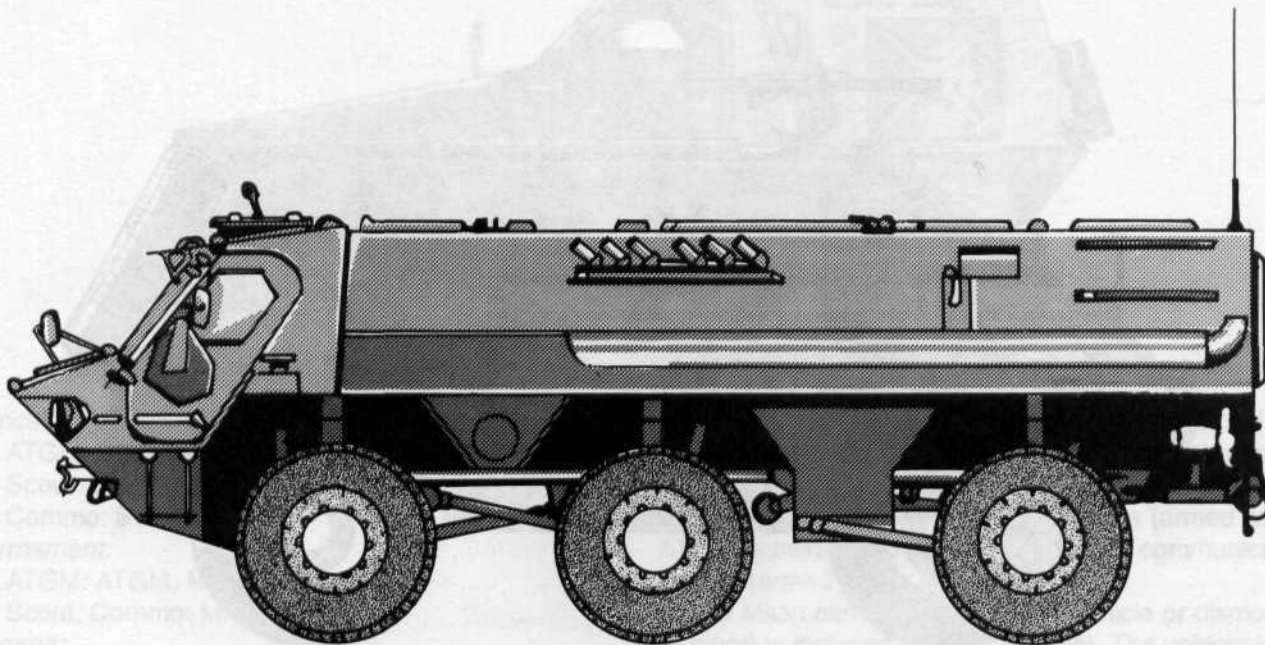
AMMUNITION

Use MG ammo records provided on page 5.

WEAPON DATA

Type	Round	Rng	Damage	Pen
105mm	APFSDS	500	26	80/70/60/40
Rid: 1	APFSDSDU	500	26	100/90/80/60
	HEAT	400	C:6, B:12	80C
	WP	400	C:3, B:20	Nil

TPz1 *Fuchs*



Price: \$250,000 (C/S)

Armament: MG3 MG

Ammo: 300x7.62mmN belted

Fuel Type: D, G, A

Load: 1 ton

Veh Wt: 16 tons

Crew: 2+10

Mnt: 8

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander/gunner ☐ Driver ☐

Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

MG3 MG: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—		Rng
						SS	Bst	
MG3MG	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

TPz1 Fuc/JS(Light Combat Vehicle): The TPz1 *Fuchs* (Fox) is a German-built, 6x6 AFV armed with the MG3 general-purpose machinegun. The TPz1 has double cargo doors in the rear, and both driver and gunner's hatches on the front deck (the gunner's hatch, on the right, is NHT equivalent). Each side of the forward compartment has a conventional door. The *Fuchs* was designed primarily for use by headquarters and other specialty detachments (commo, NBC, EW, etc.) rather than as a combat vehicle. Firing ports are located on the left, right, and rear sides of the vehicle. The vehicle is fully amphibious at one-quarter its cross-country speed.

rrMov;110/60

Com Mov: 55/40

Fuel Cap: 400

Fuel Cons: 170

Combat Statistics

Config: Std HF:4

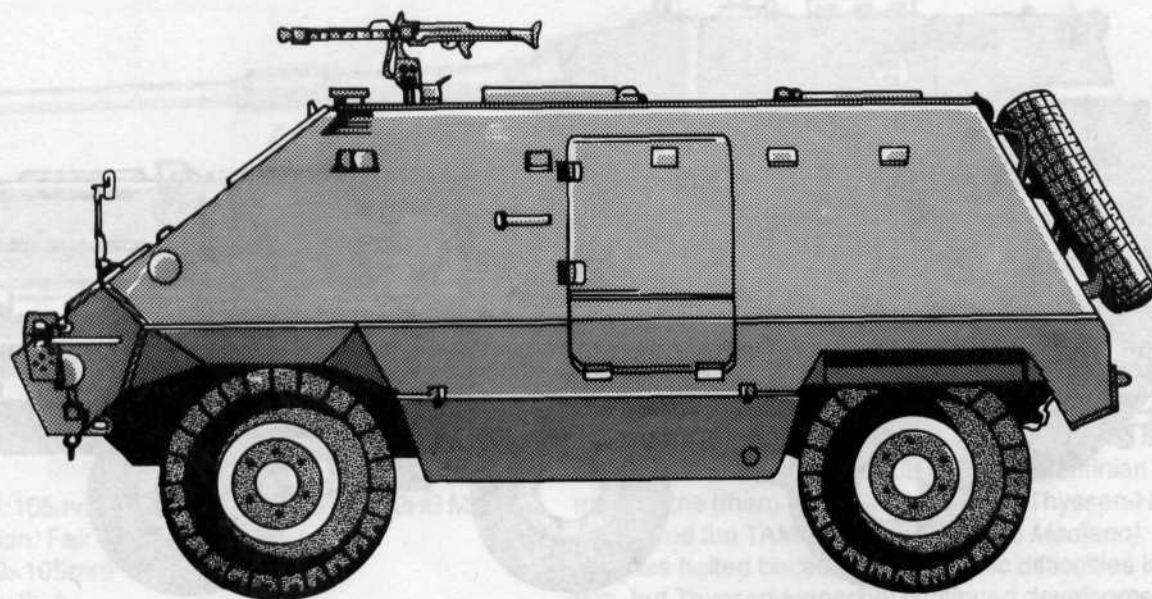
Susp: W(3) HS:3

HR:3

AMMUNITION

Use MG ammo records provided on page 5.

UR-416



Price: \$20,000 (C/S)
Armament: MG3 MG
Ammo: 300x7.62mmN belted
Fuel Type: D, G, A
Load: 800 kg
Veh Wt: 6.3 tons
Crew: 2+8
Mnt: 8
Night Vision: Headlights

Damage Record

Crewmembers: Commander/gunner ☐ Driver ☐
Passengers: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐
Sight/Vision: Night vision equipment ☐
Radio: ☐
MG3 MG: ☐
Engine: ☐
Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—		
						SS	Brst	Rng
MG3 MG	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

UR-416 (Light Combat Vehicle): The UR-416 is a small, 4x4 wheeled APC in service with the West German police, border patrol, and military forces. The vehicle has two deck hatches, one front (with NHT equivalent weapons mount) and one rear. One door on each side and one in the rear provide for rapid passenger access. The vehicle has five firing ports on each side and two in the rear.

Tr Mov: 160/60

Com Mov: 60/40

Fuel Cap: 160

Fuel Cons: 80

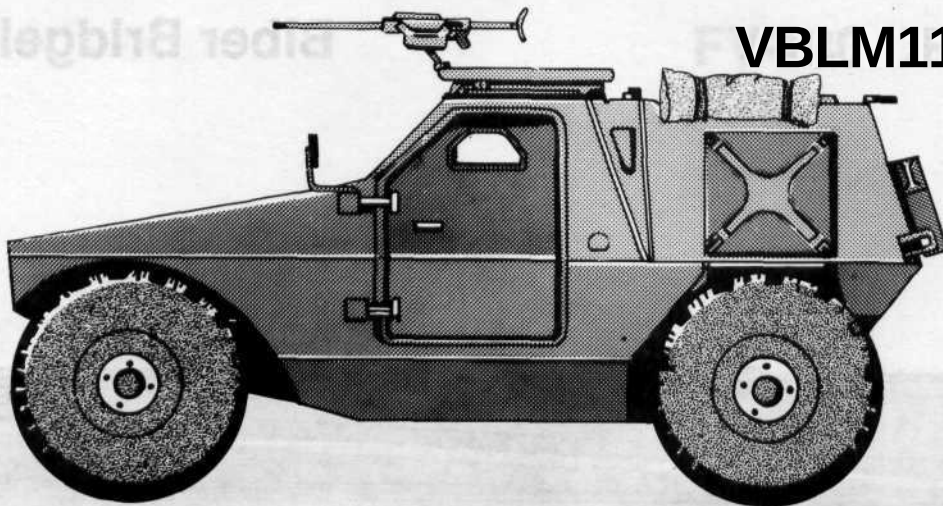
Combat Statistics

Config: Stnd **HF:** 4
Susp: W(3) **HS:** 3
HR: 3

AMMUNITION

Use MG ammo records provided on page 5.

VBLM11



Price:

ATGM: \$9600 (C/S)

Scout: \$8500 (C/S)

Commo: \$10,000 (C/S)

Armament:

ATGM: ATGM, M2HB MG (C)

Scout, Commo: MAG MG (C)

Ammo:

ATGM: 6xATGM (ATGM)

Scout, Commo: MG ammo as cargo

Fuel Type: G, Avg, A

Load:

ATGM, Commo: 300 kg

Scout: 400 kg

Veh Wt: 3.5 tons

Crew:

ATGM: 3

Scout, Commo: 2

Mnt: 4

Night Vision: Headlights

VBL M11 (Light Combat Vehicle): The VBL M11 is a 4x4 light vehicle built by the French firm of Panhard. The three most common variants are a scout vehicle (armed with a MAG MG), and an ATGM vehicle (armed with an ATGM launcher and M2HB MG), and a communications vehicle (armed with a MAG MG).

The Milan can be fired from the vehicle or dismounted (a tripod is included with the vehicle). The vehicle is fully amphibious at one-quarter its cross-country speed, but is not NBC sealed.

Tr Mov: 180/140

Com Mov: 90/70

Fuel Cap: 120

Fuel Cons: 30

Combat Statistics

Config: Std HF: 2

Susp: W(2) HS: 2

HR: 2

AMMUNITION

Use MG ammo records provided on page 5.

Milan ATGM (6 missiles)

●●●●●●

WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125
M2HB MG	5	8	2-2-3*	8	105B	3	14	65
tripod	5	8	2-2-3*	8	105B	2	7	150

*.50 SLAP ammunition has a penetration of 1-1-2.

WEAPON DATA

Type	Rid	Rng	Damage	Pen
Milan II	3	2000	C:12, B:12	145C
Milan IIT	3	2000	C:12, B:12	145C

Damage Record

Crewmembers (ATGM): Commander ☐ Driver ☐ Gunner ☐

Crewmembers (Scout, Commo): Commander ☐ Driver/
radio operator ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

ATGM Launcher (ATGM): ☐

M2HB MG (C) (ATGM): ☐

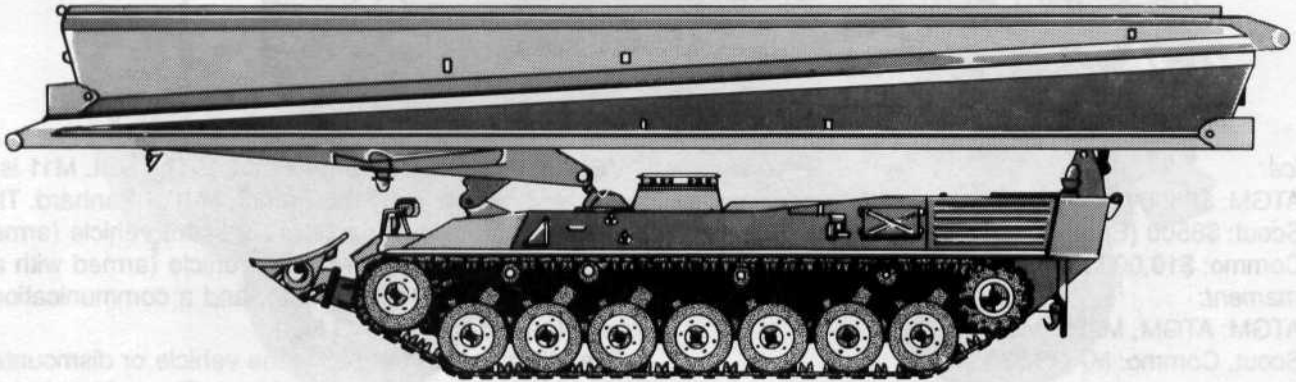
MAG MG (C) (Scout, Commo): ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Biber Bridgelayer



Price: \$175,000 (R/—)

Armament: MG3 MG

Ammo: 300x7.62mmN belted

Fuel Type: D, A

Load: 400 kg

Veh Wt: 33 tons (47 tons with bridge)

Crew: 2

Mnt: 8

Night Vision: Headlights

Damage Record

Crewmembers: Commander ☐ Driver ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

MG3 MG: ☐

Bridge: Minor damage ☐ Destroyed ☐ Stuck ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recil—		Rng
						SS	Brst	
MG3MG	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

Biber Bridgelayer (Engineering Vehicle): The Biber is an engineering version of the Leopard I tank on which the turret has been removed and replaced with the machinery for emplacing a 20-meter vehicle bridge. All turret hits on this vehicle are hits on the bridge (unless the bridge has been deployed, in which case they are misses).

Bridges take damage as if they were a tracked suspension with an armor value of 4. Minor damage has no effect. Two minor damage results indicate that the bridge can be removed from the vehicle but not used. A third minor damage result or any major damage result indicates that the bridge cannot be deployed or removed from the tank without external aid and is useless in any case.

Tr Mov: 80/60

Com Mov: 32/25

Fuel Cap: 1800

Fuel Cons: 600

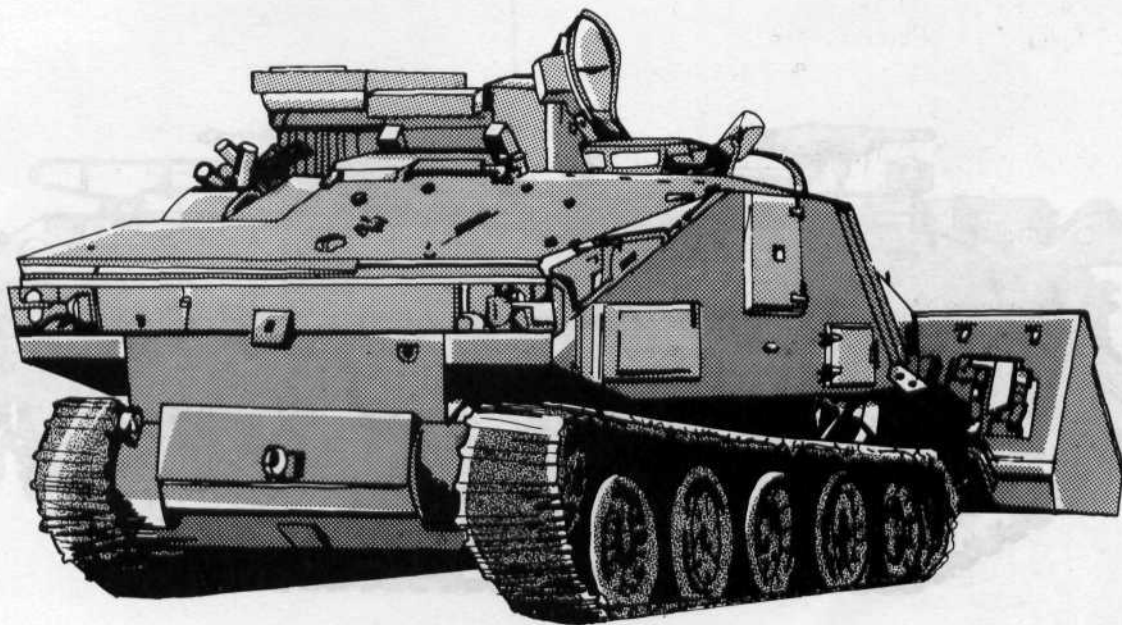
Combat Statistics

Config: CiH	TF: 4	HF: 26
Susp: T: 6	TS: 4	HS: 7
	TR: 4	HR: 5

AMMUNITION

Use MG ammo records provided on page 5.

FV-180 CEV



Price: \$90,000 (R/—)
Armament: L7A2 GPMG (C)
Ammo: 300x7.62mmN belted
Fuel Type: D, A
Load: 300 kg
Veh Wt: 18 tons
Crew: 2
Mnt: 6
Night Vision: Headlights

Damage Record

Crewmembers: Commander/gunner ☐ Driver ☐
Sight/Vision: Night vision equipment ☐
Radio: ☐
L7A2 GPMG (C): ☐
Engine: ☐
Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐
Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dan>	Pen	Blk	Mag	—Recoil—			Rng
						SS	Brst		
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	7		65
bipod	10	4	2-3-Nil	6	100B	1	4		90
tripod	10	4	2-3-Nil	6	100B	1	2		125

FV-180 CEV (Engineer Vehicle): The British FV-180 CEV (combat engineer vehicle) is designed to fulfill a number of combat engineering requirements under fire, primarily entrenchment construction, obstacle construction/clearing, and route preparation, by means of its hydraulically operated earthmoving bucket. The FV-180 is also fitted with a rocket-propelled "anchor" which it can launch ahead of itself. Attached to a winch on the top of the vehicle, this anchor enables the FV-180 to tow itself up steep slopes and out of soft ground. Only 141 of the vehicles were built, however, and they are quite scarce by 2000.

Tr Mov: 110/55

Com Mov: 40/20

Fuel Cap: 600

Fuel Cons: 160

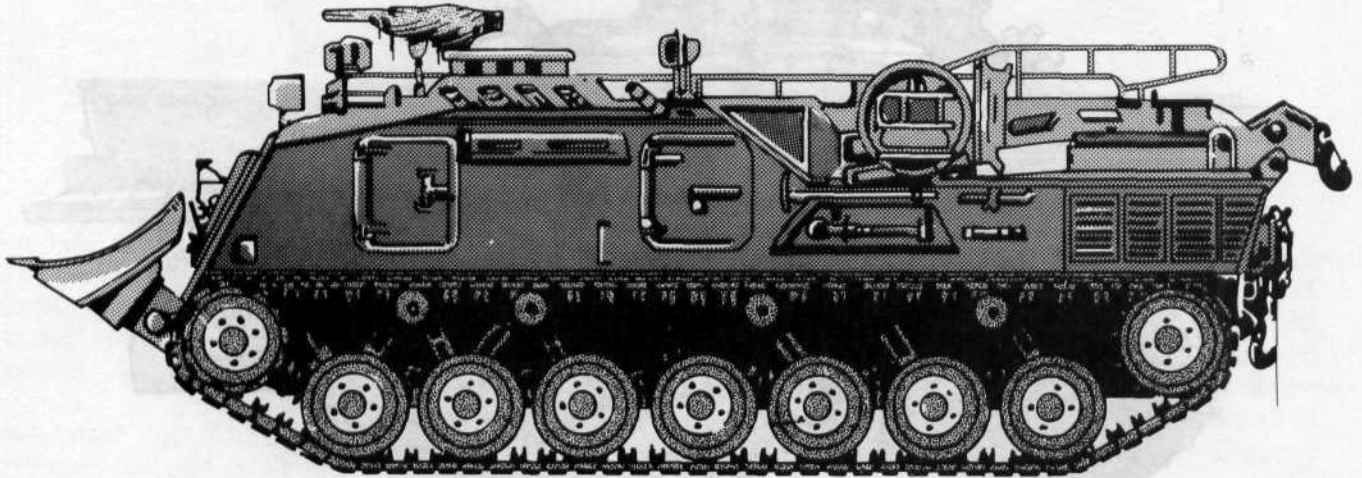
Combat Statistics

Config: Stnd HF: 15
Susp: T: 4 HS: 7
 HR: 4

AMMUNITION

Use MG ammo records provided on page 5.

Leopard AEV



Price: \$120,000 (R/—)
 Armament: MG3 MG
 Ammo: 300x7.62mmN belted
 Fuel Type: D, A
 Load: 500 kg
 Veh Wt: 40 tons
 Crew: 4
 Mnt: 6
 Night Vision: Headlights

Damage Record

Crewmembers: Commander ☐ Driver/engineer ☐ Gun-
 ner/engineer ☐ Engineer ☐
 Sight/Vision: Night vision equipment ☐
 Radio: ☐
 MG3MG: ☐
 Engine: ☐
 Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
 Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—		
						SS	Brst	Rng
MG3MG	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

Leopard AEV (Engineer Vehicle): The Leopard AEV (armored engineer vehicle) is a specialized combat engineering vehicle built for the Bundeswehr. It has a crane capable of lifting up to 20 tons, a bulldozer blade, and a hydraulic auger capable of digging holes up to two meters deep and 700 centimeters in diameter.

Tr Mov: 90/60
Com Mov: 30/20
Fuel Cap: 900
Fuel Cons: 200

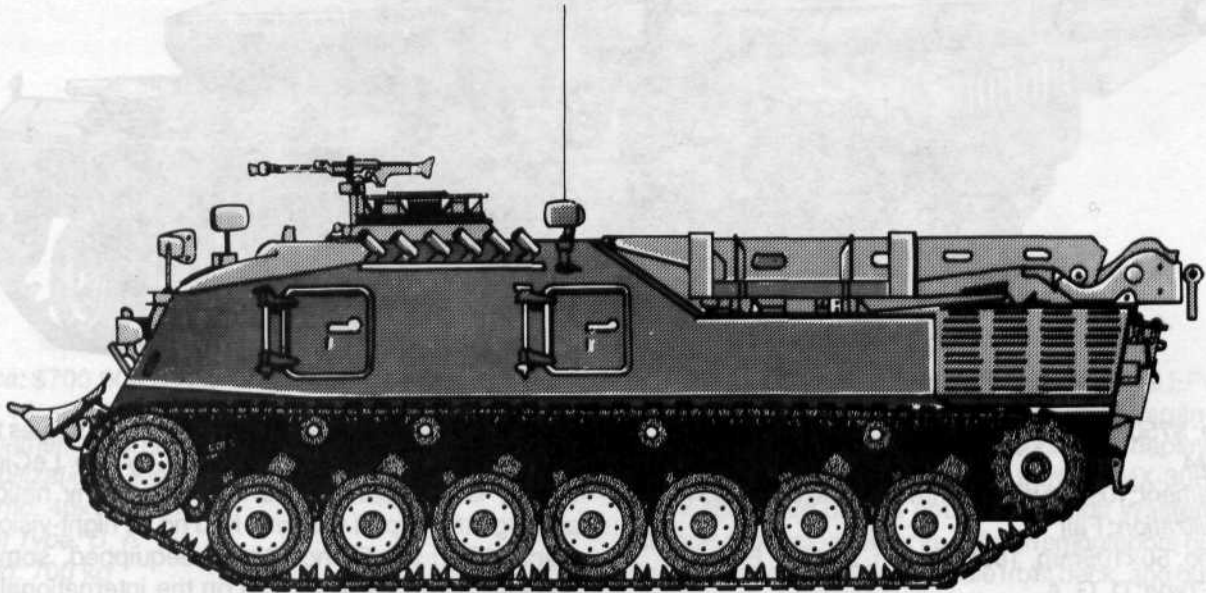
Combat Statistics

Config: Stnd HF: 26
 Susp: T: 6 HS: 7
 HR: 5

AMMUNITION

Use MG ammo records provided on page 5.

Leopard ARV



Price:\$160,000 (R/—)

Armament: MG3 MG

Ammo: 300x7.62mmN belted

Fuel Type: D, A

Load: 400 kg

Veh Wt; 44 tons

Crew: 4

Night Vision: Headlights

Leopard ARV (Engineering Vehicle): The Leopard ARV (armored recovery vehicle) is intended to provide quick repairs to damaged vehicles and then bring them out of the combat zone to rear echelon repair depots. The vehicle's turret has been replaced with a larger crew compartment and a crane (with a capacity of 12 tons) for hoisting engines out of damaged vehicles.

Damage Record

Crewmembers: Commander ☐ Driver/Mechanic 1 ☐

Mechanic 2 ☐ Mechanic 3 ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

MG3 MG: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Tr Mov: 90/60

Com Mov: 30/20

Fuel Cap: 960

Fuel Cons: 320

Combat Statistics

Config: Std HF: 26

Susp: T: 6 HS: 7

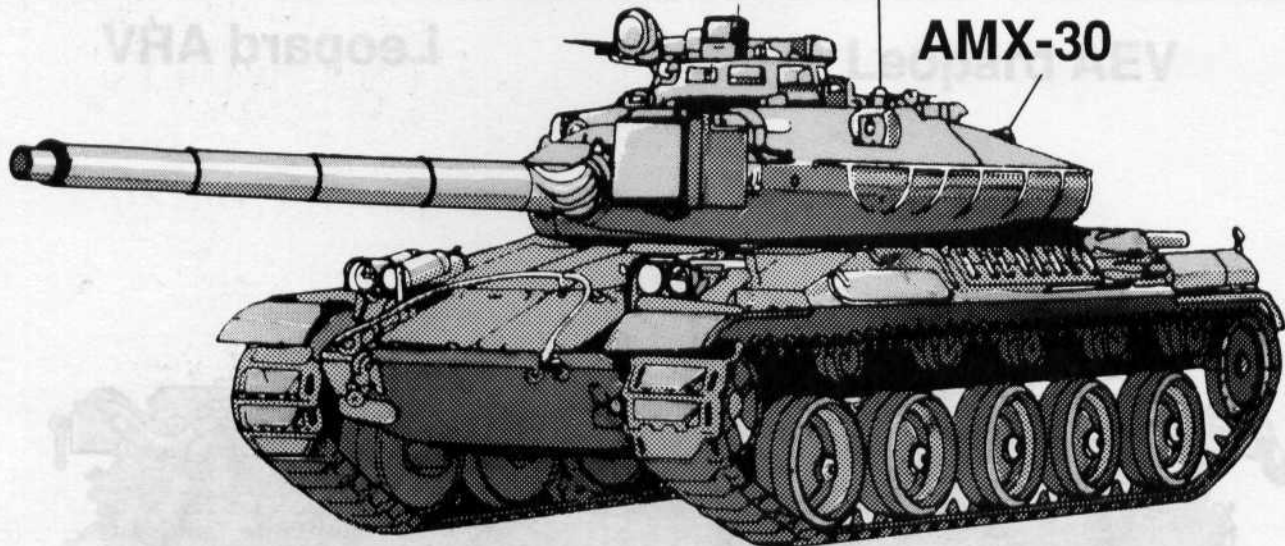
HR:5

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—		
						SS	Brst	Rng
MG3 MG	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

AMMUNITION

Use MG ammo records provided on page 5.



Price: \$750,000 (C/S)

RF: +4

Armament: 105mm gun, 20mm AC (coaxial), MAG MG (C)

Stabilization: Fair

Ammo: 50x105mm, 1050x20mm, 2000x7.62mmN

Fuel Type: D, G, A

Load: 400 kg

Veh Wt: 36 tons

Crew: 4

Mnt: 8

Night Vision: Passive IR (domestic version), headlights

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐ Loader ☐

Sight/Vision: Gun Sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

105mm Gun: ☐

20mm AC (Coaxial): ☐

MAG MG (C): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Mag	Rng	Ammo	Damage	Pen
20mm AC	10	100B	250	API	10	3/-2/-5
			250	HE	C:1, B:2	-8C

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

AMX-30 (Main Battle Tank): The AMX-30 was the main French tank until it was replaced by the LeClerc. The vehicle is still found in service with many nationalities, although the export versions had no IR night-vision equipment. When the French Army reequipped, some of the domestic versions were sold on the international market; others were put into storage. The AMX-30 is of conventional layout for a tank.

Tr Mov: 120/100

Com Mov: 60/50

Fuel Cap: 970

Fuel Cons: 250

Combat Statistics

Config: Trt TF: 16 HF: 16

Susp: T: 6 TS: 8 HS: 12

TR: 8 HR: 6

Ammunition

Use MG and 20mm ammo records provided on page 5.

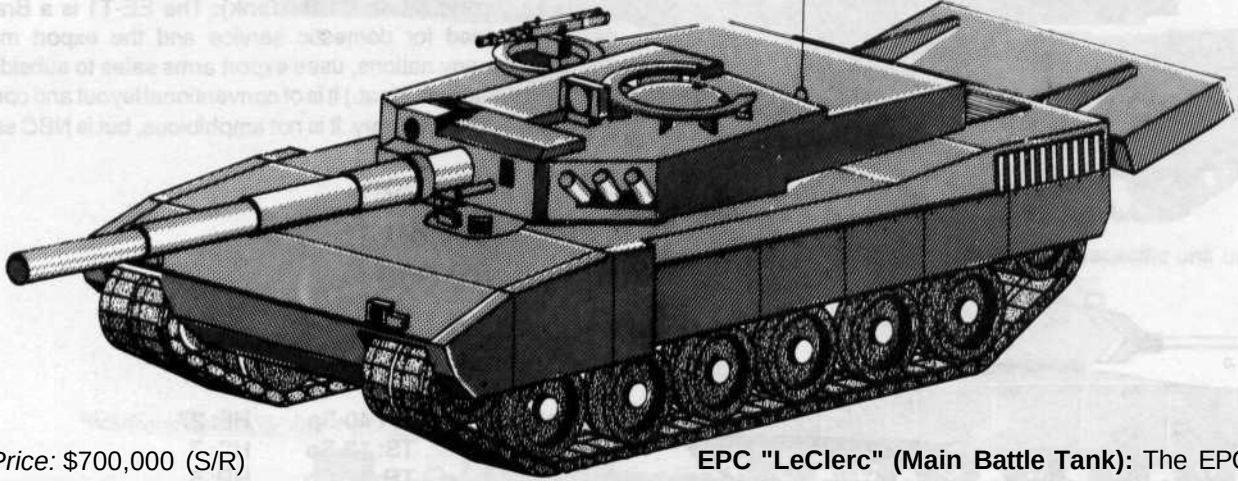
105mm Gun (50 rounds)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐

WEAPON DATA

Type	Round	Rng	Damage	Pen
105mm Rid: 1	APFSDS	500	26	80/70/60/40
	APFSDSDU	500	26	100/90/80/60
	HEAT	400	C:6, B:12	80C
	WP	400	C:3, B:20	Nil

EPC "LeClerc"



Price: \$700,000 (S/R)

RF: +4

Armament: 120mm gun, MAG MG (coaxial), MAG MG (C)

Stabilization: Good

Ammo: 40x120mm

Fuel Type: D, A

Load: 700 kg

Veh WT: 54 tons

Crew: 3

Mnt: 14

MgW Ws/on; White light searchlight, image intensifier

EPC "LeClerc" (Main Battle Tank): The EPC (*Engin Principal de Combat*, or main battle tank) began entering service in the early 1990s with French units deployed along the Rhine River. It replaced the earlier AMX-30B2. It is a fairly advanced design and was the first Western tank to include an autoloader for its 120mm smoothbore gun. There is a driver's hatch on the middle front deck, and gunner and commander's hatches on the turret deck. The gun is automatically reloaded. A weapons mount is located by the commander's hatch.

Tr Mov: 140/110

Com Mov: 35/25

Fuel Cap: 2000

Fuel Cons: 550

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

120mm Gun: ☐

MAG MG (Coaxial): ☐

MAG MG (C): ☐

Loader: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Combat Statistics

Config: Trt TF: 100-Cp HF: 100-Cp

Susp: T: 6 TS: 20 HS: 20

TR: 10 HR: 10

AMMUNITION

Use MG ammo records provided on page 5.

120mm Gun (40 rounds)

●●●●●●●●●●
 nnnnnnnnnnn
 ●●●●●●●●●●
 ●●●●●nnnnn

WEAPON DATA

Type	Round	Rng	Damage	Pen
120mm	APFSDS	500	28	110/100/90/70
Rid: 1	APFSDSDU	500	28	150/140/130/110
	HEAT	400	C:10, B:20	110C
	WP	400	C:3, B:36	Nil

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

EE-T1 Osorio

EE-T1 Osorio (Main Battle Tank): The EE-T1 is a Brazilian design intended for domestic service and the export market. (Brazil, like many nations, uses export arms sales to subsidize its domestic defense budget.) It is of conventional layout and contains nothing out of the ordinary. It is not amphibious, but is NBC sealed.

Tr Mov: 120/90

Com Mov: 60/45

Fuel Cap: 800

Fuel Cons: 200

Combat Statistics

Config: Trt	TF: 40-Sp	HF: 27
Susp: T: 6	TS: 12-Sp	HS: 7
	TR: 12-Sp	HR: 5

AMMUNITION

Use MG ammo records provided on page 5.

105mm Gun (62 rounds)

☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐
☐ ☐

120mm Gun (44 rounds)

☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐
☐ ☐

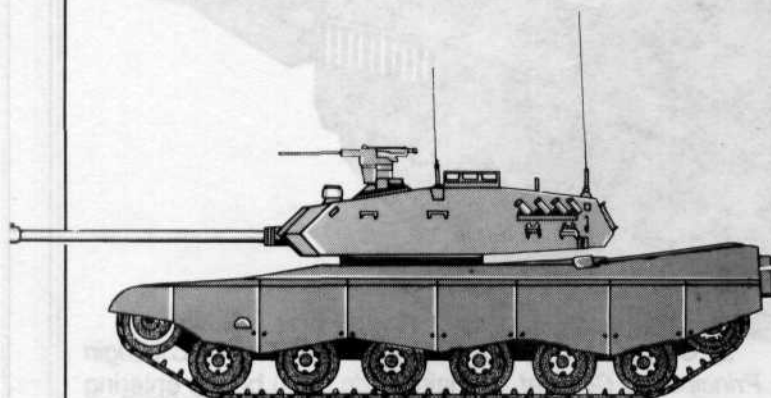
WEAPON DATA

Type	Round	Rng	Damage	Pen
105mm	APFSDS	500	26	80/70/60/40
Rid: 1	APFSDSDU	500	26	100/90/80/60
	HEAT	400	C:6, B:12	80C
	WP	400	C:3, B:20	Nil
120mm	APFSDS	500	28	110/100/90/70
Rid: 1	APFSDSDU	500	28	150/140/130/110
	HEAT	400	C:10, B:20	110C
	WP	400	C:3, B:36	Nil

—Recoil—

Weapon	ROF	Darri	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125
M2HB MG	5	8	2-2-3*	8	105B	3	14	65
tripod	5	8	2-2-3*	8	105B	2	7	150

*.50 SLAP ammunition has a penetration of 1-1-2.



Price: \$400,000 (S/S) (105mm gun), \$450,000 (R/R) (120mm gun)

RF: +2

Armament: 105mm gun or 120mm gun, M2HB MG (C), MAG MG (coaxial)

Stabilization: Fair

Ammo: 62x105mm or 44x120mm

Fuel Type: D, A

Load: 400 kg

Veh Wt: 39 tons

Crew: 4

Mnt: 6

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐ Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

105mm or 120mm Gun: ☐

M2HB MG (C): ☐

MAG MG (Coaxial): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Suspension: Minor damage ☐ Immobilized ☐



A1: Leopard II of FRG 10th Panzer Division, specific unit unknown, vicinity of Brest-Litovsk, USSR; July 1997.



A2: C1 (Leopard I), Brigade Headquarters, Canadian 4th Mechanised Brigade, Poland; June 2000.



A3: Challenger, A Troop, 1/Queen's Dragoon Guards, 7th Armoured Brigade, 1st Armoured Division, Poland; 1998.



A4: MOWAG SW-1 Roland APC, 11th Panzer Aufklarungs Battalion, II West German Corps, location unknown; December 1998.



B1: Chieftain, Brigade Headquarters, 2nd Armored Brigade, IPA 3rd Armored Division, Kazerun, Iran; July 2000.



B2: Vickers Mk 7, A Company, 2/5th Armored Brigade, IPA3rd Armored Division, Kazerun, Iran; July 2000.



B3: Scorpion, Recon Company, 11th Mechanized Infantry Brigade, IPA 12th Infantry Division, Jahrom, Iran; June 2000.



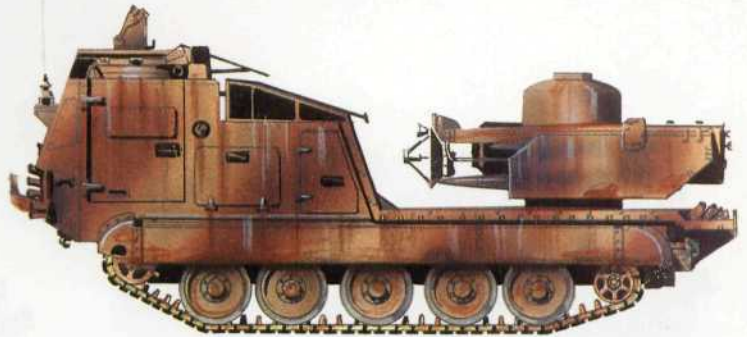
B4: TH-301, *Leicht* Company, 11th *Aufklarungs* (Reconnaissance) Battalion, 1 PzGrD, Austria; 2000.



C1: M60A3 with explosive applique armor, Turkish 3rd Armored Brigade, Bulgaria; 1997.



C2: Leopard III of the US 2nd Marine Division, Poland; 2000.



C3: Rapier SP, MEFF Brigade HQ, Bahrain; December 1999.



C4: Gepardoi 1st Flak Battalion, 1st Panzer Division, Italian Front; 1998.



D1: Wildcat of 24th Fallschirmjäger Brigade, Poland; 1997.



D2: Spartan APC from an unknown troop of the British 12th Armoured Brigade, 1st Armoured Division, Poland; 1999.



D3: W/ese/TOW, Support Company, 1/15th Light Mechanized Brigade, Litsa River Line, USSR; 1997.



D4: FV-102 Striker, Royal Scots Dragoon Guards, Germany; 1999.



E1: Marder 2 of 1/19th Panzergrenadier Brigade, 6th Panzergrenadier Division, Hamburg, Germany; 2000.



E2: FV-510 Warrior, Brigade Headquarters, 7th Armoured Brigade, 1st Armoured Division, Germany; 1997.



E3: FV-432 of B Company, 1/Royal Regiment of Fusiliers, 19th Infantry Brigade, Germany; January 2000.



E4: Grizzly, Recon Company, 1/22e Regiment, Germany; March 1998.



F1: FV-603 Saracen of the Ulster Defence Regiment, Northern Ireland; 1995.



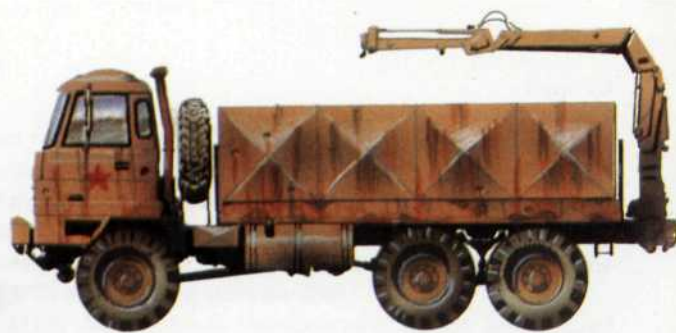
F2: FV-721 Fox, Headquarters Troop, 2/Royal Tank Regiment, 4th Armoured Division, Germany; 1999.



F3: *Luchs*, American 278th ACR, Germany; January 2000.



F4: Cougar of the Canadian detachment, United Nations Peace-keeping Forces, Ceylon; 1996.



G1: Foden 10-Ton Cargo Truck, unknown Soviet unit, Poland; December 1999.



G2: Landrover, unknown Tudeh unit, Iran; 2000.



G3: M151 Jeep, Brigade Headquarters, Turkish 3rd Armored Brigade, Thrace; August 1997.



G4: BV-206 of the Norwegian 5th Mountain Brigade, Litsa River Line, USSR; June, 1997.



G5: FV-107 Scimitar, Queen's Royal Irish Hussars, German Democratic Republic; December 1997.



G6: AT-105 Saxon, operating with unknown marauder band, vicinity of Berlin; July 2000.



H1: Leopard A9V, unit and location unknown; August 1999.



H2: FV-433 Abbot, 2nd Field Regiment, 2nd Armoured Division, Germany; July 2000.



H3: M109A3G of 1st Battery, 3rd Artillery Battalion, 3rd Panzer Division, Siege of Warsaw, Poland; September 1997.



H4: AIFV, unknown Dutch unit, Defense of the Rhine, the Netherlands; 1999.

COLOR PLATE NOTES

A1: Leopard II of FRG 10th Panzer Division, specific unit unknown; vicinity of Brest-Litovsk, USSR, July 1997.

The vehicle shows the standard, prewar, three-color camouflage system adopted by the Bundeswehr and used (officially, anyway) on all German vehicles throughout the war. This particular vehicle shows the Verdant summer scheme of forest green, with an overpainting of light green and tan.

A2: C1 (Leopard I), Brigade Headquarters, Canadian 4th Mechanised Brigade; Poland, June 2000.

The C1 depicted shows a nonstandard, green-and-tan shatter pattern, unknown in Canadian service and evidently applied at some time after the vehicle entered combat. The paint shows considerable weathering and is quite faded except for the bright red maple leaf insignia. The latter was evidently refreshed shortly before the photo was taken.

A3: Challenger, A Troop, 1/Queen's Dragoon Guards, 7th Armoured Brigade, 1st Armoured Division; Poland, 1998.

This vehicle illustrates a somewhat atypical British camouflage scheme: green drab overall, with no additional colors applied. This may be a factory paint job or may indicate a vehicle pulled back into service after a major "vacation" at a repair depot.

The meaning of the legend "The Boss" whitewashed on the left fender (and repeated on the right, as shown in other views of this vehicle) is not known with certainty. It may indicate a crewmember, or may refer to an American popular musician, Bruce Springsteen, who was nicknamed "The Boss."

A4: MOWAG SW-1 Roland APC, 11th Panzer Aufklarungs Battalion, II German Corps; location unknown, December 1998.

The reference photograph for this plate is unlabeled except for the notation "L. M. Dec. '98." The vehicle depicted is a MOWAG Roland APC with Bundeswehr markings, and we may determine the unit from this data alone since only one received SW-1s during that period.

B1: Chieftain, Brigade Headquarters, 2nd Armored Brigade, IPA 3rd Armored Division; Kazerun, Iran, July 2000.

British aid to the Iran Nowin took the form of military equipment and monetary aid, as well as troops to serve as training cadres for the Iranian Peoples' Army. The Chieftain tank

illustrated here shows a color scheme typical of the bulk of vehicles in Iranian service: sand overall, with large red-brown patches. The stores racks on this vehicle show the typical hodgepodge collection of personal gear and survival necessities. The two odd burn marks on the front and rear left fender may represent nonpenetrating hits from a small-caliber incendiary or smoke weapon.

B2: Vickers Mk 7, A Company, 2/5th Armored Brigade, IPA 3rd Armored Division; Kazerun, Iran, July 2000.

This Vickers Mk 7 still sports its desert sand factory colors. It shows two kill marks (white, hand-painted silhouettes) on the gun tube and several autocannon hits on the turret and fenders.

B3: Scorpion, Recon Company, 11th Mechanized Infantry Brigade, IPA 12th Infantry Division; Jahrom, Iran, June 2000.

Sporting a typical Iranian camouflage scheme, this vehicle also shows a field-improvised stores rack which contains the usual array of supplies and possessions.

B4: TH-301, Leicht Company, 11th Aufklarungs (reconnaissance) Battalion, 1 PzGrD; Austria, 2000.

TH-301s were late in entering German service, and not all *Aufklarungs* battalions had received them by the crossing of the Polish border in 1996. This vehicle shows an atypical, monochrome-green color scheme with a small Bundeswehr cross and has seen some action, as the small arms damage to its fenders demonstrates.

C1: M60A3 with explosive applique armor, Turkish 3rd Armored Brigade; Bulgaria, 1997.

Turkish participation in the war is not as well documented as the vehicle enthusiast would prefer, and the only surviving pictorial evidence of armored units in action comes from news footage shot for Turkish television by a crew attached to the 3rd Armored Brigade during 1996 and 1997. The vehicle illustrated here is an M60A3 TTS with reactive armor blocks.

C2: Leopard III of the US 2nd Marine Division; Poland, 2000.

The acquisitive habits of US Marines are well known from previous wars, and this vehicle was evidently "found on post" and used to replace battle losses.

As is typical for such "adoptions," little has been done to the original paint job except to change the national markings. The kill rings on the barrel and their odd notation are worthy of some discussion, however. It was the custom in the Bundeswehr to record a gun tube's kills by painting white rings (called "kill rings") around it, one per vehicle destroyed. The "OURS," "THEIRS" inscription is a matter for speculation. Since it is in English, it was obviously added by the American crew and may indicate that the forward rings were done by the previous crew, while the ring near the midpoint represents the accomplishments of the present one. An alternative possibility is that "THEIRS" indicates enemy vehicles destroyed, while "OURS" indicates a friendly vehicle destroyed by accident.

C3: Rapier SP, MEFF Brigade HQ; Bahrain, December 1999.

This vehicle shows the standard British desert camouflage pattern: a base coat of sand oversprayed with irregular brown areas calculated to break up the vehicle's distinctive contours. Not surprisingly for a vehicle assigned to a rear area anti-aircraft unit, this vehicle shows only a little wear and no battle damage.

C4: Gepard of 1st Flak Battalion, 1st Panzer Division; Italian Front, 1998.

Gepards, as forward-area SPAA vehicles, usually received the standard Bundeswehr three-color camouflage, but this vehicle remains in its factory-green base paint.

D1: Wildcat of 24th Fallschirmjäger Brigade; Poland, 1997.

This vehicle also sports a nonstandard, monochrome scheme, showing the Bundeswehr cross as its only marking. The slightly odd look to the shade of green indicates that the color was probably an improvisation from civilian paint stocks, although the clean, sharp edges of the cross indicate that it was applied with stencils.

D2: Spartan APC from an unknown troop of the British 12th Armoured Brigade, 1st Armoured Division; Poland, 1999.

This Spartan shows a faded monochrome scheme often seen on late-war British vehicles, especially those of the 1st Armoured Division.

D3: W/ese/TOW, Support Company, 1/15th Light Mechanized Brigade; Litva River Line, USSR, 1997.

This vehicle sports a fresh coating of Nor-

wegian forest green, indicating it is fresh from a depot and has seen little action.

D4: FV-102 Striker, Royal Scots Dragoon Guards; Germany, 1999.

This Striker antiarmor vehicle shows a dark green/light green British paint scheme usually applied as summer camouflage. The name "Killer," applied to the side of the vehicle, refers to "Killer from Kilkeny," a popular song by the nanopunk band Straight Razorheads.

E1: Marder 2 of 1/19th Panzergrenadier Brigade, 6th Panzergrenadier Division; Hamburg, Germany; 2000.

This plate illustrates another variation on the basic Bundeswehr three-color camouflage pattern. The vehicle is otherwise standard.

E2: FV-510 Warrior, Brigade Headquarters, 7th Armored Brigade, 1st Armored Division; Germany, 1997.

Headquarters vehicles were usually kept in relatively good condition, and this Warrior is no exception. This vehicle shows a typical summer two-color scheme of forest green and dark green.

E3: FV-432 of B Company, 1/Royal Regiment of Fusiliers, 19th Infantry Brigade; Germany, January 2000.

This vehicle represents another version of the typical British two-tone camouflage pattern.

E4: Grizzly, Recon Company, 1/22e Regiment; Germany, March 1998.

The source for this plate is authentic, and the unit, date, and location are known with certainty. However, the reason for the peculiar (for a Canadian unit) tan/brown camouflage scheme is a complete mystery. Ordinarily, this would indicate a pattern intended for desert service, but the vehicle is from a unit assigned to Europe.

F1: FV-603 Saracen of the Ulster Defence Regiment; Northern Ireland, 1995.

This Saracen shows a two-color scheme in a manner atypical for vehicles intended for urban service, indicating that it may have been transferred here from a unit originally intended for service elsewhere than Northern Ireland.

F2: FV-721 Fox, Headquarters Troop, 2/Royal Tank Regiment, 4th Armoured Division; Germany, 1999.

This Fox armored car from the 2nd/RTR shows a nonstandard, dark-green monochrome paint job. The camouflage net is an experimental variety designed to disguise thermal signatures (and thus fool infrared sighting apparatus) in addition to altering both visual and ultraviolet light patterns.

F3: Luchs, American 278th ACR; Germany, January 2000.

This Luchs AC has been taken over by an American crew, leaving the basic Bundeswehr three-color camouflage pattern intact. The inscription "MOX NIX" is a phrase common in

GI slang (a corruption of the German *Machts Nichts*) and can be loosely translated as "so what?" A large quantity of personal baggage can be seen on the rear deck of the vehicle. It blocks the rear driver's hatch, indicating that the rear driver's position is probably unoccupied and that the vehicle is operating with less than a full crew.

F4: Cougar of the Canadian detachment, United Nations Peacekeeping Forces; Ceylon, 1996.

Canadian forces were sent to Ceylon in 1995 following the Tamil Insurrection of 1994 as part of a United Nations peacekeeping force. Four companies of Canadian armored infantry joined troops from Greece, Finland, Australia, Sweden, and Italy on that island in enforcing the shaky truce decreed by a United Nations resolution of February 1993.

G1: Foden 10-ton cargo truck, unknown Soviet unit; Poland, December 1999.

Vehicle replacements were beginning to become scarce in some portions of the front by late 1999, and military units often had to use whatever was available, including captured enemy vehicles. This British truck has been acquired by a Soviet unit (which has also chosen to continue to use the British Army cargo container), but it has been given a coat of light brown paint and a hand-painted red star, denoting its new masters.

G2: Land Rover, unknown Tudeh unit; Iran, 2000.

The vehicle shows considerable small arms damage—some of it recent, some quite old. An improvised stores rack has been added and is filled with the personal possessions of the passengers, as well as the necessities of life (fuel, water, food, and spare tires). It is not possible to tell the exact color of the vehicle, which may have been sand or light brown; the action of sun and wind has changed its original color considerably.

G3: M151 jeep, Brigade Headquarters, Turkish 3rd Armored Brigade; Thrace, August 1997.

This plate is taken from the same news footage as the tank in plate C1 and shows a headquarters vehicle. The factory olive green is unmodified except for a small white national marking (the Turkish star and crescent) on the front fender.

G4: BV-206 of the Norwegian 5th Mountain Brigade; Litsa River line, USSR, June 1997.

This vehicle shows a Norwegian forest camouflage scheme consisting of bands of dark green and white which is intended to break up the contours of the vehicle and render it less detectable.

G5: FV-107 Scimitar, Queen's Royal Irish

Hussars; German Democratic Republic, December 1997.

This Scimitar shows a desert camouflage pattern of red-brown oversand, although why this should appear on a unit assigned to Europe is unclear. Perhaps the RIH was originally slated to go to the Middle East as part of the British MEFF, but circumstances forced a change in plans before the vehicle could be repainted?

G6: AT-105 Saxon, operating with unknown marauder band; vicinity of Berlin, July 2000.

This plate is taken from photographs of unknown origin and shows a Saxon in service with a group of multinational marauders in July 2000. The vehicle has been in combat on several occasions and shows battle damage in several locations.

H1: Leopard AEV, unit unknown; location unknown, August 1999.

Bundeswehr unit identification is primarily on the front and rear of the vehicle, and when the only photo reference available is from the side, identification can be difficult. Couple this with the fact that engineering vehicles are seldom photographed by newscasters, and you are left with very few references for them. All that is known about the Leopard AEV is that the photo this rendering was taken from was snapped in August 1999, and the vehicle was probably in eastern Germany or western Poland at the time. The camouflage scheme is standard, and the vehicle is unremarkable in any way.

H2: FV-433 Abbot, 2nd Field Regiment, 2nd Armoured Division; Germany, July 2000.

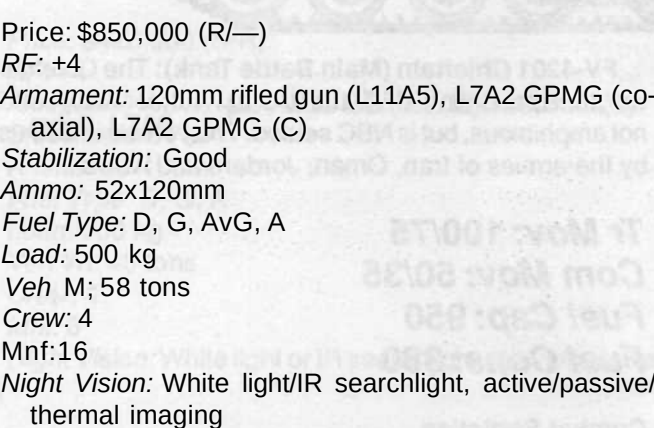
This vehicle seems to show a base coat of British loam green, overpainted with black or very dark green. Whether this represents a field expedient pattern, an undocumented experiment in camouflage, or an exercise in creative photographic development by a British darkroom staff is unknown. Unfortunately, no photographs or other records of vehicles from the 2nd Field Regiment are extant.

H3: M109A3G of 1st Battery, 3rd Artillery Battalion, 3rd Panzer Division, siege of Warsaw; Poland, September 1997.

This is an older model M109 which has evidently been brought out of mothballs to replace combat losses. Why a German vehicle should have graffiti in English is a mystery, but we may reasonably suppose that an American soldier is responsible.

H4: AIFV, unknown Dutch unit, defense of the Rhine; The Netherlands, 1999.

This vehicle is shown in a factory color scheme, but it has seen heavy fighting recently as the extensive small arms hits along the side armor amply demonstrate. A small Dutch flag has been crudely applied to the turret, presumably by the crew.



RF: +4

Stabilization: Good

Ammo: 52x120mm

Fuel Type: D, G, AvG, A

Load: 500 kg

Veh M: 58 tons

Crew: 4

Mnf:16

Night Vision: White light/IR searchlight, active/passive/
thermal imaging

Crewmembers: Commander ☐ Driver ☐ Gunner ☐ Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision ☐

equipment ☐

Radio: ☐120mm Rifled Gun: ☐

L7A2 GPMG (Coaxial): ☐

L7A2 GPMG (C): ☐

Traverse: ☐

Engine: ☐

[illegible]

Suspension: Minor damage ☐ Immobilized ☐

Type	Round	Rng	Damage	Pen
120mm	APFSDS	600	28	110/100/90/70
Rid: 1	APFSDSDU	600	28	150/140/130/110
	HESH	450	C:14, B:20	100C

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
L7A2GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

FV-4030/4 Challenger (Main Battle Tank): This British tank entered service in the 1980s. It is an improved version of the earlier Chieftain main battle tank, the principal differences being a more powerful engine and the addition of composite armor. There is a driver's hatch on the middle front deck, and gunner and commander's hatches on the turret deck. A weapons mount is located by the commander's hatch.

Tr Mov: 110/85

Com Mov: 25/20

Fuel Cap: 1250

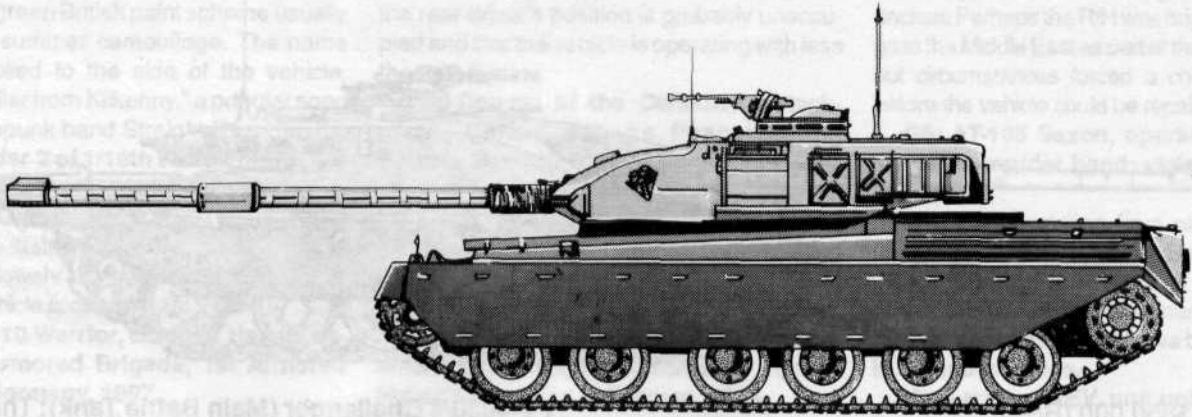
Fuel Cons: 500

<i>Config:</i> Trt	TF: 100-Cp	HF: 300-Cp
<i>Susp:</i> T: 6	TS: 40	HS: 24
	TR: 16	HR: 20

Use MG ammo records provided on page 5.

A grid of squares arranged in 5 rows and 10 columns. The first four rows are full, each containing 10 squares. The fifth row contains only 2 squares in the first two columns.

FV-4201 Chieftain



Price: \$600,000 (R/R)

RF:+A

Armament: 120mm rifled gun, L7A2 GPMG (coaxial), L7A2 GPMG (C)

Ammo: 64x120mm

Fuel Type: D, G, A

Load: 400 kg

Veh Wt: 54 tons

Crew: 4

Mnt: 8

Night Vision: Headlights, passive/thermal IR

FV-4201 Chieftain (Main Battle Tank): The Chieftain is the principal British MBT and is of conventional layout. It is not amphibious, but is NBC sealed. The vehicle is also used by the armies of Iran, Oman, Jordan, and Kuwait.

Tr Mov: 100/75

Com Mov: 50/35

Fuel Cap: 950

Fuel Cons: 380

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

120mm Rifled Gun: ☐

L7A2 GPMG (Coaxial): ☐

L7A2 GPMG (C): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Combat Statistics

Config: Trt TF: 80-Cp HF: 120-CP

Susp: T: 6 TS: 25 HS: 12-SP

TR: 12 HR:12

AMMUNITION

Use MG ammo records provided on page 5.

120mm Rifled Gun (64 rounds)

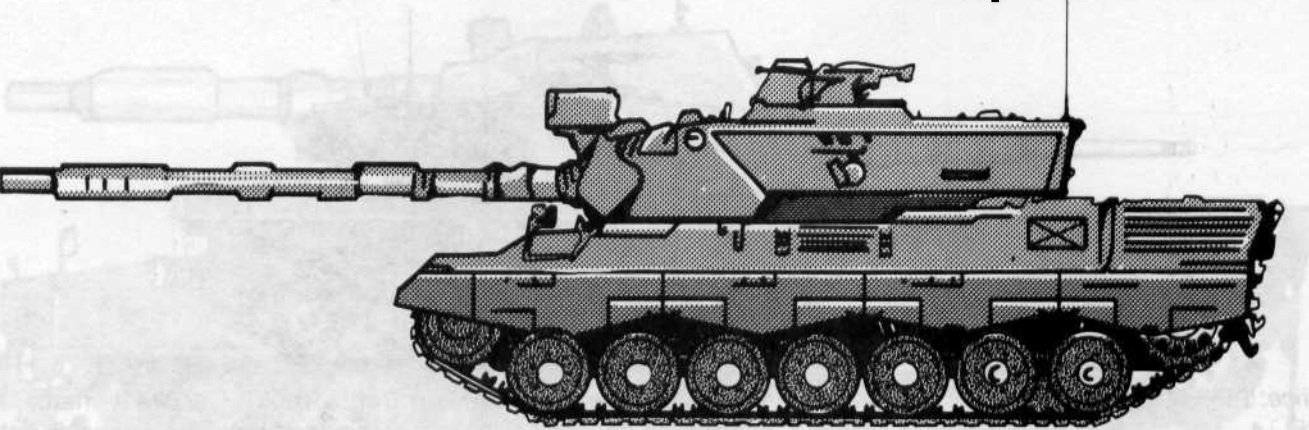
☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐

WEAPON DATA

Type	Round	Rng	Damage	Pen
120mm	APFSDS	600	28	110/100/90/70
Rid: 1	APFSDSDU	600	28	150/140/130/110
	HESH	450	C:14, B:20	100C

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
L7A2GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125



Price: \$420,000 (S/R)

RF: +4

Armament: 105mm gun, MG3 MG (coaxial), MG3 MG (C)

Stabilization: Fair

Ammo: 60x105mm

Fuel Type: D, G, A

Load: 700 kg

Veh Wt: 40 tons

Crew: 4

Mnt: 8

Night Vision: White light or IR searchlight, active/passive

IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐ Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision

equipment ☐

Radio: ☐

105mm Gun: ☐

MG3 MG (Coaxial): ☐

MG3 MG (C): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed):

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

type	Round	Rng	Damage	Pen
105mm	APFSDS	500	26	80/70/60/40
Rld:1	APFSDSDU	500	26	100/90/80/60
	HEAT	400	C:6, B:12	80C
	WP	400	C:3, B:20	Nil

—Recoil—

<i>Weapon</i>	ROF	Dam	<i>Pen</i>	<i>Blk</i>	<i>Mag</i>	SS	<i>Brst</i>	<i>Rng</i>
MG3	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

Leopard I (Main Battle Tank): The first German post-war tank was the Leopard I. It has been extensively modernized, particularly in the areas of fire control and armor protection. Although supplanted in front-line German service by the Leopard II, it remains in use by territorial units as well as by the Belgian, Dutch, and Canadian armies. There is a driver's hatch on the middle front deck, and a loader's hatch and commander's hatch on the turret deck. A weapons mount is located by the commander's hatch.

Tr Mov: 130/80

Com Mov: 30/20

Fuel Cap: 800

Fuel Cons: 200

Combat Statistics

Config: Trt TF: 40-Sp HF: 26

Susp: T: 6 TS:12-Sp HS: 7

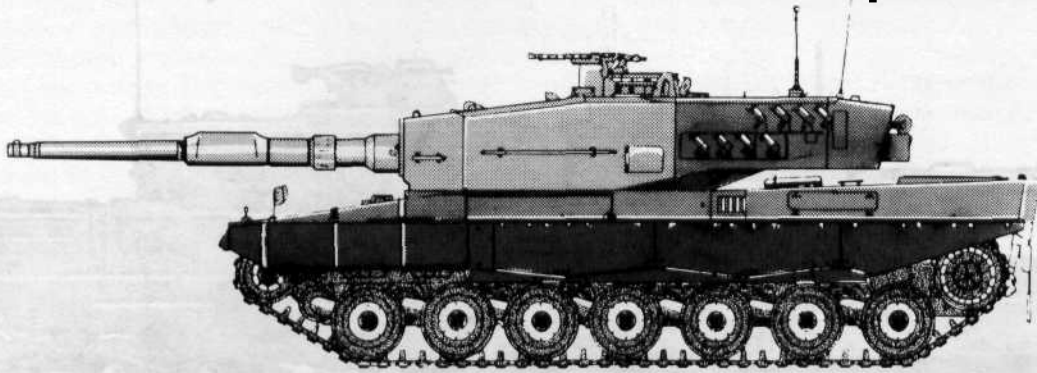
TR:12-Sp HR:5

AMMUNITION

Use MG ammo records provided on page 5.

105mm Gun (60 rounds)

Leopard II



Price: \$650,000 (S/R)

RF: +4

Armament: 120mm gun, MG3 MG (coaxial), MG3 MG (C)

Stabilization: Good

Ammo: 42x120mm

Fuel Type: G, D, A

Load: 700 kg

Veh Wt: 55

Crew: 4

Mnt: 14

Night Mis/on: White light or IR searchlight, active/passive
IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐ Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision
equipment ☐

Radio: ☐

120mm Gun: ☐

MG3 MG (Coaxial): ☐

MG3 MG (C): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Type	Round	Rng	Damage	Pen
120mm	APFSDS	500	28	110/100/90/70
Rid: 1	APFSDSDU	500	28	150/140/130/110
	HEAT	400	C:10, B:20	110C
	WP	400	C:3, B:36	Nil

Leopard II (Main Battle Tank): Despite its name, the Leopard II actually represents an entirely new design rather than an upgrade of the Leopard I. Protection has been enhanced by the use of a form of compound armor, and the Leopard II was the first Western tank to mount the 120mm smoothbore gun which has since become nearly universal. There is a driver's hatch on the middle front deck, and a loader's hatch and commander's hatch on the turret deck. A weapons mount is located by the commander's hatch.

Tr Mov: 140/110

Com Mov: 35/25

Fuel Cap: 1900

Fuel Cons: 550

Combat Statistics

Config: Trt TF: 100-Cp HF: 200-Cp

Susp: T: 6 TS: 24 HS: 24

TR: 20 HR: 10

AMMUNITION

Use MG ammo records provided on page 5.

120mm Gun (42 rounds)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐

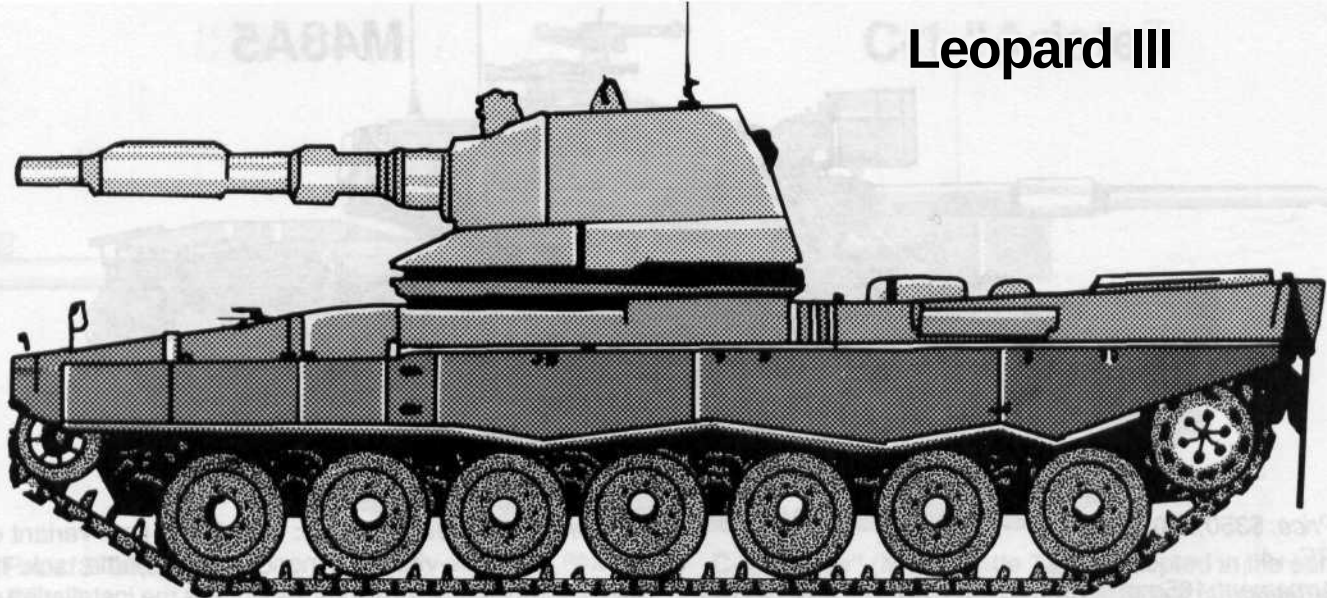
WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MG3	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

The 120mm gun of the Leopard II is the same gun used on the American M1A1 and M1A2 Abrams AFVs.

Leopard III



Price:\$700,000 (R/—)

RF: +4

Armament: 120mm gun, MG3 MG (coaxial), MG3 MG (C)

Ammo: 38x120mm

FuelType: D, G, A

Load: 500 kg

Veh Wt: 53 tons

Crew: 3

Mnt: 8

Night Vision: White light or IR searchlight, active/passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

120mm Gun: ☐

MG3MG(C): ☐

MG3MG(Coaxial): ☐

Loader: ☐

Traverse: ☐

Engine: ☐

Fuel ☐ Consumed ☐ Destroyed ☐

Suspension: Minor damage ☐ Immobilized ☐

Leopard III (Main Battle Tank): Faced with a need for a new and better MBT, the Bundeswehr chose the less expensive of several options and refitted the Leopard II with an automated gun system similar to that mounted on the American M1A2. The Leopard III entered service in 1993, but by the outbreak of the war it had not yet completely replaced the Leopard II.

Tr Mov: 140/110

Com Mov: 35/25

Fuel Cap: 1900

Fuel Cons: 600

Combat Statistics

Config: CVH TF: 120-Cp HF: 200-Cp

Susp: T: 6 TS: 40 HS: 24

TR: 20 HR:10

AMMUNITION

Use MG ammo records provided on page 5.

120mm Gun (38 rounds)

●●●●●●●●●●

nnnDDnnonnn

□□□□□□□□

□□□□□□□□

WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MG3	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

WEAPON DATA

Type	Round	Rng	Damage	Pen
120mm	APFSDS	500	28	110/100/90/70
Rld: 1	APFSDSDU	500	28	150/140/130/110
	HEAT	400	C:10, B:20	110C
	WP	400	C:3, B:36	Nil

RF:+4

Stabilization: Good

Fuel Type: D, A

Veh Wt: 50 tons

Crew: 4

Mnt: 12

Night Vision: White light searchlight, image intensifier

Crewmembers: Commander ☐ Driver ☐ Gunner ☐
Loader ☐

Radio: ☐

120mm C

MAG MG (Coax)

MAG MG (C): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed):

Suspension: Minor damage ☐ Immobilized ☐

—Recott—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

C-1 "Ariete" (Main Battle Tank): Adopted in the early 1990s, the C-1 became the principal combat tank in Italian service, replacing the M60 and older tanks of US manufacture. There is a driver's hatch on the middle front deck, and a loader's hatch and commander's hatch on the turret deck. A weapons mount is located by the commander's hatch.

Com Mov: 30/20

Fuel Cons: 500

<i>Config:</i> Trt	TF: 80-Cp	HF: 100-Cp
<i>Susp:</i> T: 6	TS: 20	HS: 20
	TR: 10	HR:10

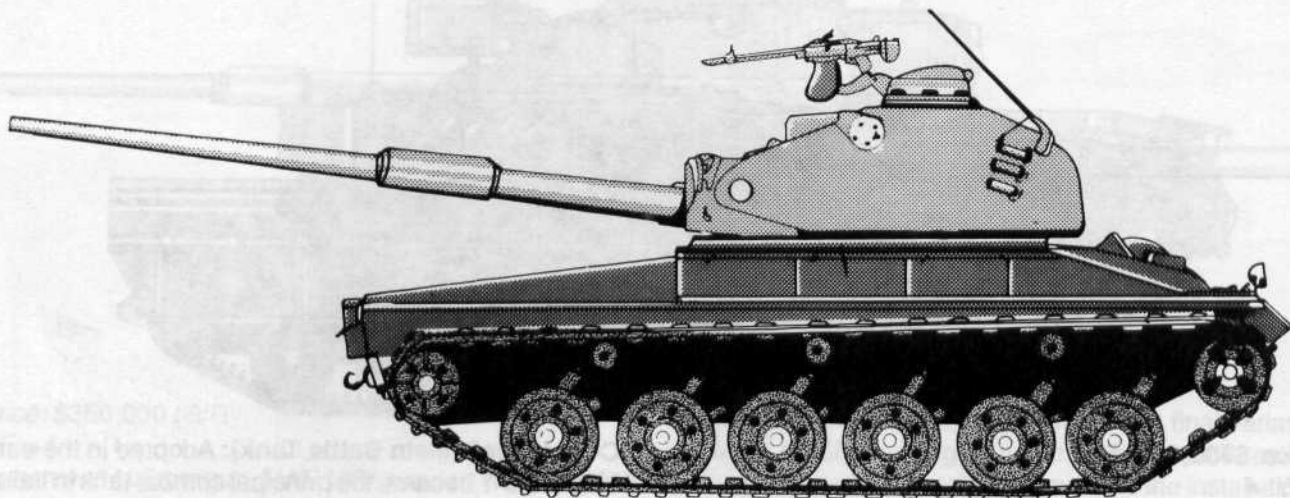
Use MG ammo records provided on page 5.

[illegible]

	<i>Rng</i>	<i>Damage</i>	<i>Pen</i>
U	500	28	110/100/90/70
	500	28	150/140/130/110
	400	C:10, B:20	110C
	400	C:3, B:36	Nil

Type	Round	Rng	Damage	Pen
120mm	APFSDS	500	28	110/100/90/70
Rid: 1	APFSDSDU	500	28	150/140/130/110
	HEAT	400	C:10, B:20	110C
	WP	400	C:3, B:36	Nil

Pz-68



Price:\$500,000 (R/—)

RF: +4

Armament: 105mm gun, AAT-52 MG (coaxial), AAT-52 MG(C)

Stabilization: Fair

Ammo: 62x105mm

Fuel Type: D, A

Load: 400 kg

VehWt: 39.7 tons

Crew: 4

Mnt: 6

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐
Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

105mm Gun: ☐

AAT-52 MG (Coaxial): ☐

AAT-52 MG (C): ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
AAT-52 MG	10	4	2-3-Nil	5	50B	1	7	65
bipod	10	4	2-3-Nil	5	50B	1	4	90
tripod	10	4	2-3-Nil	5	50B	1	2	125

Pz-68 (Main Battle Tank): The Pz-68 is a Swiss MBT produced in limited numbers for export in the mid- and late-1990s. It is of conventional layout and is NBC sealed, but is not amphibious.

TrMov: 110/88
Com Mov: 55/40
Fuel Cap: 710
Fuel Cons: 180

Combat Statistics

Config: Trt	TF: 24	HF: 26
Susp: T: 6	TS: 5	HS: 7
	TR: 5	HR: 5

AMMUNITION

Use MG ammo records provided on page 5.

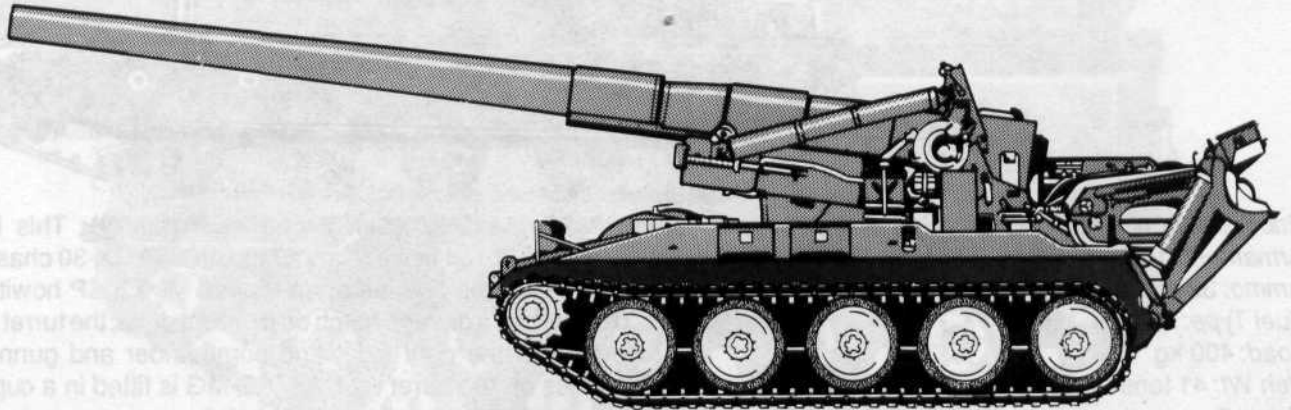
105mm Gun (62 rounds)

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
☐ ☐

WEAPON DATA

Type	Round	Rng	Damage	Pen
105mm	APFSDS	500	26	80/70/60/40
Rid: 1	APFSDSDU	500	26	100/90/80/60
	HEAT	400	C:6, B:12	80C
	WP	400	C:3, B:20	Nil

M107 SPA



Price: \$375,000 (R/—)
 Armament: 175mm howitzer
 Ammo: 3x175mm, including propellant charges
 Fuel Type: D, A
 Load: 800 kg
 Veh Wt: 30 tons
 Crew: 6
 Mnt: 10
 Night Vision: Headlights

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner 1 ☐
 Gunner 2 ☐ Loader 1 ☐ Loader 2 ☐
 Sight/Vision: Night vision equipment ☐
 Radio: ☐
 175mm Howitzer: ☐
 Traverse: ☐
 Engine: ☐
 Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐
 Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Type	Round	Rng	Damage	Pen
175mm	HE	400	C:34, B:40	3C
IFR: 24 km	HEAT	400	C:24, B:30	110C
Rid: 2	WP	400	C:4, B:44	Nil
	CHEM	400	C:4, B:30	Nil
	ILLUM	—	B:2000	Nil

M107 SPA (Self-Propelled Artillery): The M107 is an earlier variation on the M110, using a 175mm howitzer. It is no longer in service with the US Army, but it remains in the arsenals of many other armies. Like the M110, the gun system is mounted externally on the chassis, and (unlike the M109) there is no protection for the gun crew (except for the driver, who rides inside) or for the ammunition. To remedy this (at least for the crew), a kit consisting of a tubular metal framework and Kevlar shields was issued, but most crews found these kits too cumbersome to erect. They were usually discarded or left with the supply units. The turret armor rating is with these shields in place; without them, the armor is 0. No provision is made for a weapons mount.

Tr Mov: 95/50
Com Mov: 30/20
Fuel Cap: 700
Fuel Cons: 180

Combat Statistics

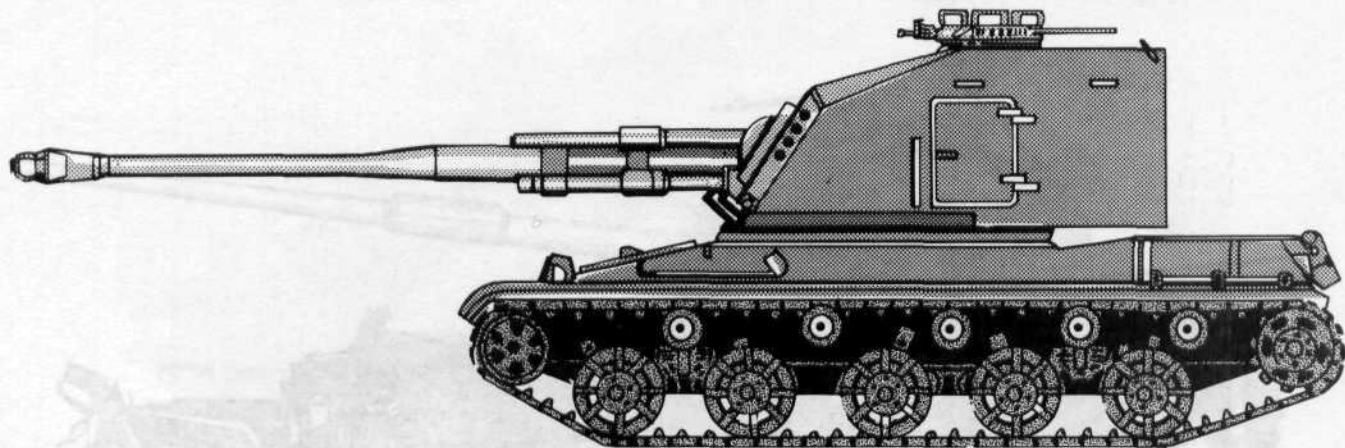
Config: Trt	TF: 1	HF: 8
Susp:T: 4	TS: 1	HS: 3
	TR:1	HR:3

AMMUNITION

175mm Rounds & Propellant Charges (3)

☐☐☐

AMX 155 GCT



Price: \$220,000 (S/R)

Armament: 155mm howitzer, MAG MG (C)

Ammo: 32x155mm howitzer

Fuel Type: D, A

Load: 400 kg

Veh IM:41 tons

Crew: 4

Mnt: 6

Night Vision: Headlights

AMX 155 GCT (Self-Propelled Artillery): This is a French-built 155 howitzer mounted on an AMX-30 chassis, intended to replace the open-topped Mk F3 SP howitzer. The hull has a driver's hatch on the front deck; the turret has a door on the right side, and commander and gunner's hatches on the turret roof. A MAG MG is fitted in a cupola mount (C) at the commander's hatch.

Tr Mov: 100/75

Com Mov: 50/40

Fuel Cap: 800

Fuel Cons: 200

Combat Statistics

Config: Trt	TF: 3	HF: 16
Susp: T. 6	TS: 3	HS:12
	TR: 3	HR:6

AMMUNITION

Use MG ammo records provided on page 5.

WEAPON DATA

Type	Round	Rng	Damage	Pen
155mm	HE	350	C:30, B:36	3C
	IFR:2km HEAT	350	C:20, B:28	110C
Rld: 2	WP	350	C:3, B:44	Nil
	CHEM	350	C:3, B:28	Nil
	ICMDP	—	B:60	Grenade
	ILLUM	—	B:2000	Nil
	FASCAM	—	B:124	Mine

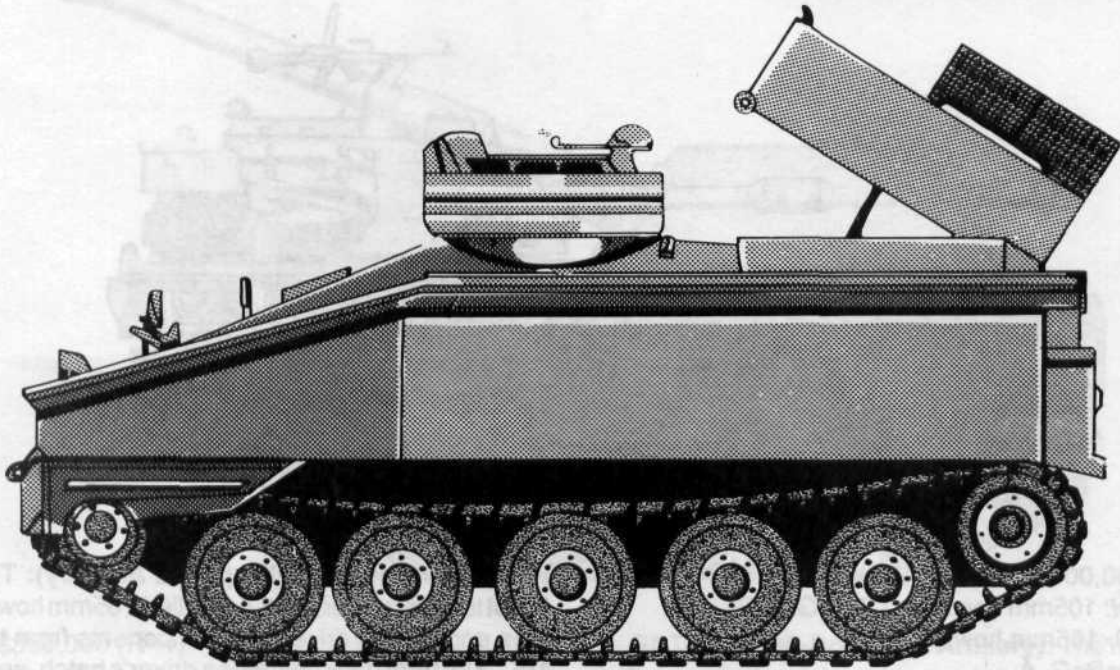
—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MAG MG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

155mm Howitzer (32 rounds and charges)

□□□□ □□□□
□□□□ □□□□
□□□□ □□□□
□□

FV-102 Striker



Price: \$80,000 (S/R)

Armament: Twin Swingfire ATGM launchers, L7A2 GPMG

Ammo: 14 Swingfire ATGMs

Fuel Type: G, A

Load: 200 kg

Veh Wt: 7 tons

Crew: 3

Mnt: 8

Night Vision: Headlights

FV-102 Striker (Self-Propelled Artillery): The FV-102 Striker is an older antiarmor vehicle based on the Spartan chassis, incorporating a Swingfire ATGM launcher in place of the passenger compartment.

Tr Mov: 170/120

Com Mov: 85/55

Fuel Cap: 390

Fuel Cons: 156

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

Swingfire ATGM Launcher (L): ☐

Swingfire ATGM Launcher (R): ☐

L7A2 GPMG: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Combat Statistics

Config: Std HF: 6

Susp: T: 2 HS: 3

HR: 3

AMMUNITION

Use MG ammo records provided on page 5.

Swingfire ATGM (14 missiles)

nnnnnnnnnnnn
nnnn

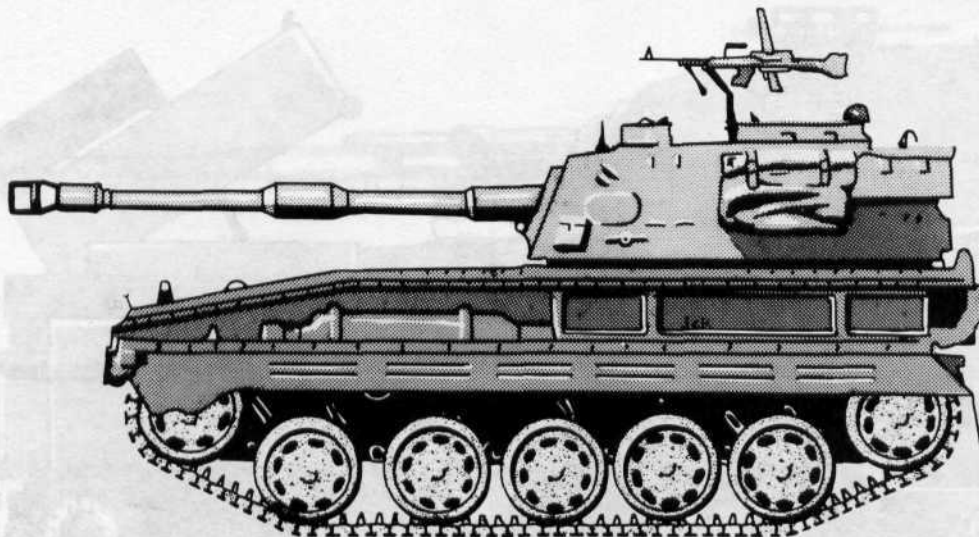
WEAPON DATA

Type	Rid	Rng	Damage	Pen
Swingfire	2	4000	C:12, B:12	100C

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

FV-433 Abbot



Price: \$500,000 (R/—)

Armament: 105mm howitzer, L7A2 GPMG

Ammo: 40x105mm howitzer

Fuel Type: D, G, A

Load: 400 kg

Veh M: 16 tons

Crew: 4

Mnt: 6

Night Vision: Headlights

FV-433 Abbot (Self-Propelled Artillery): The FV-433 Abbot is a British-built, self-propelled, 105mm howitzer which uses engine and drive train components from the FV-432 APC. The front deck contains a driver's hatch, and the turret contains hatches for the gunner and commander (the loader uses the gunner's hatch). The vehicle is not amphibious, but is NBC sealed.

Tr Mov: 95/20

Com Mov: 30/20

Fuel Cap: 390

Fuel Cons: 120

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐ Loader ☐

Sight/Vision: Night vision equipment ☐

Radio: ☐

105mm Howitzer: ☐

L7A2 GPMG: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Combat Statistics

Config: Trt TF: 2 HF: 3

Susp: T: 3 TS: 2 HS: 3

TR: 2 HR: 2

AMMUNITION

Use MG ammo records provided on page 5.

WEAPON DATA

Type	Round	Rng	Damage	Pen
105mm how	HE	300	C:6, B:8	4C
IFR: 17km	HESH	300	C:6, B:12	12C
Rid: 1	CHEM	300	C:3, B:20	Nil

105mm Howitzer (40 rounds)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐

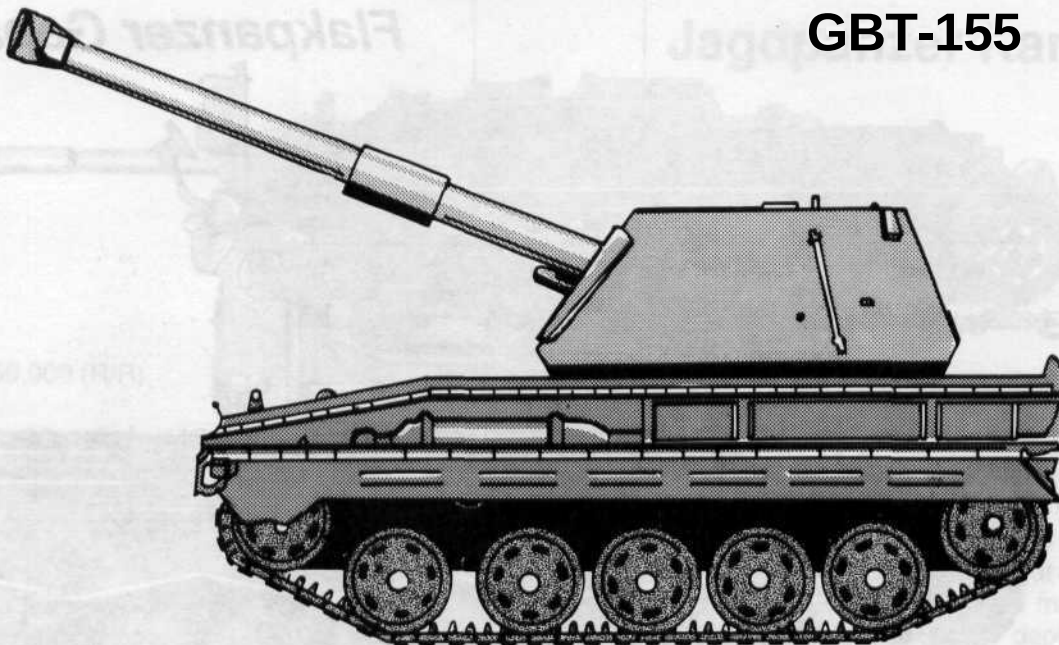
WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	.7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125

By a tradition dating back to WWII, British self-propelled guns tend to be given ecclesiastical names (Bishop, Priest, Sexton, etc.). The Abbot is no exception.

GBT-155



Price:\$350,000 (FV—)
 Armament: 155mm howitzer
 Ammo: 34x155mm
 Fuel Type: D, A
 Load: 800 kg
 Veh Wt: 26 tons
 Crew: 6
 Mnt: 6
 Night Vision: Headlights

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐
 Loader 1 ☐ Loader 2 ☐ Loader 3 ☐
 Sight/Vision: Night vision equipment ☐
 Radio: ☐
 155 mm Howitzer: ☐
 Traverse: ☐
 Engine: ☐
 Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐
 Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Type	Round	Rng	Damage	Pen
155mm	HE	350	C:30, B:36	3C
IFR:24km	HEAT	350	C:20, B:28	110C
Rid: 2	WP	350	C:3, B:44	Nil
	CHEM	350	C:3, B:28	Nil
	ICMDP	—	B:60	Grenade
	ILLUM	—	B:2000	Nil
	FASCAM	—	B:124	Mine

GBT-155 (Self-Propelled Artillery): The newest British self-propelled gun to enter service, the GBT-155 had not been distributed to all 155mm howitzer units when the war began, and some units never received it. The vehicle is a conventional, turreted, self-propelled gun. A weapons mount (NHT equivalent) is provided at the commander's hatch (C), but the machinegun intended for it is not always present.

Tr Mov: 110/65
 Com Mov: 35/25
 Fuel Cap: 450
 Fuel Cons: 150

Combat Statistics

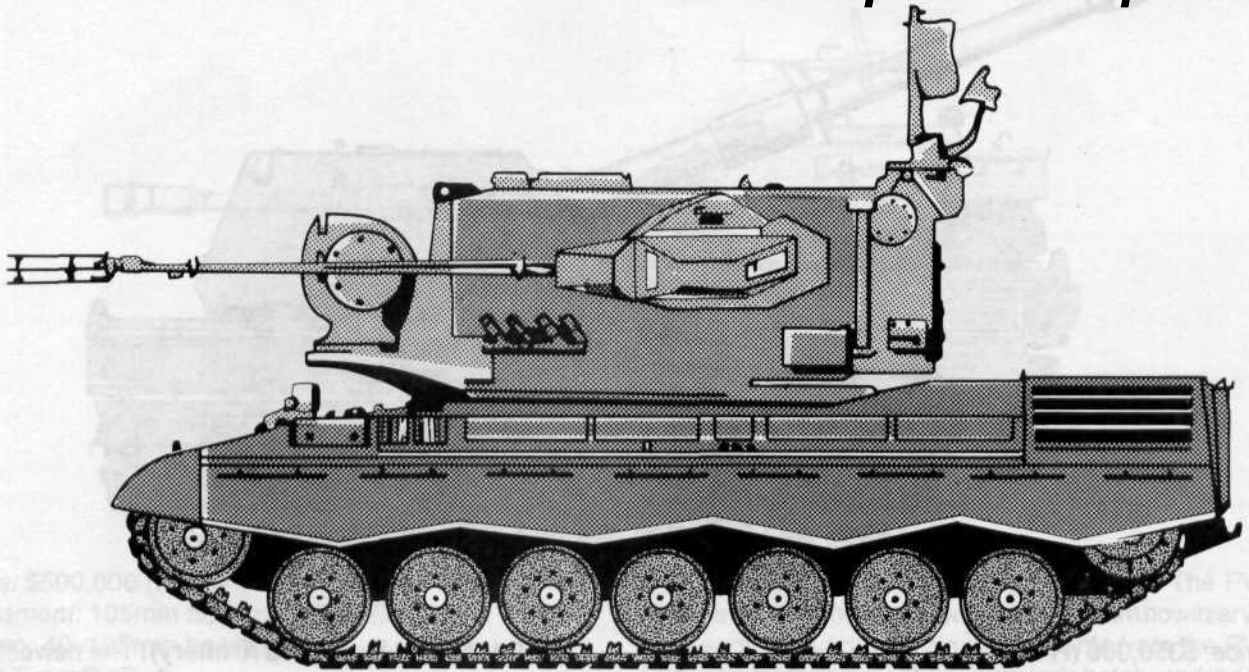
Config: Trt	TF:2	HF: 4
Susp: T: 6	TS:2	HS:3
	TR: 2	HR:3

AMMUNITION

155mm Howitzer (34 rounds)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐

FlakpanzerGepard



Price: \$850,000 (R/R)

RF: +4

Armament: 2x35mm AC, MG3 MG

Stabilization: Fair

Ammo: 240x35mm

Fuel Type: D, G, AvG, A

Load: 500 kg

Veh Wt: 56 tons

Crew: 4

Mnt: 8

Night Vision: Headlights

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐
Loader ☐

Sight/Vision: TA radar ☐ Night vision equipment ☐

Radio: ☐

35mm AC (L): ☐

35mm AC (R): ☐

MG3 MG: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—			Rng
						SS	Brst		
MG3	10	4	2-3-Nil	6	50B	1	7		65
bipod	10	4	2-3-Nil	6	50B	1	3		90
tripod	10	4	2-3-Nil	6	50B	1	1		125

Flakpanzer Gepard (Self-Propelled Artillery): The Flakpanzer (self-propelled anti-aircraft gun) Gepard is an armored, self-propelled anti-aircraft vehicle. The layout is conventional for an AFV, except for the turret. One 35mm anti-aircraft gun is mounted on each side of the turret. The gunner's hatch is on the front turret deck, and a large, target-acquisition radar dish is mounted on the rear turret deck, giving the vehicle a superficial resemblance to the Soviet ZSU-57-2.

Tr Mov: 115/50

Com Mov: 40/30

Fuel Cap: 2000

Fuel Cons: 500

Combat Statistics

Config: Trt	TF: 3	HF: 27
Susp: T: 6	TS: 3	HS: 7
	TR: 3	HR: 5

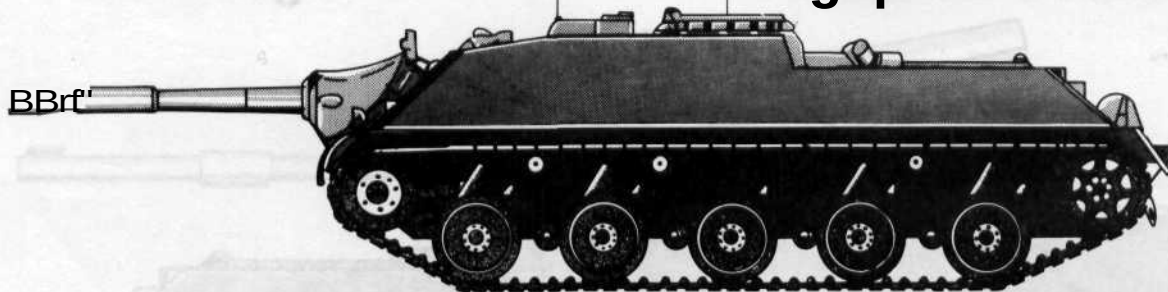
AMMUNITION

Use MG ammo records provided on page 5.

WEAPON DATA

Weapon	ROF	Mag	Rng	Ammo	Damage	Pen
35mm	5	33B	400	HE-I	C:1,B:2	-2C

Jagdpanzer Kanone



Price:\$850,000 (R/R)

RF: +4

Armament:90mm gun, MG3 MG (C)

Stabilization: Fair

Ammo: 36x90mm

Fuel Type: D, G, AvG, A

Load: 500 kg

Veh Wt: 56 tons

Crew: 4

Mnt: 6

Night Vision: Headlights, passive IR

Damage Record

Crewmembers:Commander ☐ Driver ☐ Gunner ☐ Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

90mm Gun: ☐

MG3 MG (C): ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Type	Round	Rng	Damage	Pen
90mm	APDS-T	350	24	30/25/20/15
Rid: 1	HEAT	350	C:5i, B:10	60C

—Recoil—

Weapon	ROF	iDam	Pen	Blk	Mag	SS	Brst	Rng
MG3	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

Jagdpanzer Kanone (Self-Propelled Artillery): The

German-built *Jagdpanzer Kanone* is a turretless antitank vehicle on a Leopard chassis. The 90mm gun is located in the forward casemate; the crew enter and exit through two hatches on the forward deck. Typical of vehicles of this configuration, the *Jagdpanzer Kanone* has a low silhouette and a limited arc of fire. This is not as great a disadvantage in a tank destroyer as it would be in a main battle tank, however, since the former is usually deployed to attack from prepared positions.

Tr Mov: 130/80

Com Mov: 30/20

Fuel Cap: 800

Fuel Cons: 200

Combat Statistics

Config: Std HF: 26

Susp: T: 6 HS: 7

HR:5

AMMUNITION

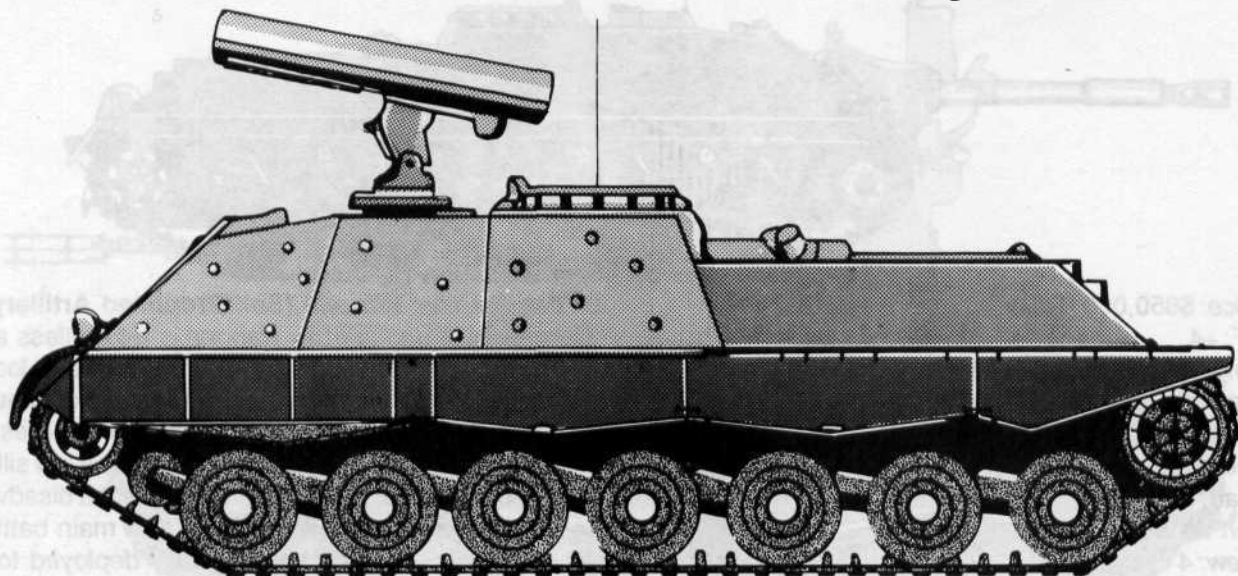
Use MG ammo records provided on page 5.

90mm Gun (36 rounds)

☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐
☐☐☐☐☐☐

The tank destroyer as a separate vehicle class was developed during WWII. Many nations built them, including the US and the USSR. The Jagdpanzer (tank hunter) is almost the last of the antitank vehicles to use a gun—antitank guided missiles such as the TOW or Milan are now the standard.

Jaguar 3



Price: \$850,000 (R/R)

Armament: Milan or TOW II ATGM, MG3 MG (C)

>*m/77o;12xATGM

Fuel Type: D, G, AvG, A

Load: 500 kg

Veh Wt: 56 tons

Crew: 3

Mnt: 8

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

ATGM Launcher: ☐

MG3 MG (C): ☐

Loader: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Type	Rid	Rng	Damage	Pen
TOW II	2	3500	C:12, B:12	160C
Milan II	3	2000	C:12,B:12	145C

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MG3	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

Jaguar 3 (Self-Propelled Artillery): The German-built Jaguar is another turretless antitank vehicle built on a Leopard chassis. The hull is conventional in layout except for the fighting compartment in the front of the hull, built to house the crew, and the sighting and reloading equipment for the ATGMs with which the vehicle is equipped (originally the Euromissile HOT, but now either Milan or TOW II). The vehicle's elevated firing mount enables it to take up hull-down positions while maintaining a 360° field of fire.

Tr Mov: 130/80

Com Mov: 30/20

Fuel Cap: 800

Fuel Cons: 200

Combat Statistics

Config: CIH HF: 26

Susp: T: 6 HS: 7

HR:5

AMMUNITION

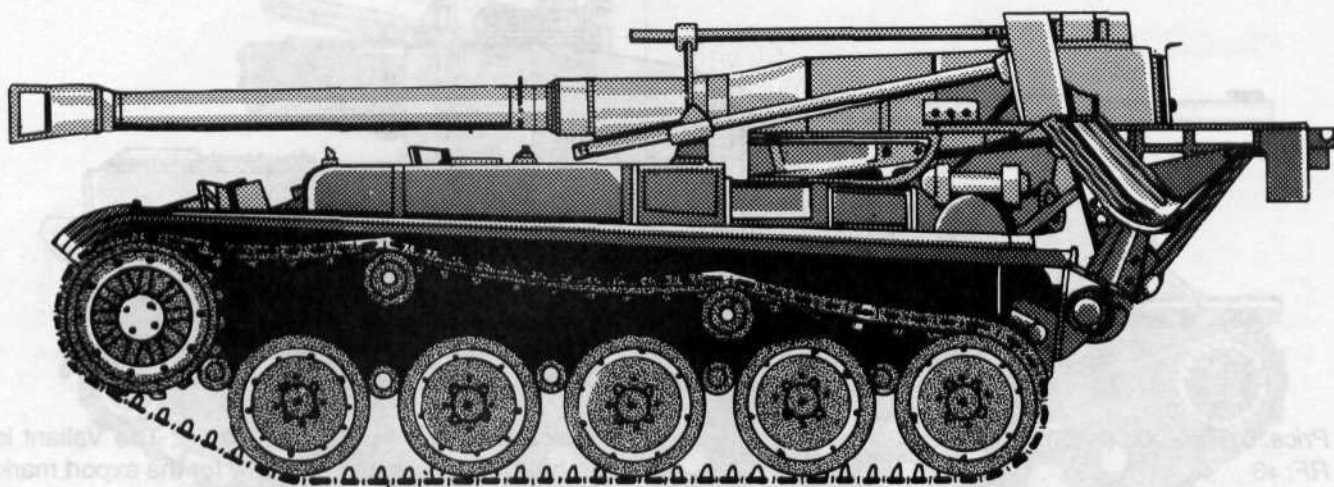
Use MG ammo records provided on page 5.

ATGM (12 missiles)

☐☐☐☐☐☐☐☐

☐☐

Mk F3



Price: \$550,000 (S/R)

Armament: 155mm howitzer, AAT-52 MG (C)

Ammo: 4x155mm howitzer and powder charges

Fuel Type: D, A

Load: 250 kg

Veh Wt: 17.4 tons

Crew: 2 (remainder ride in other vehicles)

Mnt: 6

Night Vision: Headlights, active IR

Damage Record

Crewmembers: Commander ☐ Driver ☐

Sight/Vision: Gun sight ☐ Night vision equipment ☐

Radio: ☐

155mm Howitzer: ☐

AAT-52 MG (C): ☐

Loader: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Mk F3 (Self-Propelled): The Mk F3 is an obsolescent, self-propelled, 155mm howitzer similar in overall appearance to the US M110. The howitzer is not protected by armor, and the only Crewmembers are the vehicle commander and driver (one hatch serves both); the rest of the gun crew ride in accompanying APCs. Provision is made for a weapons mount (NHT equivalent) at the vehicle's hatch. The vehicle is used by the armies of Argentina, Chile, Ecuador, Morocco, Peru, Qatar, the United Arab Emirates, and Venezuela.

Tr Mov: 100/60

Com Move 50/30

Fuel Cap: 750

Fuel Cons: 175

Combat Statistics

Config: Trt TF: 0 HF: 6

Susp: T: 6 TS: 0 HS: 4

TR: 0 HR: 4

AMMUNITION

Use MG ammo records provided on page 5.

155mm Howitzer (4 rounds and powder charges)

☐☐☐☐

WEAPON DATA

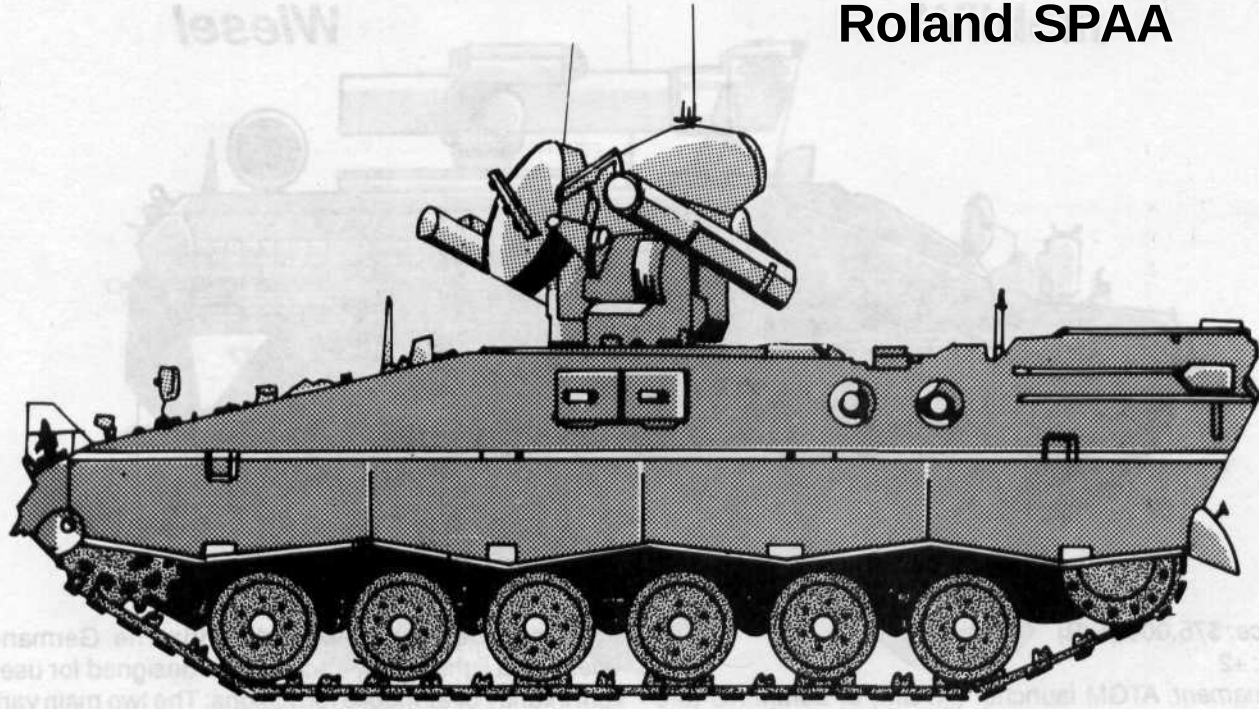
Type	Round	Rng	Damage	Pen
155mm How	HE	350	C:30, B:36	3C
IFR: 24 km	HEAT	350	C:20, B:28	110C
Rid: 2	WP	350	C:3, B:44	Nil
	CHEM	350	C:3, B:28	Nil
	ICMDP	—	B:60	Grenade
	ILLUM	—	B:2000	Nil
	FASCAN/1	—	B:124	Mine

WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
AAT-52 MG	10	4	2-3-Nil	5	50B	1	7	65
bipod	10	4	2-3-Nil	5	50B	1	4	90
tripod	10	4	2-3-Nil	5	50B	1	2	125

Roland SPAA



Price: \$900,000 (R/—)
Armament: Twin Roland SAM launchers, MG3 MG
Ammo: 6 Roland SAMs
Fuel Type: D, G, AvG, A
Load: 500 kg
Veh Wt: 29 tons
Crew: 4
Mnt: 6
Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐ Loader ☐
Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐
Radio: ☐
Roland SAM Launcher (L): ☐
Roland SAM Launcher (R): ☐
MG3 MG: ☐
Loader: ☐
Traverse: ☐
Engine: ☐
Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐
Suspension: Minor damage ☐ Immobilized ☐

WEAPON DATA

Weapon	ROF	Dam	Pen	Blk	Mag	—Recoil—		
						SS	Brst	Rng
MG3	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

Roland SPAA (Self-Propelled Artillery): The Roland system is the standard self-propelled anti-aircraft missile system of the Bundeswehr, and the Roland launching/target acquisition system can be mounted on a variety of chassis types, replacing the vehicle's normal turret. The illustration and statistics here are for the version mounted on a Marder hull.

Tr Mov: 150/90
Com Mov: 35/20
Fuel Cap: 440
Fuel Cons: 110

Combat Statistics

Config: Trt	TF: 2	HF: 6
Susp: T: 6	TS: 2	HS: 4
	TR: 2	HR: 4

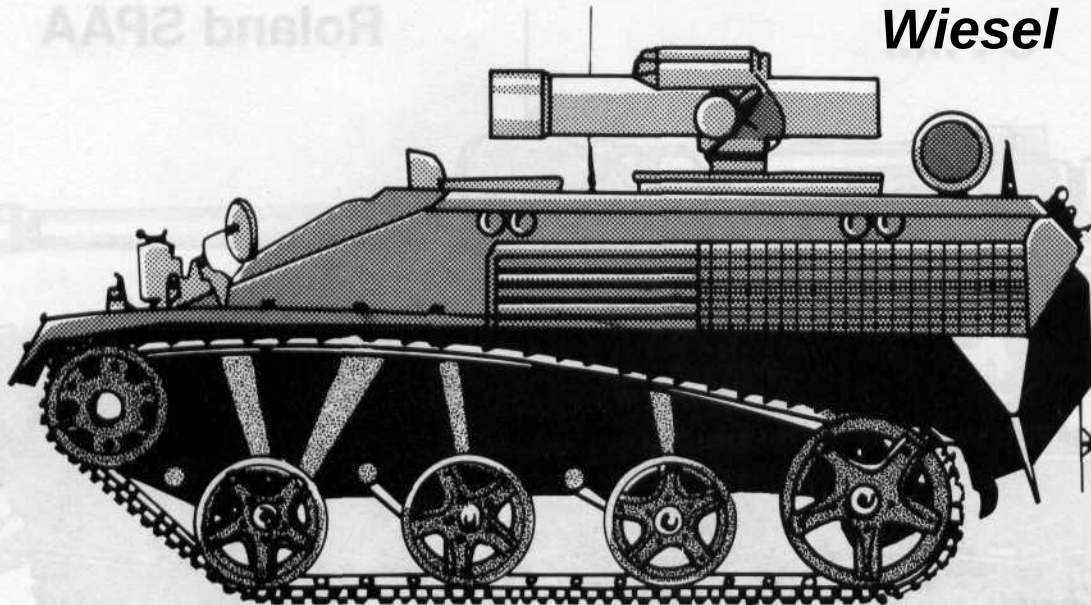
AMMUNITION

Use MG ammo records provided on page 5.

Roland SAMs (6 missiles)

☐☐☐☐☐☐

Wiesel



Price: \$75,000 (S/R)

RF: +2

Armament: ATGM launcher (ATGM) or 20mm AC (fire support)

Stabilization: Fair

Ammo: 1+4 reloads (TOW II) or 300x20mm

Fuel Type: G, A

Load: 300 kg

Veh Wt: 5 tons

Crew: 3 (ATGM), 2 (fire support)

Mnt: 8

Night Vision: Headlights, passive IR

Wiesel (Self-Propelled Artillery): The German-built *Wiesel* is a lightweight, tracked AFV designed for use with light infantry or airmobile formations. The two main variants are the ATGM version and the fire support version (armed with a 20mm autocannon). Produced initially for service with the Bundeswehr, the *Wiesel* was exported in small numbers in the mid-1990s. It has a pair of hatches on the front deck for crew access, is NBC sealed, and is fully amphibious at one-quarter its cross-country speed.

Tr Mov: 160/110

Com Mov: 80/55

Fuel Cap: 320

Fuel Cons: 80

Damage Record

Crewmembers (ATGM): Commander ☐ Driver ☐ Gunner ☐

Crewmembers (Fire Support): Commander/gunner ☐

Driver ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

20mm AC or ATGM Launcher: ☐

Loader: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Combat Statistics

Config: CiH HF: 4

Susp: T: 3 HS: 3

HR: 2

AMMUNITION

Use 20mm ammo records provided on page 5.

ATGM (5 missiles)

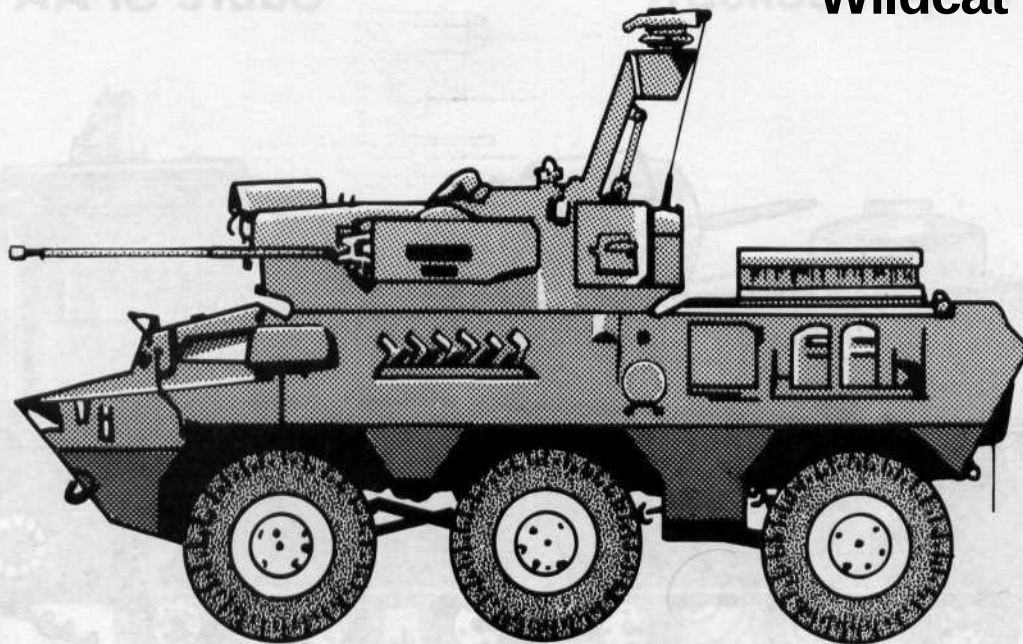
☐☐☐☐☐

WEAPON DATA

Weapon	ROF	Mag	Rng	Ammo	Damage	Pen
20mm	10	100B	250	API	10	3/-2/-5
			250	HE	C:1,B:2	-8C

Type	Rid	Rng	Damage	Pen
TOWII	2	3500	C:12, B:12	160C

Wildcat



Price: \$65,000 (S/R)

RF: +4

Armament: 2x30mm autocannon, MG3 MG

Stabilization: Fair

Ammo: 1200x30mm

Fuel Type: G, A

Load: 300 kg

Veh Wt: 18 tons

Crew: 3

Mnt: 10

Night Vision: Headlights, passive IR

Wildcat (Self-Propelled Artillery): The German-built Wildcat is a 4x4 light anti-aircraft vehicle designed for use with light infantry or airmobile formations. It has a driver's hatch on the front deck and hatches for the commander and gunner on the turret deck

Tr Mov: 160/100

Com Mov: 80/50

Fuel Cap: 360

Fuel Cons: 180

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Sight/Vision: TA radar ☐ Night vision equipment ☐

Radio: ☐

30mm AC (L): ☐

30mm AC (R): ☐

MG3 MG: ☐

Loader: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Combat Statistics

Config: Trt TF: 3 HF: 6

Susp: W(3) TS: 3 HS: 4

TR: 3 HR: 4

AMMUNITION

Use 30mm autocannon and MG ammo records provided on page 5.

WEAPON DATA

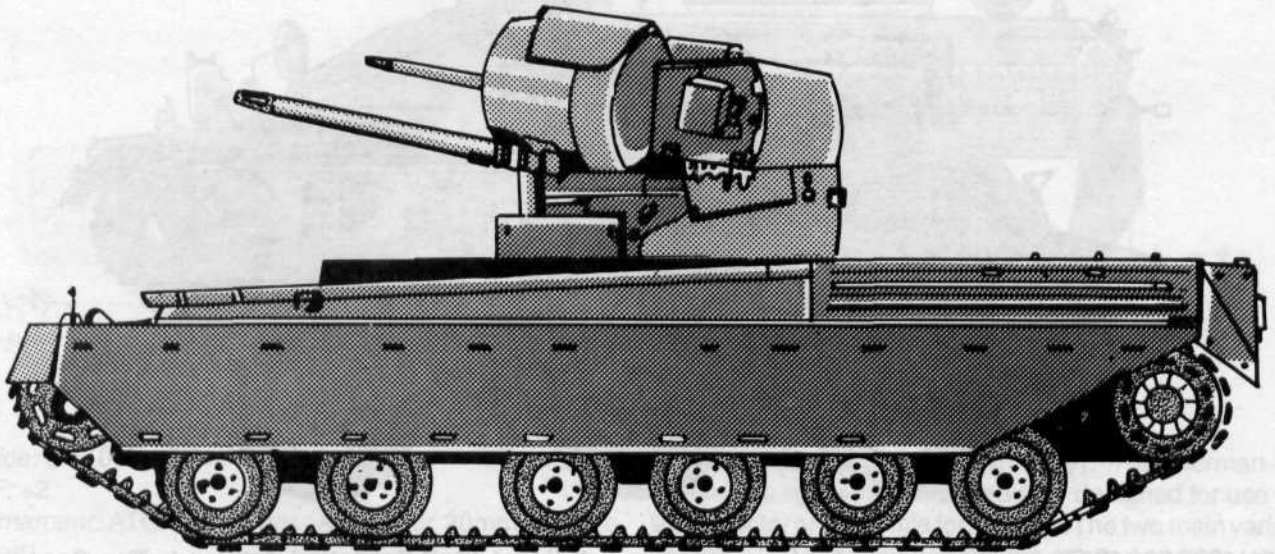
Weapon	ROF	Mag	Rng	Ammo	Damage	Pen
30mm	5	100B	250	API	16	5/1/-2
			250	HE	C:1,B:2	-6C

WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
MG3MG	10	4	2-3-Nil	6	50B	1	7	65
bipod	10	4	2-3-Nil	6	50B	1	3	90
tripod	10	4	2-3-Nil	6	50B	1	1	125

Sabre SPAA



Price: \$100,000 (R/—)

RF: +4

Armament: 2x30mm AC

Stabilization: Fair

Ammo: 1200x30mm

Fuel Type: D, A

Load: 300 kg

Veh Wt: 38 tons

Crew: 3

Mnt: 8

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

30mm AC (L): ☐

30mm AC (R): ☐

Loader: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Sabre SPAA (Self-Propelled Artillery): The Sabre 30mm anti-aircraft gun system was developed by the firm of Thompson CSF and can be found in service with armies of several nations. In the British Army, it is mounted on a Chieftain MBT chassis, and this is the version illustrated here.

Tr Mov: 110/80
ComMov: 55/40
FuelCap: 950
FuelCons: 380

Combat Statistics

Config: Trt	TF: 4	HF: 120-CP
Susp: T: 6	TS: 4	HS: 12-SP
	TR: 4	HR: 12

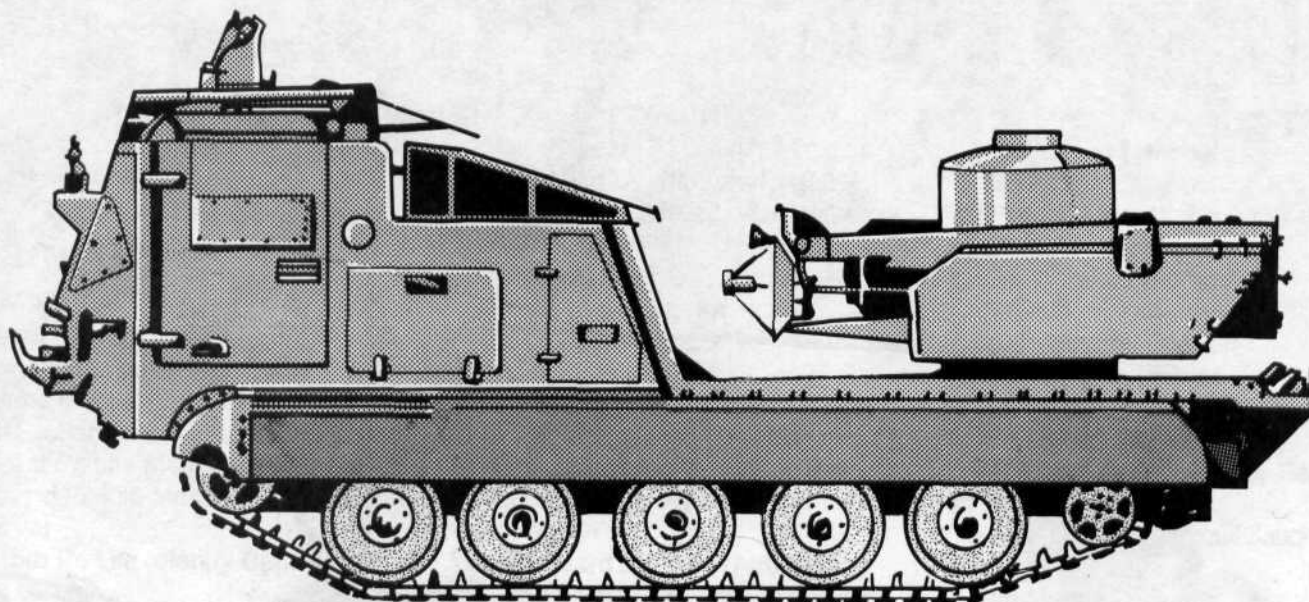
AMMUNITION

Use 30mm ammo records provided on page 5.

WEAPON DATA

Weapon	ROF	Mag	Rng	Ammo	Damage	Pen
30mm AC	5	100B	250	API	16	5/11-2
			250	HE	C:1,B:2	-6C

Tracked Rapier SPAA



Price: \$75,000 (S/R)

RF: +4

Armament: Quad Rapier launcher, L7A2mm GPMG

Ammo: 4 missiles in launch position (plus 4 reloads)

Fuel Type: D, A

Load: 500 kg

Veh Wt: 12 tons

Crew: 4

Mnt: 8

Night Vision: Headlights, passive IR

Damage Record

Crewmembers: Commander ☐ Driver ☐ Gunner ☐ Loader ☐

Sight/Vision: Gun sight ☐ Range finder ☐ Night vision equipment ☐

Radio: ☐

Quad Rapier Launcher: ☐

L7A2 GPMG: ☐

Loader: ☐

Traverse: ☐

Engine: ☐

Fuel (% Consumed or Destroyed): ☐☐☐☐☐☐☐☐☐☐

Suspension: Minor damage ☐ Immobilized ☐

Tracked Rapier SPAA (Self-Propelled Artillery): The tracked Rapier self-propelled anti-aircraft vehicle was developed to fill a need for a fast-moving AA missile launcher capable of keeping up with the rapidly changing conditions of the modern battlefield. The existing towed Rapier AA missile launcher was perfectly adequate for defense of static positions against air attack, but it was of little use in a fluid situation. The vehicle has a forward compartment for the crew, but the launcher is mounted on a rear platform with full 360° traverse. The vehicle is not amphibious, but is NBC sealed.

Tr Mov: 120/80

Com Mov: 60/40

Fuel Cap: 380

Fuel Cons: 140

Combat Statistics

Config: Trt TF: 2 HF: 3

Susp: T: 3 TS: 2 HS: 3

TR: 2 HR: 3

AMMUNITION

Use MG ammo records provided on page 5.

Rapier SAMs (8 missiles)

☐☐☐☐☐☐☐☐

WEAPON DATA

—Recoil—

Weapon	ROF	Dam	Pen	Blk	Mag	SS	Brst	Rng
L7A2 GPMG	10	4	2-3-Nil	6	100B	1	7	65
bipod	10	4	2-3-Nil	6	100B	1	4	90
tripod	10	4	2-3-Nil	6	100B	1	2	125



ORDERS OF BATTLE

The following orders of battle are as of 1 July 2000, for consistency in comparison with other OBs.

Denmark

GERMANY

III German Corps

Current Location: North Germany
Jutland Mechanized Division

1st Jutland Mechanized Brigade

1st Pr. Life Mechanized Battalion

2nd Pr. Life Mechanized Battalion
(Reserve)

5th Pr. Life Infantry Battalion (Reserve)

1st Jutland Dragoons

6th North Jutland Artillery Battalion

2nd Jutland Mechanized Brigade

1st Queen's Life Mechanized Battalion

2nd Queen's Life Mechanized Battalion (Reserve)

3rd Queen's Life Infantry Battalion
(Reserve)

2nd Jutland Dragoons

3rd North Jutland Artillery Battalion

3rd Jutland Mechanized Brigade

1st King's Life Mechanized Battalion

1st Funen Life Mechanized Battalion
(Reserve)

4th Queen's Life Infantry Battalion
(Reserve)

3rd Jutland Dragoons

7th South Jutland Artillery Battalion

Jutland Division Support Command

14th Air Defense Artillery Battalion

23rd Artillery Battalion

24th Artillery Battalion

DENMARK

Slesvig Regimental Combat Team

Current Location: Kobenhavn

2nd Slesvig Infantry Battalion

3rd Slesvig Infantry Battalion

4th Slesvig Infantry Battalion

4th Jutland Dragoons

11th South Jutland Artillery

COMMAND ZEALAND

Current Location: Danish Islands

1st Zealand Mechanized Brigade

1st Life Guards Mechanized Battalion

1st Danish Life Mechanized Battalion
(Reserve)

3rd Danish Life Infantry Battalion
(Reserve)

1st Guard Hussars (Armored)

1st Crown Field Artillery Battalion

2nd Zealand Mechanized Brigade

1st Zealand Life Mechanized Battalion

1st Falster Mechanized Battalion
(Reserve)

2nd Guard Hussars (Armored)

5th Zealand Field Artillery Battalion

Funen Regimental Combat Team

2nd Funen Life Infantry Battalion

3rd Funen Life Infantry Battalion

4th Funen Life Infantry Battalion

14th Crown Field Artillery Battalion

Falster Regimental Combat Team

3rd Falster Infantry Battalion

4th Falster Infantry Battalion

5th Falster Infantry Battalion

16th Crown Field Artillery Battalion

Guards Regimental Combat Team

4th Guards Hussar Armored Cavalry
Battalion

3rd Royal Life Guard Infantry Battalion

4th Royal Life Guard Infantry Battalion

22nd Zealand Field Artillery Battalion

France

1ST FRENCH ARMY

Current Location: Strasbourg

I French Corps

Current Location: Metz

7th Armored Division

12th Light Armored Division

4th Armored Division

1st Armored Division

14th Light Armored Division

4th Airmobile Division

27th Alpine Division

II French Corps

Current Location: Kòln

15th Infantry Division

3rd Armored Division

5th Armored Division

III French Corps

Current Location: Lille

2nd Armored Division

8th Infantry Division

10th Armored Division

16th Belgian Division

1st Belgian Division

6th Light Armored Division

FAR (Force Action Rapide, Rapid Action Force)

Current Location: Djibouti/Saudi Arabia/
Kuwait

9th Marine Division

11th Airborne Division

13th Foreign Legion Demibrigade
(DBLE)

Indian Ocean Regional Command

Current Location: La Réunion

2nd Marine parachute Infantry Regiment (RPIMa)

West African Regional Command

Current Location: Gaborone/Senegal/Ivory
Coast

6th Marine Infantry Battalion (BIMa)

23rd Marine Infantry Battalion (BIMa)

43rd Marine Infantry Battalion (BIMa)

East African Regional Command

Current Location: Djibouti

5th Marine Combined Arms Regiment (RIAO)

Western Pacific Regional Command

Current Location: Noumea, New Caledonia

Marine Infantry Regiment of the Pacific (Noumea) (RIMaP(N))

Eastern Pacific Regional Command

Current Location: Papeete, Tahiti

Marine Infantry Regiment of the Pacific (Papeete) (RIMaP(P))

Latin American Regional Command

Current Location: Caribbean Islands

9th Marine Infantry Battalion (BIMa)

3rd Foreign Legion Infantry Regiment
(REI)

33rd Marine Infantry Regiment
(RIMa)

Germany

1ST GERMAN ARMY

Current Location: Southern Germany

IV German Corps

Corps Troops

- 40th Panzerartillerie Battalion
- 403rd Flak Battalion (towed 40mm)
- 44th Field Engineer Battalion

10th Panzer Division

- 10th Recon Battalion
- 10th Engineer Battalion
- 24th Panzer Brigade
- 25th Panzer Brigade
- 26th Panzergrenadier Brigade

1st Panzergrenadier Division

- 1st Recon Battalion
- 1st Engineer Battalion
- 1st Flakpanzer Battalion (*Gepard*)
- 4th Panzergrenadier Brigade
- 5th Panzergrenadier Brigade
- 6th Panzer Brigade
- 3rd Panzer Division
- 3rd Recon Battalion
- 3rd Engineer Battalion
- 3rd Flakpanzer Battalion (*Gepard*)
- 9th Panzer Brigade
- 10th Panzer Brigade
- 11th Panzergrenadier Brigade

II German Corps

Corps Troops

- 20th Panzerartillerie Battalion (M110)
- 222nd Panzerartillerie Battalion (SAU-152)
- 24th Flak Battalion (towed 40mm)
- 230th Flak Battalion (towed S-60 57mm)

21st Field Engineer Battalion

- 1st Panzer Division
- 11th Recon Battalion
- 11th Flakpanzer Battalion (*Gepard*)
- 11th Engineer Battalion
- 1st Panzer Brigade
- 2nd Panzer Brigade
- 3rd Panzergrenadier Brigade
- 2nd Panzergrenadier Division
- 2nd Recon Battalion
- 2nd Flakpanzer Battalion (*Gepard*)
- 2nd Engineer Battalion
- 6th Panzergrenadier Brigade
- 7th Panzergrenadier Brigade
- 8th Panzer Brigade

27th Panzer Division

- 27th Recon Battalion (BRDM-3)
- 27th Flakpanzer Battalion (ZSU-30-6)
- 27th Engineer Battalion

- 33rd Panzer Brigade
- 34th Panzer Brigade
- 35th Panzergrenadier Brigade
- 211th Panzergrenadier Division
- 211th Recon Battalion (BRDM-3)
- 211th Flakpanzer Battalion (ZSU-30-6)
- 211th Engineer Battalion
- 42nd Panzergrenadier Brigade
- 43rd Panzergrenadier Brigade
- 44th Panzer Brigade

2ND GERMAN ARMY

Current Location: Central Germany

I German Corps

Corps Troops

- 123rd Panzerartillerie Battalion (SAU-152)
- 12th Panzerartillerie Battalion (M110)
- 10th Flak Battalion (towed 40mm/ 57mm)

14th Field Engineer Battalion

- 1st Fallschirmjäger Division
- 40th Fallschirmjäger Recon Battalion
- 24th Fallschirmjäger Brigade
- 25th Fallschirmjäger Brigade
- 27th Fallschirmjäger Brigade
- 12th Panzer Division
- 12th Recon Battalion (*Luchs*)
- 12th Flakpanzer Battalion (*Gepard*)
- 12th Engineer Battalion
- 27th Panzer Brigade
- 28th Panzer Brigade
- 29th Panzer Brigade

24th Panzergrenadier Division

- 24th Recon Battalion (BRDM-3)
- 24th Flakpanzer Battalion (ZSU-30-6)
- 24th Engineer Battalion
- 45th Panzergrenadier Brigade
- 46th Panzergrenadier Brigade
- 47th Panzer Brigade

V German Corps

Corps Troops

- 50th Panzerartillerie Battalion (M110)
- 50th Flak Battalion (towed 40mm)
- 50th Field Engineer Battalion
- 7th Panzer Division
- 7th Recon Battalion
- 7th Flakpanzer Battalion
- 7th Engineer Battalion
- 21st Panzer Brigade
- 22nd Panzer Brigade
- 23rd Panzergrenadier Brigade
- 11th Panzergrenadier Division
- 11th Recon Battalion
- 11th Flakpanzer Battalion (*Gepard*)
- 11th Engineer Battalion

- 48th Panzergrenadier Brigade
- 49th Panzergrenadier Brigade
- 50th Panzer Brigade

VI German Corps

Corps Troops

- 60th Panzerartillerie Battalion (M110)
- 61st Panzerartillerie Battalion (M110)
- 62nd Flak Battalion (towed 40mm)
- 263rd Flak Battalion (towed S-60 57mm)

64th Field Engineer Battalion

- 4th Panzergrenadier Division
- 4th Recon Battalion
- 4th Flakpanzer Battalion (*Gepard*)
- 4th Engineer Battalion
- 12th Panzergrenadier Brigade
- 13th Panzergrenadier Brigade
- 14th Panzer Brigade
- 5th Panzer Division
- 5th Recon Battalion
- 5th Flakpanzer Battalion (*Gepard*)
- 5th Engineer Battalion
- 15th Panzer Brigade
- 16th Panzer Brigade
- 17th Panzergrenadier Brigade
- 28th Panzergrenadier Division
- 28th Recon Battalion (BRDM-3)
- 28th Flakpanzer Battalion (ZSU-30-6)
- 28th Engineer Battalion
- 36th Panzergrenadier Brigade
- 37th Panzergrenadier Brigade
- 38th Panzer Brigade

3RD GERMAN ARMY

Current Location: Northern Poland

III German Corps

Corps Troops

- 230th Panzerartillerie Battalion (SAU-152)
- 31st Panzerartillerie Battalion (M110)
- 323rd Flak Battalion (towed S-60 57mm)
- 233rd Field Engineer Battalion
- 6th Panzergrenadier Division
- 6th Recon Battalion
- 6th Flakpanzer Battalion (*Gepard*)
- 6th Engineer Battalion
- 18th Panzergrenadier Brigade
- 19th Panzergrenadier Brigade
- 20th Panzer Brigade
- 21st Panzergrenadier Division
- 21st Recon Battalion (BRDM-3)
- 21st Flakpanzer Battalion (ZSU-30-6)
- 21st Engineer Battalion
- 361st Panzergrenadier Brigade
- 190th Panzergrenadier Brigade
- 32nd Panzer Brigade

29th Panzer Division
 29th Recon Battalion (BRDM-3)
 29th Flakpanzer Battalion (ZSU-30-6)
 29th Engineer Battalion
 39th Panzer Brigade
 40th Panzer Brigade
 41st Panzergrenadier Brigade
 Jutland Mechanized Division

XI US Corps

5th Infantry Division (Mechanized)
 8th Infantry Division (Mechanized)
 50th Armored Division
 2nd Marine Division
 4th Canadian Mechanized Brigade
 116th Armored Cavalry Regiment

The Netherlands

I NETHERLANDS CORPS

Current Location: No longer active.

Corps Troops

101st Reserve Infantry Brigade
 302nd Reserve Infantry Brigade
 304th Reserve Infantry Brigade

1st Mechanized Division

11th Mechanized Brigade
 12th Mechanized Brigade
 13th Armored Brigade
 102nd Field Artillery Group

4th Mechanized Division

41st Mechanized Brigade
 42nd Mechanized Brigade
 43rd Mechanized Brigade
 103rd Field Artillery Group

5th Reserve Mechanized Division

51st Armored Brigade
 52nd Mechanized Brigade
 53rd Mechanized Brigade
 104th Field Artillery Group

Royal Netherlands Marines

1st Commando Group
 2nd Commando Group

Mobile Command

102nd Recon Battalion
 103rd Recon Battalion
 104th Recon Battalion
 105th Recon Battalion

Turkey

TURKISH FIRST ARMY

Disbanded, with remnants repatriated or scattered throughout the eastern Balkans.

TURKISH 12TH ARMY

Current Locafon: Western and central Turkey

I Turkish Corps

2nd Infantry Division
 4th Infantry Division
 6th Infantry Division
 1st Armored Brigade
 59th Artillery Brigade

IV Turkish Corps

8th Infantry Division
 23rd Infantry Division
 33rd Infantry Division
 66th Mechanized Division
 57th Artillery Brigade

IX Turkish Corps

3rd Mechanized Division
 1st Reserve Armored Division
 3rd Armored Brigade
 21st Mechanized Division
 58th Artillery Brigade

XII Turkish Corps

65th Infantry Division
 58th Reserve Infantry Division
 12th Provisional Infantry Division
 2nd Armored Brigade

AEGEAN COMMAND

11th Infantry Brigade
 19th Infantry Brigade

CYPRUS

OCCUPATION FORCE

28th Infantry Division
 39th Infantry Division

ANKARA

DEFENSE DISTRICT

1st Airborne Brigade
 4th Armored Brigade
 1st Mechanized Brigade

IZMIR

DEFENSE DISTRICT

1st Marine Commando Brigade
 6th Armored Brigade
 14th Mechanized Brigade

TURKISH 3RD ARMY

Current Location: Eastern Turkey

II Turkish Corps

9th Infantry Division
 12th Infantry Division
 29th Infantry Division
 51st Infantry Division

VII Turkish Corps

35th Reserve Infantry Division
 21st Mountain Brigade
 211th Border Regiment

United Kingdom

1ST BRITISH ARMY

Current Location: Northern Germany

I British Corps

Corps Troops

24th Infantry Brigade
 1/The Gloucestershire Regiment
 2/The Light Infantry
 1/The Royal Regiment of Wales
 26th Field Regiment, Royal Artillery

5th Royal Inniskilling Dragoon Guards (R)

The Royal Hussars (R)

I st Armoured Divisbñ

7th Armoured Brigade
 1/Queen's Dragoon Guards (A)
 1/The Royal Scots
 1/The Royal Anglian Regiment

12th Armoured Brigade
 4th/7th Royal Dragoon Guards (A)
 3/The Queen's Regiment
 1/The Staffordshire Regiment

22nd Armoured Brigade

The Queen's Own Hussars (A)

17th/21st Lancers (A)

1/Devonshire and Dorset Regiment

2nd Armoured Division

15th Armoured Brigade

16th/5th Queen's Royal Lancers (A)

2/Royal Regiment of Fusiliers

1/Royal Irish Rangers

24th Armoured Brigade

14th/20th King's Hussars (A)

1/King's Own Royal Border Regiment

1/The Green Howards

49th Armoured Brigade

9th/12th Royal Lancers (A)

4/The Royal Tank Regiment (A)

1/Royal Highland Fusiliers

II British Corps

Corps Troops

19th Infantry Brigade
 1/The Light Infantry
 3/The Light Infantry
 1/Royal Regiment of Fusiliers
 47th Field Regiment, Royal Artillery
 Royal Scots Dragoon Guards (R)
 The Queen's Royal Irish Hussars (R)

3rd Mechanised Division

4th Armoured Brigade

15th/19th King's Royal Hussars (A)

1/The Gordon Highlanders

1/The King's Regiment

3rd Infantry Brigade

1/The Queen's Regiment

1/The Prince of Wales' Own Regiment of Yorkshire

1/The Duke of Edinburgh's Royal Regiment

8th Infantry Brigade

1/The Royal Green Jackets

2/The Royal Anglian Regiment

1/Queen's Lancashire Regiment

4th Armoured Division

11th Armoured Brigade

The Life Guards (A)

2/The Royal Tank Regiment (A)

1/Grenadier Guards

1/The Black Watch

20th Armoured Brigade

The Blues and Royals (A)

13th/18th Royal Hussars (A)

1/Welsh Guards

33rd Armoured Brigade

3/The Royal Tank Regiment (A)

1/The Queen's Own Highlanders

2/Coldstream Guards

5th Mechanised Division

39th Infantry Brigade

1/Argyll and Sutherland Highlanders

3/Royal Regiment of Fusiliers

1/Duke of Wellington's Regiment

1st Infantry Brigade

1/Royal Welch Fusiliers

3/The Royal Green Jackets

2/Royal Irish Rangers

5th Infantry Brigade

3/The Royal Anglian Regiment

2/The Queen's Regiment

2/The Royal Green Jackets

Norway

1st Royal Marine Brigade

40th Commando

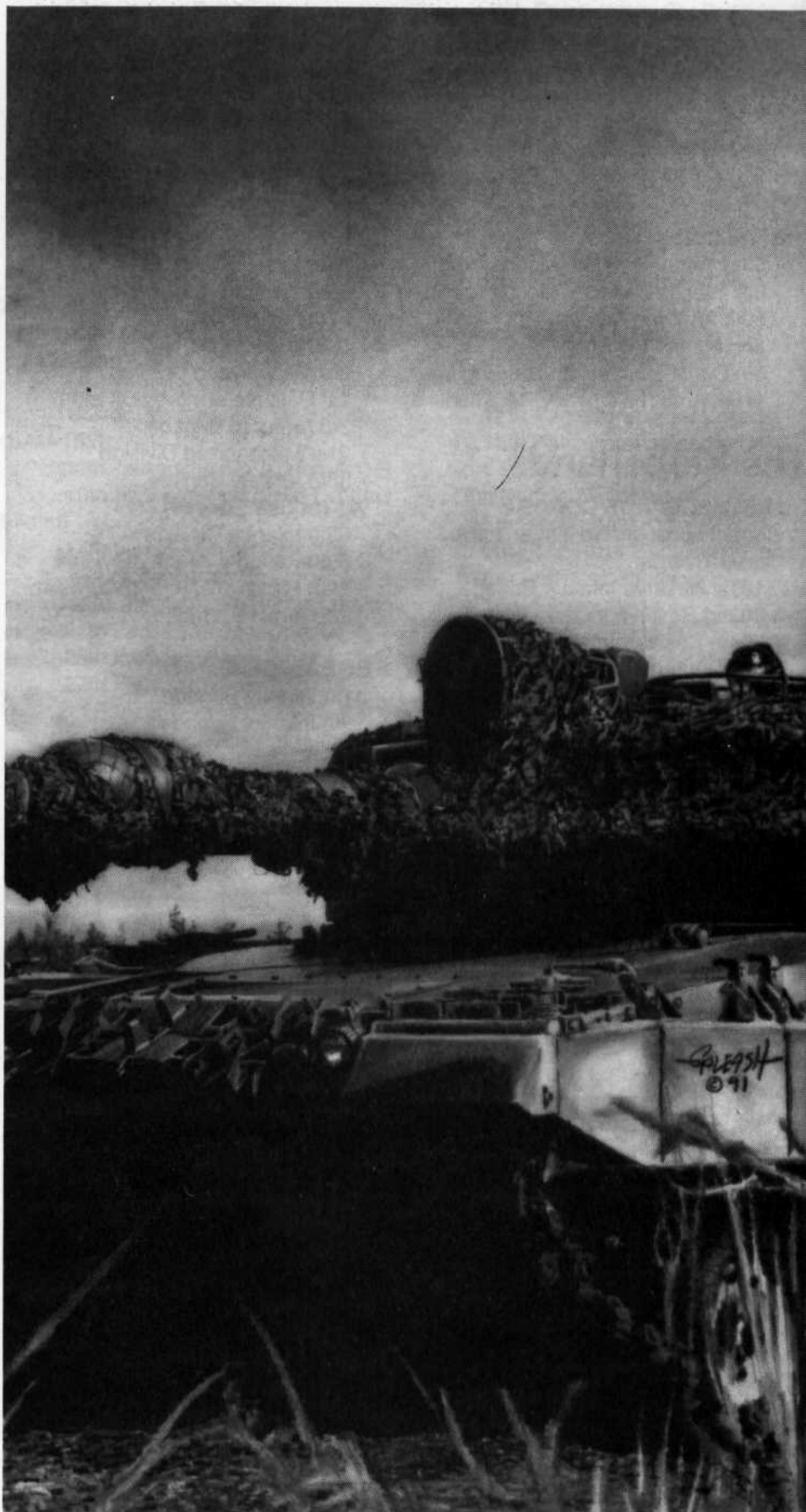
42nd Commando

45th Commando

2nd Special Boat Service Company

29th Commando Regiment, Royal Artillery

Independent Commando Squadron, Royal Engineers



UNIT HISTORY AND CURRENT STATUS

Denmark

JUTLAND MECHANIZED DIVISION

The division was brought up to full strength during the general Danish mobilization on 10 October 1996. In February 1997, Denmark declared war on the Soviet Union.

The Jutland Division was ordered into the field and came under the command of I German Corps.

It performed well during the NATO offensive in the spring of 1997. In November 1999, it was transferred to III German Corps and took part in the offensive into northern Poland in the summer of 2000.

The division has since withdrawn to Denmark.

Subordination: Technically still subordinate to III German Corps

Current Location: Denmark

Manpower: 2000

SLESVIG REGIMENTAL COMBAT TEAM

The unit was mobilized on 10 October 1996 and entered the field on 9 March 1997. The unit was used primarily as a reserve force and was involved in the fighting in southern Germany in the spring of 1997.

The unit suffered heavy casualties trying to retake the Alpine passes from the Italians.

It was withdrawn from southern Germany in December of 1997 and assigned to internal security duties within Denmark.

Subordination: None

Current Location: Southern Denmark

Manpower: 600

France

French troops were not involved in the war. They spent the period from 1997 to 2000 engaged in border security operations (including the occupation of the

territory west of the Rhine in 1998, where they came into conflict with Dutch forces) and in internal administrative actions. War histories are not given, but locations as of 1 July 2000 are.

Armored Divisions

1ST ARMORED DIVISION

Subordination: I Corps

Current Location: Trier

Manpower: 2800

Tanks: 16 LeClerc

2ND ARMORED DIVISION

Subordination: III Corps

Current Location: Bruxelles

Manpower: 3200

Tanks: 16 LeClerc

3RD ARMORED DIVISION

Subordination: II Corps

Current Location: Aachen

Manpower: 4100

Tanks: 18 LeClerc

4TH ARMORED DIVISION

Subordination: I Corps

Current Location: Nancy

Manpower: 3600

Tanks: 18 LeClerc

5TH ARMORED DIVISION

Subordination: II Corps

Current Location: Worms

Manpower: 4200

Tanks: 24 LeClerc

6TH LIGHT ARMORED DIVISION

Subordination: III Corps

Current Location: Antwerp

Manpower: 4400

Tanks: 36 AMX-10RCs

7TH ARMORED DIVISION

Subordination: I Corps

Current Location: Besangon

Manpower: 4100

Tanks: 22 LeClerc

10TH ARMORED DIVISION

Subordination: III Corps

Current Location: Nijmegen

Manpower: 4000

Tanks: 20 LeClerc

12TH LIGHT ARMORED DIVISION

Subordination: I Corps

Current Location: Saumur

Manpower: 2900

Tanks: 22 AMX-10RCS

14TH LIGHT ARMORED DIVISION

Subordination: I Corps

Current Location: Montpellier

Manpower: 4200

Tanks: 24 AMX-10RCS

Infantry Divisions

1ST BELGIAN DIVISION

Subordination: III Corps

Current Location: Liege/Verviers

Manpower: 4000

4TH AIRMOBILE DIVISION

Subordination: I Corps

Current Location: Nancy

Manpower: 3800

8TH INFANTRY DIVISION

Subordination: III Corps

Current Location: Amiens

Manpower: 2800

9TH MARINE DIVISION

Subordination: FAR (Force d'Action Rapide, rapid action force)

Current Location: Kuwait City, Kuwait

Manpower: 1300

Tanks: 13 AFVs

11TH AIRBORNE DIVISION

Subordination: FAR (Force d'Action Rapide, rapid action force)

Current Location: Al Qatif, Saudi Arabia

Manpower: 4200

15TH INFANTRY DIVISION

Subordination: II Corps
Current Location: Koblenz
Manpower: 3900

16TH BELGIAN DIVISION

Subordination: III Corps
Current Location: Oostende/Ghent
Manpower: 4600

27TH ALPINE DIVISION

Subordination: I Corps
Current Location: Grenoble
Manpower: 4400

Regiments and Battalions

1ST FOREIGN LEGION CAVALRY REGIMENT (REC)

Subordination: FAR (*Force d'Action Rapide*, rapid action force)
Current Location: Djibouti
Manpower: 600
AFVs: 24 AMX-10RC

1ST FOREIGN LEGION INFANTRY REGIMENT (REI)

Subordination: FAR (*Force d'Action Rapide*, rapid action force)
Current Location: Basra, Iraq
Manpower: 600

2ND MARINE PARACHUTE INFANTRY REGIMENT (RPIM)

Subordination: Indian Ocean Regional Command
Current Location: La Réunion
Manpower: 500

2ND FOREIGN LEGION INFANTRY REGIMENT (REI)

Subordination: FAR (*Force d'Action Rapide*, rapid action force)
Current Location: Djibouti
Manpower: 600

2ND FOREIGN LEGION PARACHUTE REGIMENT (REP)

Subordination: FAR (*Force d'Action Rapide*, rapid action force)
Current Location: Kuwait City, Kuwait
Manpower: 350

3RD FOREIGN LEGION INFANTRY REGIMENT (REI)

Subordination: Latin American Regional Command
Current Location: Kourou
Manpower: 350

5TH MARINE COMBINED ARMS REGIMENT (RIAO)

Subordination: East African Regional Command
Current Location: Djibouti
Manpower: 450

6TH MARINE INFANTRY BATTALION (BIM)

Subordination: WestAfrican Regional Command
Current Location: Libreville, Gabon
Manpower: 400

9TH MARINE INFANTRY BATTALION (BIM)

Subordination: Latin American Regional Command
Current Location: Cayenne
Manpower: 450

13TH DEMI-BRIGADE, FOREIGN LEGION (DBLE)

Subordination: FAR (*Force d'Action Rapide*, rapid action force)
Current Location: Djibouti
Manpower: 500

23RD MARINE INFANTRY BATTALION (BIM)

Subordination: WestAfrican Regional Command
Current Location: Dakar, Senegal
Manpower: 350

33RD MARINE INFANTRY REGIMENT (RIM)

Subordination: Latin American Regional Command
Current Location: Martinique and Guadeloupe
Manpower: 350

43RD MARINE INFANTRY BATTALION (BIM)

Subordination: WestAfrican Regional Command

Current Location: Port Bouet, Ivory Coast
Manpower: 350

MARINE INFANTRY REGIMENT OF THE PACIFIC (NOUMEA) (RIMP(N))

Subordination: Eastern Pacific Regional Command
Current Location: Noumea, New Caledonia
Manpower: 300

MARINE INFANTRY REGIMENT OF THE PACIFIC (PAPEETE) (RIMP(P))

Subordination: Eastern Pacific Regional Command
Current Location: Papeete, Tahiti
Manpower: 300

Germany

As with all the descriptions in this book, the following are as of 1 July 2000.

Only German units are dealt with in this section. For units of other nationalities attached to the various German Corps, see the relevant sections in this book or the U.S. Army Vehicle Guide.

Panzer Divisions

1ST PANZER DIVISION

Originally part of I German Corps, the division crossed into Poland on 7 October 1996 and became engaged in combat with Soviet forces on 8 October 1996. The division suffered heavy losses in the Pact counterattacks in November of 1996 and was withdrawn. In the spring of 1997, the newly rebuilt division spearheaded 2nd German Army's drive into Northern Poland and took part in the NATO counteroffensive in 1998. During 1999, the 1st Panzer Division absorbed a number of territorial units and came under command of II German Corps. In June of 2000 the division, along with the rest of the corps, was sent to the Bremerhaven area.

Subordination: II German Corps
Current Location: Bremerhaven, Germany
Manpower: 4000
Tanks: 25 Leopard IIs

3RD PANZER DIVISION

Part of the prewar I German Corps, the division crossed into Poland on 7 October 1996 and engaged Soviet forces in combat on 8 October 1996. The division was part of the 1st German Army's drive into central Poland and reached as far as the Neman River line in the Soviet Union before being forced to withdraw. During the withdrawal from Poland, the division suffered from tactical nuclear strikes. In 1998, the 3rd was heavily engaged during the NATO counteroffensive into Czechoslovakia. Since then, the division has been in southern Germany performing internal security duties.

Subordination: IV German Corps

Current Location: Oberammergau, Germany

Manpower: 2000

Tanks: 26 Leopard IIs

5TH PANZER DIVISION

The division was originally part of the III German Corps. It crossed into Poland on 7 October 1996 and engaged Soviet forces almost immediately. On 9 October 1996, the division overran and virtually destroyed the Soviet 47th Guards Motorized Rifle Division. The division was severely mauled in the fighting for Poland.

During the NATO spring offensive in 1997, the division was part of the reserve force. It was sent to southern Germany, where it engaged units of the V Italian Corps. In the spring of 1998, the 5th Panzer Division was in action against Warsaw Pact forces in southern Germany, where it again sustained heavy losses. It was withdrawn to central Germany in 1999, where it has been ever since.

Subordination: VI German Corps

Current Location: Hof, Germany

Manpower: 1000

Tanks: 21 Leopard IIs

7TH PANZER DIVISION

The division was originally part of the prewar I German Corps. It crossed into Poland on 8 October 1996 and engaged Soviet forces on 9 October 1996. During the NATO spring offensive in 1997, the 7th PD was hard hit by tactical nuclear strikes while in the vicinity of Bialystok,

Poland. In 1998, the division was transferred to V German Corps. During the Pact offensive that summer, the 7th was encircled and overrun. The survivors broke and were reformed. The division was sent to the Bayreuth area, where it has remained.

Subordination: V German Corps

Current Location: Bayreuth, Germany

Manpower: 700

Tanks: 5 Leopard IIs

10TH PANZER DIVISION

The division, nicknamed the *Gespenst* (ghost) division, was originally part of the prewar II German Corps. It crossed into Poland on 7 October 1996 and was heavily involved in the fighting in the Leipzig-Dresden area. In the summer of 1997, the division was withdrawn from Poland and sent southward. In the space of 11 days, the 10th Panzer Division withdrew from Poland and moved into southern Germany, where it engaged the Italian *Ariete* Armored Division in the vicinity of Augsburg. In the summer of 1998, the 10th spearheaded the NATO drive into Austria to clear out the Pact units there. Although the offensive was not successful in clearing Austria, the 10th performed well. Many former Austrian soldiers found a home in the 10th, and it has remained in Austria as part of the IV German Corps.

Subordination: IV German Corps

Current Location: Landeck, Austria

Manpower: 4000

Tanks: 31 Leopard IIs

12TH PANZER DIVISION

Originally part of the prewar III German Corps, the division crossed into Poland on 7 October 1996 and engaged in combat against Soviet forces immediately. The division gave an excellent account of itself during the fighting in Poland. In January of 1997, the division was transferred to the newly formed I German Corps. The division saw action in northern Poland as part of the 2nd German Army. In 1999, the unit was transferred by road to central Germany as part of a strategic reserve force. There it absorbed elements of the 4th Territorial Army Regional Command.

Subordination: I German Corps

Current Location: Regensburg, Germany

Manpower: 4000

Tanks: 54 Leopard IIs

27TH PANZER DIVISION

On 30 October 1996, the division left its barracks area and engaged Soviet forces in combat. In February of 1997, the division was reorganized and redesignated the 27th Panzer Division. During the campaign in Poland in 1997, the division distinguished itself in action several times. Since then, the 27th has participated in every major campaign in northern and central Germany.

Subordination: II German Corps

Current Location: Beeskow, Germany

Manpower: 5000

Tanks: 12 Leopard IIs

29TH PANZER DIVISION

The division was formed on 23 June 1996, was ordered into the field on 30 November 1996, and engaged Soviet Forces on 2 December 1996. During February of 1997, the unit was reorganized and redesignated the 29th Panzer Division. The unit was part of the 3rd German Army and participated in the campaigns in Silesia during the NATO offensive into Poland in spring of 1997. During the withdrawal from Silesia in September, the division suffered heavily from air strikes. In the summer of 1998, the division was involved in the NATO drive into Czechoslovakia, where it again suffered heavy casualties. In September of 1999, the unit was moved by road to the Baltic Coast. In the spring of 2000, the 29th was part of the 3rd German Army's offensive into northern Poland.

Subordination: III German Corps

Current Location: Northern Poland

Manpower: 3000

Tanks: 24 Leopard IIs

Panzergrenadier Divisions

1ST PANZERGRENADE DIVISION

The 1st was part of the prewar II German Corps. The division crossed into Poland on 7 October 1996 and engaged Soviet forces on 8 October 1996. In January of 1997, the division became

part of the 1st German Army and took part in the NATO offensive later that year. In the summer of 1998, the division took part in the NATO offensive into Pact-held Austria, and has remained there ever since.

Subordination: IV German Corps

Current Location: Worgl, Austria

Manpower: 2500 infantry, 500 cavalry

Tanks: 6 Leopard IIs

2ND PANZERGRENADEIER DIVISION

Originally part of the prewar III German Corps, the division crossed into Poland on 7 October 1996 and was engaged in combat almost immediately by Soviet forces. After that, the division was withdrawn for rest and refitting. It was part of the 1st German Army during the NATO offensive in the spring of 1997 and drove clear to the Neman River in Russia before it was forced to withdraw. In the summer of 1998, the division saw action again as part of the NATO offensive into Czechoslovakia. It had penetrated as far as the suburbs of Prague when increasing Czech resistance finally forced it to halt. In the spring of 1999, the division was withdrawn to the Leipzig area, where it absorbed the remnants of several former German border patrol units. It has remained there ever since on anti-raider duties.

Subordination: II German Corps

Current Location: Leipzig, Germany

Manpower: 6000

Tanks: 5 Leopard IIs

4TH PANZERGRENADEIER DIVISION

Originally part of the prewar II German Corps, the division crossed into Poland on 7 October 1996 and was engaged immediately by Soviet forces. In the summer of 1997, the 4th PGD took part in the siege of Warsaw, where it suffered heavy casualties. In 1998, during the Pact offensive, the division was heavily engaged in the Nurnberg area. By the time the NATO counteroffensive started, the division had conducted a fighting withdrawal into the vicinity of Plauen. The division has remained there ever since.

Subordination: VI German Corps

Current Location: Plauen, Germany

Manpower: 3000

Tanks: 14 Leopard IIs

6TH PANZERGRENADEIER DIVISION

The division was part of the prewar German Army and was assigned to the defense of the Schleswig-Holstein area. The division crossed into Poland on 10 October 1996 as part of a reserve force. During the withdrawal from Poland in September of 1997, the 6th PGD was hit hard by air strikes. In the summer of 1998, the division was involved in heavy fighting around Stuttgart and was withdrawn later that year for rebuilding. In the spring of 2000, the division took part in the 3rd German Army's offensive into northern Poland.

Subordination: III German Corps

Current Location: Northern Poland

Manpower: 2000

Tanks: 12 Leopard IIs

11TH PANZERGRENADEIER DIVISION

The division was originally part of the prewar I German Corps. It crossed into Poland on 7 October 1996 and was engaged in combat along the Baltic Coast by 8 October 1996. Since then, the unit has been involved in every campaign in Poland, and northern and central Germany. In 1999, the division absorbed elements of the 3rd Territorial Army Regional Command.

Subordination: V German Corps

Current Location: Kulmbach, Germany

Manpower: 4000

Tanks: 16 Leopard IIs

21ST PANZERGRENADEIER DIVISION

This division engaged Warsaw Pact forces on 19 November 1996 and after a month of fighting was withdrawn for rest and refit. In April of 1997, the division was part of 3rd German Army's drive through southern Poland and took part in the Battle of Czystochowa (May 24 to June 17). In early August, the division covered the withdrawal of Panzergruppe Oberdorf, suffering heavy casualties in the process. In the spring of 2000, the division was part of 3rd German Army's offensive into Northern Poland.

Subordination: III German Corps

Current Location: Northern Poland

Manpower: 1600

Tanks: 5 Leopard IIs

24TH PANZERGRENADEIER DIVISION

The unit engaged Polish forces on 19 November 1996, executing a well-timed flank attack against elements of the 2nd Polish Army in the Karl Marx Stadt area. On 10 March 1996, as part of the unification of the German Army, the 4th MRD was redesignated the 24th Panzer-grenadier Division. Since then, the unit has operated in southern Germany and Austria, and has taken part in every major campaign there.

Subordination: I German Corps

Current Location: Nurnberg, Germany

Manpower: 2000

Tanks: 4 Leopard IIs

28TH PANZERGRENADEIER DIVISION

This division was formed on 4 March 1997. During the NATO offensive in the spring and summer of 1997 from a number of territorial units amalgamated under one headquarters, the 28th penetrated as far east as Brest, Russia, where it came under attack by elements of the Soviet 7th Guards Tank Army. The 28th fought a skillful withdrawal/delaying action back across Poland. The division crossed back into Germany on 14 January 1998.

Subordination: VI German Corps

Current Location: Zwickau, Germany

Manpower: 1500

Tanks: 10 Leopard IIs

211TH PANZERGRENADEIER DIVISION

This unit was formed up on 12 July 1996 as the 11th Motorized Rifle Division, mainly by inducting a number of police and border guard units from the Leipzig-Altenburg-Karl Marx Stadt area into the army. During the fighting in Poland in the fall of 1996, the division stayed in its home area. It engaged Warsaw Pact forces on 25 November 1996 and was heavily damaged as a result. On 3 March 1997, the division was reorganized and reequipped. It did not take part

in the NATO spring offensive, but instead was used as a rear area security force. In 1998, the division did take part in the NATO offensive into Czechoslovakia, where it showed a marked improvement in performance. In 1999, the division was withdrawn back to its home area, where it has remained ever since.

Subordination: II German Corps

Current Location: Altenburg, Germany

Manpower: 5000

Tanks: 6 Leopard Ms

Fallschirmjäger Divisions

1ST FALLSCHIRMJÄGER DIVISION

Before the war, this division existed primarily as an administrative organization as its three component brigades were attached to the three German corps. In January of 1998, the German high command decided to consolidate its elite forces into one mobile strike force. The 24th, 25th, and 27th Fallschirmjäger brigades, the 40th Parachute Battalion, and several mountain battalions were placed under the direct command of the division headquarters. During the NATO counteroffensive in the summer of 1998, the division served as a long-range raiding force, striking targets deep in Czechoslovakia and southern Poland. Since then, the unit has served as a light motorized mobile force which operates primarily against marauders and local warlords.

Subordination: I German Corps

Current Location: Bamberg, Germany

Manpower: 3000

The Netherlands

1ST MECHANIZED DIVISION

The division was alerted on 15 July 1996 and reached full mobilization on 17 July 1996. When the German Army crossed the Polish frontier on 7 October 1996, the 1st was ordered to take up positions along the Dutch-German border but not to take any active part in the fighting. On 6 January 1997, the division, along with the rest of the I Leger Korps, was ordered into Germany to join the war against the Warsaw Pact. The division

performed well in the fighting in southern Germany. On 2 January 1998, the division was ordered back to Holland to stop the French invasion. Although the 1st couldn't prevent the French from seizing southern Holland, the division fought several sharp bloody skirmishes with elements of the III French Corps. The surviving Dutch government ordered the unit to disengage and move into central Holland to help restore order. Four months later, the division stepped down, and its remaining personnel were sent to other units as replacements.

Current Status: Disbanded

4TH MECHANIZED DIVISION

The division was alerted on 20 June 1996 and declared fully mobilized on 21 June 1996. On 7 October 1996, the division was moved to the Dutch-German border but ordered to go no further. When the US, Britain, and Canada crossed the inter-German frontier in December, the Dutch government ordered the 4th MD to stay in place. On 7 January 1997, the division was ordered into Germany to help fight the Warsaw Pact. The division performed well against the V Italian Corps in southern Germany in the summer of 1997. The division was hastily withdrawn to Holland in January of 1998 to counter the French invasion.

The unit was involved in heavy fighting in the Arnheim area against the French 7th Armored Division. It withdrew to central Holland on the orders of the surviving Dutch government.

Subordination: None

Current Location: Disbursed in unoccupied Holland

Manpower: 600

5TH RESERVE MECHANIZED DIVISION

The division was activated on 12 September 1996 and was declared operational on 14 September 1996. Up until the Dutch entry into the war, the division was held in Holland. As the fighting in southern Germany grew in intensity, the 5th was sent south into reserve positions around Koln.

In January of 1998, the division was ordered back into Holland. While fighting in the vicinity of Nijmegen, the division

was hit hard by French air strikes. The survivors were withdrawn into central Holland and then moved further north, where they have remained ever since.

Subordination: None

Current Location: Vicinity of Apeldoorn, Holland

Manpower: 500

101ST RESERVE MECHANIZED BRIGADE

The brigade was alerted on 2 October 1996 and declared operational on 5 October 1996. The brigade was used primarily as rear area security force. It suffered from desertions during the civil upheavals of late 1997.

In December of 1997, the brigade was withdrawn to Holland to help with internal security duties in the Leeuwarden area. When the French invaded in 1998, the brigade moved into southern Holland in support of the Territorial Command troops. It was overrun by the Belgian 16th Division in the vicinity of Eindhoven. The survivors withdrew back to their cantonment area in Leeuwarden, where they have been ever since.

Subordination: None

Current Location: Leeuwarden, Holland

Manpower: 200

302ND RESERVE INFANTRY BRIGADE

Originally part of the Dutch National Territorial Command, the brigade spent all of 1997 inside Holland on a variety of security and disaster-relief missions.

In January of 1998, the brigade was in the Breda-Tilburg area where it was attacked by the French 8th Marine Parachute Regiment.

The brigade gave a good account of itself until other French and Belgian main forces arrived. The brigade fought a withdrawing action to the Rhine, where the survivors made their way across the river to Hilversum.

Subordination: None

Current Location: Hilversum, Holland

Manpower: 100

304TH RESERVE INFANTRY BRIGADE

The brigade was originally part of the

Dutch National Territorial Command. After activation, the brigade spent most of its time on a variety of disaster-relief and security duties. It was in the vicinity of Rotterdam when that city was hit by a nuclear warhead on 14 October 1997. The survivors regrouped around the town of Edam, where they have been ever since.

Subordination: None

Current Location: Edam, Holland

Manpower: 100

1ST COMMANDO GROUP, ROYAL NETHERLANDS MARINES

As part of the SACEUR (Supreme Allied Command, Europe) mobile force, the 1st Marines were sent to Norway in July of 1996. When the Red Army invaded Norway in December of 1996, the unit fought in the Bardufoss area. Throughout 1997, the 1st Marines participated in the Kola Peninsula Campaign as an elite raiding force. When the front stabilized in 1998, the 1st Marines repatriated themselves to Holland by commandeering a freighter. The members of the unit are presently operating as anti-French guerrillas based in the coastal islands west of Bergen op Zoom.

Subordination: None

Current Location: Vicinity of Bergen op Zoom, Holland

Manpower: 90

2ND COMMANDO GROUP, ROYAL NETHERLANDS MARINES

Before Holland officially entered the war, the 2nd Marines were already engaged in a series of counterterrorist operations inside Holland. Their main opponent was a group known as the Dutch Red Army. During 1997, the 2nd Marines were involved in antimarauder duties as well. When the French moved into southern Holland, the 2nd Marines executed a series of commando operations. The most spectacular of these was the sinking of the French Frigate *Balny* by an underwater demolition team. Since that time, the 2nd Marines have carried on a clandestine war against Franco-Belgian forces along the coastal regions of southern Holland and northern Belgium.

Subordination: None

Current Location: Unknown

Manpower: 100

102ND RECON BATTALION

Originally part of I Netherlands Corps, the 102nd took part in the fighting in southern Germany. In June of 1998, the unit was converted to horse cavalry. It has since served as the local militia for the city of Zwolle.

Subordination: None

Current Location: Zwolle, Holland

Manpower: 120 cavalry

103RD RECON BATTALION

Originally part of I Netherlands Corps, the 103rd was refitting in Holland when the French invaded. The battalion was the core of the defense of Utrecht, Holland. In March of 1998, the survivors moved to Zutphen, and absorbed local police and militia units.

Subordination: None

Current Location: Zutphen, Holland

Manpower: 300

104TH RECON BATTALION

As part of the I Netherlands Corps, the 104th took part in the fighting in southern Germany. There it held the approaches to Augsburg against a determined assault by the Italian *Folgore* Airborne Brigade. Although nearly wiped out, the 104th succeeded in preventing the Italian paratroopers from seizing several vital road junctions. After this action, the 104th was withdrawn to Holland, where it was reformed as a cavalry unit and settled into cantonments in the city of Groningen.

Subordination: None

Current Location: Groningen, Holland

Manpower: 150 cavalry

105TH RECON BATTALION

The battalion was originally part of the I Netherlands Corps. It fought in southern Germany in the summer of 1997, where it was hit by several Italian air strikes. The survivors returned to Holland in October of 1997 for rest and refit. During the French invasion, the unit covered the approaches to Arnheim. The 105th inflicted heavy casualties on the Belgian 7th Mechanized Brigade before it was forced to withdraw north of the

Rhine. The unit was disbanded and its personnel used as reinforcements for other units.

Current Status: Disbanded

Turkey

Little is known of the participation of individual Turkish divisions in the war.

For this reason, the unit histories given below are less complete than those of other armies.

Armored Divisions and Brigades

1ST RESERVE ARMORED DIVISION

Activated after the disasters of 1997-98, the 1st is currently serving as the garrison of the city of Balikesir, where it also serves as headquarters guards for the IX Corps.

Subordination: IX Corps

Current Location: Balikesir, Turkey

Manpower: 1300

Tanks: 8

1ST ARMORED BRIGADE

The war record of this unit is unknown, but it is believed to have served with the Turkish 1st Army during 1997 in Bulgaria, where it was badly damaged by a tactical nuclear strike. The brigade was withdrawn for rest and refit, and was assigned to internal administrative duties in Sinope.

Subordination: I Corps

Current Location: Sinope, Turkey

Manpower: 750

Tanks: 2

2ND ARMORED BRIGADE

The war record of this unit is unknown. It is presently serving as reserve for the XII Corps in Adana.

Subordination: XII Corps

Current Location: Adana, Turkey

Manpower: 450

Tanks: 3

3RD ARMORED BRIGADE

This unit is known to have served in Bulgaria with the Turkish 1st Army and was severely damaged during the Bulgarian counteroffensive of 1997. Later in

that year it was withdrawn and reassigned to internal administrative duties with the IX Corps.

Subordination: IX Corps

Current Location: Bursa, Turkey

Manpower: 300

*Tanks:*1

4TH ARMORED BRIGADE

This unit spent the war guarding the Ankara district and was severely damaged during the nuclear strike that destroyed the central government in late 1997. It is presently engaged in marauder suppression in the vicinity of Bala.

Subordination: Ankara Defense District

Current Location: Bala, Turkey

Manpower: 450

*Tanks:*2

6TH ARMORED BRIGADE

This unit's war record is unknown, but it is known to have been assigned to the Izmir Defense District sometime in 1997.

Subordination: Izmir Defense District

Current Location: Vicinity of Izmir, Turkey.

Manpower: 600

*Tanks:*1

Infantry Divisions and Brigades

2ND INFANTRY DIVISION

The 2nd is known to have been part of the Turkish 1st Army, where it was damaged early in the Bulgarian counteroffensive of 1997. The division was withdrawn to Istanbul, where it was brought back up to strength with reserve troops and reassigned to the 12th Army's I Corps.

It is presently engaged in internal administrative duties in and around the city of Samsun.

Subordination: I Corps

Current Location: Samsun, Turkey.

Manpower: 800

3RD MECHANIZED DIVISION

This unit's war record is not known with certainty. It is presently engaged in civil administration of the area around the city of Nazilli.

Subordination: IX Corps

Current Location: Nazilli, Turkey

Manpower: 1200

4TH INFANTRY DIVISION

The 4th's war record is not known with accuracy. It is believed to have participated in the invasion of Rhodes, from which it was withdrawn and reassigned to the 12th Army's I Corps. It is presently engaged in internal administrative duties in and around the city of Karabuk.

Subordination: I Corps

Current Location: Karabuk, Turkey

Manpower: 1100

6TH INFANTRY DIVISION

The 6th Division was part of the Turkish 1st Army during the Bulgarian counteroffensive of 1997 and was badly damaged during the attendant nuclear strikes. The division was withdrawn to Istanbul, rebuilt, and assigned to internal administrative duties in Trabzon. It made it as far as Sinope, where it currently forms part of the I Corps.

Subordination: I Corps

Current Location: Sinope

Manpower: 1400

8TH INFANTRY DIVISION

The 8th was one of the first Turkish units to see action in Cyprus, where the division took severe casualties. It was withdrawn to Ankara, rebuilt, and sent to reinforce the Bulgarian front in 1997. The unit made it as far as Istanbul, where it was taken over by the IV Corps and reassigned to internal administrative duties in the wake of the nuclear strike on Ankara.

Subordination: IV Corps

Current Location: Adapazari, Turkey

Manpower: 1800

9TH INFANTRY DIVISION

The 9th evidently spent the entire war guarding the Syrian frontier, where it remains to this day, operating out of Gaziantep.

Subordination: II Corps

Current Location: Gaziantep, Turkey

Manpower: 900

12TH INFANTRY DIVISION

The 12th's war record is unknown. In 1997, it was assigned to internal administrative duties in the area south of Lake Van, where it has been severely damaged in action against Kurdish national-

ists. The division has been forced back to the area around Mardin and is currently serving as the garrison of that city, which marks the limits of Turkish control in the region.

Subordination: II Corps

Current Location: Mardin

Manpower: 790

12TH PROVISIONAL INFANTRY DIVISION

The 12th was called up after the disasters of 1997 and is presently serving as corps reserve for the XII corps at Adana.

Subordination: XII Corps

Current Location: Adana, Turkey

Manpower: 1600

21ST MECHANIZED DIVISION

The island of Lesbos was invaded early in the Greco-Turkish conflict.

The 21st Mechanized Division was transferred in to serve as the island's garrison just before the nuclear strikes that destroyed the central government in late 1997.

Subordination: IX Corps

Current Location: Mitilini, Island of Lesbos, Greece

Manpower: 1200

23RD INFANTRY DIVISION

The 23rd's war record is unknown. It was evidently assigned to IV Corps some time before July 1997 and has performed internal administrative duties in the region of the city of Izmit since late 1998.

Subordination: IV Corps

Current Location: Izmit, Turkey

Manpower: 960

28TH INFANTRY DIVISION

This division, with the 39th Infantry, was part of the original Cyprus expeditionary force in early 1997, and has remained there fighting Greeks, Greek Cypriots, and bandits down to the present.

Subordination: Cyprus Occupation Force

Current Location: Vicinity Nicosia, Cyprus

Manpower: 1200

29TH INFANTRY DIVISION

This division was evidently part of the invasion of Lesbos. After that, it disap-

peared until it resurfaced as the garrison of Urfa, some time before January of 1999 (possibly as early as June of 1998). Much of its manpower consists of local civilian conscripts.

Subordination: II Corps

Current Location: Urfa, Turkey

Manpower: 2000

33RD INFANTRY DIVISION

This unit's war record is unknown.

It was assigned to the IV Corps for internal administrative duties in July of 1997 and was assigned to the city of Zonguldak at that time.

Subordination: IV Corps

Current Location: Zonguldak, Turkey

Manpower: 1400

35TH RESERVE INFANTRY DIVISION

This division was activated in late 1997, and it now serves as the garrison of Kars.

Subordination: VII Corps

Current Location: Kars, Turkey

Manpower: 2000

39TH INFANTRY DIVISION

This division, along with the 28th Infantry, was part of the original Cyprus expeditionary force in early 1997, and it has remained there to the present fighting Greeks, Greek Cypriots and bandits. It was heavily reinforced in July of last year by levies from mainland Turkey.

Subordination: Cyprus Occupation Force

Current Location: Kyrenia, Cyprus

Manpower: 1200

51ST INFANTRY DIVISION

This division now serves as II Corps' reserve in the City of Maras.

Subordination: II Corps

Current Location: Maras, Turkey

Manpower: 1900

58TH RESERVE INFANTRY DIVISION

This unit was activated in late 1996 or early 1997, and its service record is unknown until it became the garrison of Tarsus in 1998.

Subordination: XII Corps

Current Location: Tarsus, Turkey

Manpower: 1800

65TH INFANTRY DIVISION

This unit's war record is unknown. As of 1 July 2000, it is carrying out internal administrative duties in the region around Konya.

Subordination: XII Corps

Current Location: Konya, Turkey

Manpower: 1200

66TH MECHANIZED DIVISION

This division was part of the garrison of Istanbul and was slightly damaged when the nuclear strike intended for that city plunged into the Sea of Marmora.

It still occupies Istanbul and its environs, but the troops are mostly dispersed into the surrounding countryside in battalion-sized cantonments.

Subordination: IV Corps

Current Location: Vicinity of Istanbul, Turkey

Manpower: 1200

1ST MECHANIZED BRIGADE

This unit was part of the Turkish strategic reserve and was outside Ankara when the city was nuked in late 1997. Its commander declared the establishment of the Ankara Defense District, and took command of surviving military and civilian activities in the area.

The brigade is presently overseeing salvage activities in the ruins of the former Turkish capital.

Subordination: Ankara Defense District

Current Location: Ankara, Turkey

Manpower: 800

11TH INFANTRY BRIGADE

Originally part of the task force assigned to the invasion of Rhodes, this unit was assigned to city of Bodrum after that island was taken.

It is presently serving as the garrison of that city.

Subordination: Aegean Command

Current Location: Bodrum, Turkey

Manpower: 750

14TH MECHANIZED BRIGADE

This brigade is part of the forces overseeing the salvage of the port of Izmir.

Subordination: Izmir Defense District

Current Location: Izmir, Turkey

Manpower: 450

19TH INFANTRY BRIGADE

This brigade was part of the invasion force that took the island of Cos from the Greeks, but it was severely damaged in the process. It is presently inhabiting several small cantonments near Marmaris.

Subordination: Aegean Command

Current Location: Marmaris, Turkey

Manpower: 350

Specialized Brigades

1ST AIRBORNE BRIGADE

The 1st Airborne Brigade was held in reserve for an airdrop that never came and is currently dispersed in several small cantonments in the area around Ankara.

Subordination: Ankara Defense District

Current Location: Vicinity of Ankara, Turkey

Manpower: 750

1ST MARINE COMMANDO BRIGADE

This brigade was sent to Izmir after it engaged in a number of raids in support of Turkish military offensives in the Greek islands. It is presently serving as a reserve force for the commander of the Izmir Defense District.

Subordination: Izmir Defense District

Current Location: Izmir, Turkey

Manpower: 800

21ST MOUNTAIN BRIGADE

This unit's war record is unknown. After 1997, it was assigned to suppression of the Kurdish insurgency in south-eastern Turkey, and it is presently located in the vicinity of the City of Erzurum. This represents the present limits of Turkish control in the area. The brigade has recently incorporated a number of local conscripts to bring its numbers up, possibly for a renewed offensive against the Kurds.

Subordination: VII Corps

Current Location: Erzurum, Turkey

Manpower: 1000

United Kingdom

As with all such entries, the following are the units' status as of 1 July 2000.

Armoured Divisions

1ST ARMoured DIVISION

A prewar armoured division stationed in Germany as part of the British Army of the Rhine (BAOR), the 1st benefited from the British military buildup of the early 1990s. The division crossed the Polish frontier on 10 December 1996 and was in combat against by 12 December 1996. In July 1997, the unit was transferred by road to southern Germany, where it fought against the V Italian Corps in the Munich area. In June 1998, the 1st took part in the NATO counteroffensive into Czechoslovakia, where it took heavy losses. The division withdrew to northern Germany, where it has remained since.

Subordination: I British Corps

Current/Location: Braunschweig, Germany

Manpower: 1000

Tanks: 13

2ND ARMoured DIVISION

The division was formed up in the summer of 1996 and arrived in Germany on 14 October 1996. It crossed the inter-German frontier on 10 December 1996 and was in combat by 12 December 1996. The 2nd fought hard in Poland, where it repulsed an attack by the Soviet 20th Guards Army. In July of 1997, the division was sent south along with the rest of I British Corps to fight the Italians. The 2nd also took part in the fighting in southern Germany and Czechoslovakia. In 1999, the unit was withdrawn to northern Germany for rest and refit.

Subordination: I British Corps

Current Location: Hannover, Germany

Manpower: 2000

Tanks: 14

4TH ARMoured DIVISION

The division was formed on 15 September 1996 at Salisbury, England, but it was not deployed to continental Europe until the spring of 1997. The division fought in the campaigns in Poland throughout the rest of the year. In 1998, the 4th Armoured served as a mobile reserve force in central and southern Germany. In January of 2000, as part of the consolidation of British forces, the unit was ordered into northern Germany.

Subordination: II British Corps

Current Location: Magdeburg, Germany

Manpower: 3000

Tanks: 21

Mechanised Divisions

3RD MECHANISED DIVISION

The 3rd Mechanised Division began the war as the 3rd Armoured Division stationed in northern Germany under the command of I British Corps. The division crossed the Polish frontier on 9 December 1996 and was in combat by 10 December 1996. The 3rd took heavy casualties in the fighting in Poland and was withdrawn from combat in February of 1998 for rest and refit. The unit was amalgamated with the 7th British Field Force and reformed as a mechanised division. In June of 1998, the unit came under the command of II British Corps.

Subordination: II British Corps

Current Location: Celle, Germany

Manpower: 4000

Tanks: 13

5TH MECHANISED DIVISION

Originally formed from the 5th British Field Force on 5 December 1996, the division was used for internal security duties in England. It was deployed to continental Europe in June of 1998 just in time to take part in the fighting in southern Germany. Chronically understrength and short of tanks, the 5th MD has served primarily as a security and reaction force. In February of 2000, the unit was withdrawn to northern Germany, where it has remained since.

Subordination: II British Corps

Current Location: Hildesheim, Germany

Manpower: 3000

Tanks: 6

Independent Brigades and Regiments

1ST AIRBORNE BRIGADE

Formed on 1 January 1996, the brigade was directly attached to SACEUR as a mobile strike force. The unit was involved in the fighting in southern Germany. It performed long-range penetra-

tion raids against V Italian Corps and other Pact forces. Following the nuclear exchange in November of 1997, the 1st Airborne was withdrawn back to England, where it remains.

Subordination: United Kingdom Land Forces

Current Location: Southern England

Manpower: 700

1ST SPECIAL SERVICE BRIGADE

Formed around the nucleus of the 22nd SAS, the brigade operated primarily as a long-range commando force. During the Pact offensive in 1998, elements of the unit staged several raids on Soviet Army and front headquarters, severely disrupting operations. Because of the growing chaos in England, the brigade was redeployed there in late 1998.

Subordination: United Kingdom Land Forces

Current Location: Southwest England

Manpower: 300

1ST ROYAL MARINE BRIGADE

The Royal Marines were deployed to Norway on 1 November 1996 as part of the SACEUR mobile force. In December 1996, the unit, in conjunction with the US 4th Marine Amphibious Brigade, conducted blocking operations against the forward spearheads of the 18th Soviet Army. After clearing the Narvik area, the brigade took part in the Kola Peninsula offensive. Several of its component units undertook long-range raids against Soviet facilities at Kronstadt and Leningrad. After the NATO offensive stalled in June 1997, the Royal Marines withdrew southward, along with the 4th US MAB. Although much of the brigade withdrew, a portion of it remained in Norway, where it is now under the personal command of the king.

Subordination: None

Current Location: Southern Norway

Manpower: 500

19TH INFANTRY BRIGADE

The brigade was formed up on 8 August 1996 at Crickhowell, England. The brigade remained in England until April of 1998, performing internal security and disaster-relief duties. Its troops were

moved to Germany in June of 1998 as reinforcements. It fought several pitched battles against various marauder bands. During this time, the unit acquired a reputation for toughness, as well as a half-dozen assorted tanks of various nationalities.

Subordination: II British Corps

Current Location: Northern Germany

Manpower: 300

Tanks: 6

24TH INFANTRY BRIGADE

This brigade was originally part of the UKLF Reserve Force. In January of 1997, it was moved to Newcastle, England prior to being sent to Norway. Delays, caused primarily by weather, forced the cancellation of its orders. It remained in Newcastle until August of 1997, when it was sent to Poland to help shore up the deteriorating NATO position. Since then, it has seen action in every major campaign that the I British Corps has been in.

Subordination: I British Corps

Current Location: Hannover, Germany

Manpower: 500

5TH ROYAL INNISKILLING DRAGOON GUARDS

An armoured reconnaissance regiment attached to the I British Corps, the 5th was one of the first British units to

cross the inter-German frontier in December of 1996. Since then, the unit has acted in every major campaign in Germany and Poland. In 1999, due to a vehicle shortage, the unit reverted to horsed cavalry.

Subordination: I British Corps

Current Location: Vicinity of Braunschweig, Germany

Manpower: 150 cavalry

THE ROYAL HUSSARS

Another I British Corps armoured recon regiment, the Royal Hussars crossed over the inter-German frontier in December 1996. During the withdrawal from Poland in September 1997, it suffered heavy casualties. It withdrew from the front in December 1997. Since then, it has been primarily a rear area security force.

Subordination: I British Corps

Current Location: Vicinity of Braunschweig, Germany

Manpower: 50

Tanks: 2 Scimitars

THE ROYAL SCOTS DRAGOON GUARDS

The regiment was sent to Germany in February 1997 as one of the armoured recon regiments of the newly activated II British Corps. It has fought with distinc-

tion in every campaign. In 1999, the regiment traded in its remaining AFVs for horses. Since then, it has served as a long-range raiding force. Although officially still known as the Royal Scots Dragoon Guards, the regiment prefers to use its old designation, the Royal Scots Greys.

Subordination: II British Corps

Current Location: Vicinity of Celle, Germany

Manpower: 300 cavalry

THE QUEENS' ROYAL IRISH HUSSARS

Part of II British Corps, the regiment was deployed to Germany in February 1997. During the NATO offensive in 1997, the regiment was attached to the 1st German Army. As such, it holds the distinction of being the first British Army unit to set foot on Russian soil since 1919. It wasn't there for long. During the withdrawal from Poland, the unit served as a screening force.

Since then, the unit has been used on a variety of long-range recon and strike missions. It converted to horse cavalry in 1999.

Subordination: II British Corps

Current Location: Vicinity of Braunschweig, Germany

Manpower: 200 cavalry



ORGANIZATION

These represent the prewar authorized equipment levels of units.

Belgium

Remember that these are prewar levels and do not represent the current (1 July 2000) condition of any unit. APCs are either AIFV, M113, or (rarely) AMX-IOPs.

MECHANIZED BRIGADE

Headquarters and Headquarters Company:

2 Mechanized Infantry Battalions, each with:

Headquarters:

2 APCs

3 Mechanized Companies, each with:

14 APCs

2 81 mm mortar carrier APCs

6 Milans

3 Blindicides

1 Combat Support Company:

2 Scorpions

3 Scimitars

2 Spartans

4 4.2" mortar APCs

4 jeep/Milans

2 20mm AAs

1 Tank Battalion:

Headquarters:

1 Leopard

3 Tank Companies, each with:

13 Leopards

1 Recon Platoon:

2 Scorpions

2 Scimitars

2 Spartans

1 Antitank Battalion:

12 Jagdpanzer Kanones

12 jeep/Milans

1 Artillery Battalion:

18 M109 SPs

TANK BRIGADE

Same as mechanized brigade, but with 2 tank battalions and 1 mechanized battalion.

SP ARTILLERY REGIMENT

36 M109 self-propelled howitzers

Denmark

Remember that these are prewar levels and do not represent the current (1 July 2000) condition of any unit. MBTs are either Leopard Is or Leopard IIs.

MECHANIZED BRIGADE

Headquarters and Headquarters Company:

1 Armored Battalion:

Headquarters and Headquarters/Support Company:

5 M113s



- 2 M577 TOCs (staff)
- 2 M901S (AT platoon)
- 2 Tank Companies, each with:
 - 11 MBTs
 - 2M113s
- 1 Armored Infantry Company:
 - 11 M113s
 - 2 M113 SP 120mm mortars
 - 2M901s
 - 3 Carl Gustav recoilless rifles
- 1 Motorized Infantry Company:
 - 3 81mm mortars
 - 3 Carl Gustav recoilless rifles
 - 2 jeeps with 106mm recoilless rifles
- 2 Mechanized Battalions, each with:
 - Headquarters and Headquarters/Support Company:
 - 5M113s
 - 2 M577 TOCs (staff)
 - 4 M113 SP 120mm mortars
 - 2 jeeps with TOW (AT platoon)
- 2 Armored Infantry Companies, each with:
 - 11 M113s
 - 2 M113 SP 120mm mortars
 - 2M901s
 - 3 Carl Gustav recoilless rifles
- 1 Tank Company:
 - 11 MBTs
 - 2M113s
- 1 Motorized Infantry Company:
 - 3 81mm mortars
 - 3 Carl Gustav recoilless rifles
 - 2 jeeps with 106mm recoilless rifles
- 1 Motorized Battalion:
 - Headquarters and Headquarters/Support Company:
 - 4 jeeps with 106mm recoilless rifles
 - 4 120mm mortars (towed)
 - 4 Motorized Infantry Companies, each with:
 - 3 81mm mortars
 - 3 Carl Gustav recoilless rifles
 - 2 jeeps with 106mm recoilless rifles
- 1 Artillery Battalion:
 - Headquarters Battery:
 - 4 M577 TOCs (staff)
 - 8 M113s (forward observers)
 - 1 Air Defense Battery:
 - 4 Stinger teams
 - 6 towed 40mm AAAs
 - 2 Howitzer Batteries, each with:
 - 6 M109A2 SP 155mm howitzers
 - 1 Towed Howitzer Battery:
 - 6 155mm howitzers
- 1 Recon Company:

- 6M41s
- 3M113S
- 3 M125 81 mm mortar carriers

France

ARMORED REGIMENT

- Headquarters and Headquarters Company:
 - 9 jeeps
 - 2 LeClerc
 - 4AMX-10PS
- 4 Tank Companies, each with:
 - 17 LeClerc or AMX-30S

LIGHT ARMORED INFANTRY REGIMENT

- Headquarters and Headquarters Company:
 - 2AMX-10RCS
 - 4 VABs
- 1 Antitank Platoon:
 - 4 jeeps or M11/Milans
- 4 Infantry Companies, each with:
 - 17 VABs
 - 2 Milans
 - 2 81mm mortars
 - 2 20mm AAs
- 1 Weapons Company:
 - 6 120mm mortars
 - 6 VABs
 - 9 recon jeeps or M11s

RECON REGIMENT, CORPS

- Headquarters and Headquarters Company:
 - 2AMX-10RCS
 - 4 VABs
- 4 Recon Companies, each with:
 - 12AMX-10RCS
 - 3 VABs
 - 8 Milan launchers

RECON REGIMENT, INFANTRY DIVISION

- Headquarters and Headquarters Company:
 - 2AMX-10RCS
 - 4 VABs
- 3 Recon Companies, each with:
 - 12AMX-10RCS
 - 3 VABs
 - 8 Milan launchers
- 1 Antitank Company:
 - 12 VAB/ATGMs (HOT or Milan)

MECHANIZED INFANTRY REGIMENT

- Headquarters and Headquarters Company:
 - 2AMX-10Ps
 - 8 VABs
 - 6 120mm mortars
- 3 Mechanized Infantry Companies, each with:
 - 17AMX-10Ps
 - 8 Milans
- 1 Tank Company:
 - 10 LeClerc or AMX-30s
 - 4AMX-10Ps

AIRMOBILE REGIMENT

- Headquarters:
 - 7 VABs
- Headquarters Company:
 - 15 VABs
- 4 Infantry Companies, each with:
 - 17 VABs
 - 2 Milan launchers
 - 2 20mm AAs
 - 2 81 mm mortars
- 2 Antitank Companies, each with:
 - 13 VABs
 - 18 Milan launchers
- 1 Weapons Company:
 - 8 VABs
 - 6 120mm mortars
 - 12 recon jeeps or M11s

MARINE REGIMENT

Marine regiments are the same as a standard infantry regiment, but are carried in 1¹/s-ton trucks instead of APCs.

AIRBORNE REGIMENT

- Headquarters and Headquarters Company:
 - 3 Infantry Companies, each with:
 - 2 Milan launchers
 - 2 81mm mortars
- 1 Weapons Company:
 - 9 jeeps
 - 6 120mm mortars
 - 12 Milans
 - 6 20mm towed AAs

ALPINE BATTALION

- Headquarters Company
- 4 Chasseur Companies
- 1 Weapons Company:
 - 6 Milan launchers
 - 3 120mm mortars
 - 6 81 mm mortars

INDEPENDENT INFANTRY REGIMENT

Headquarters and Headquarters Company:

- 23 VABs
- 4 Infantry Companies, each with:
 - 17 VABs
 - 2 Milan launchers
 - 2 81 mm mortars
 - 2 20mm AAs
- 1 Antitank Company:
 - 13 VABs
 - 6 Milan launchers
- 1 Weapons Company:
 - 8 VABs
 - 9 jeeps or M11s
 - 6 120mm mortars

INDEPENDENT MARINE INFANTRY BATTALION

Headquarters and Support Company:

- 3 Milan launchers
- 3 120mm mortars
- 3 Infantry Companies, each with:
 - 2 Milan launchers
 - 2 81mm mortars

SP ARTILLERY REGIMENT

24 155mm self-propelled howitzers

TOWED ARTILLERY REGIMENT

24 155mm towed howitzers

Germany

The following tables are prewar levels and do not represent the current (1 July 2000) condition of any unit. MBTs are either Leopard IIIs or Leopard IIs; light tanks are TH-301s or (rarely) Cadillac-Gage Stingrays.

PANZER BATTALION

Headquarters and Headquarters Company:

- 2 MBTs
- 2 Leopard ARVs
- 4 M577 TOCs (staff)
- 3 Panzer Companies, each with:
 - 13 MBTs

MIXED PANZER BATTALION

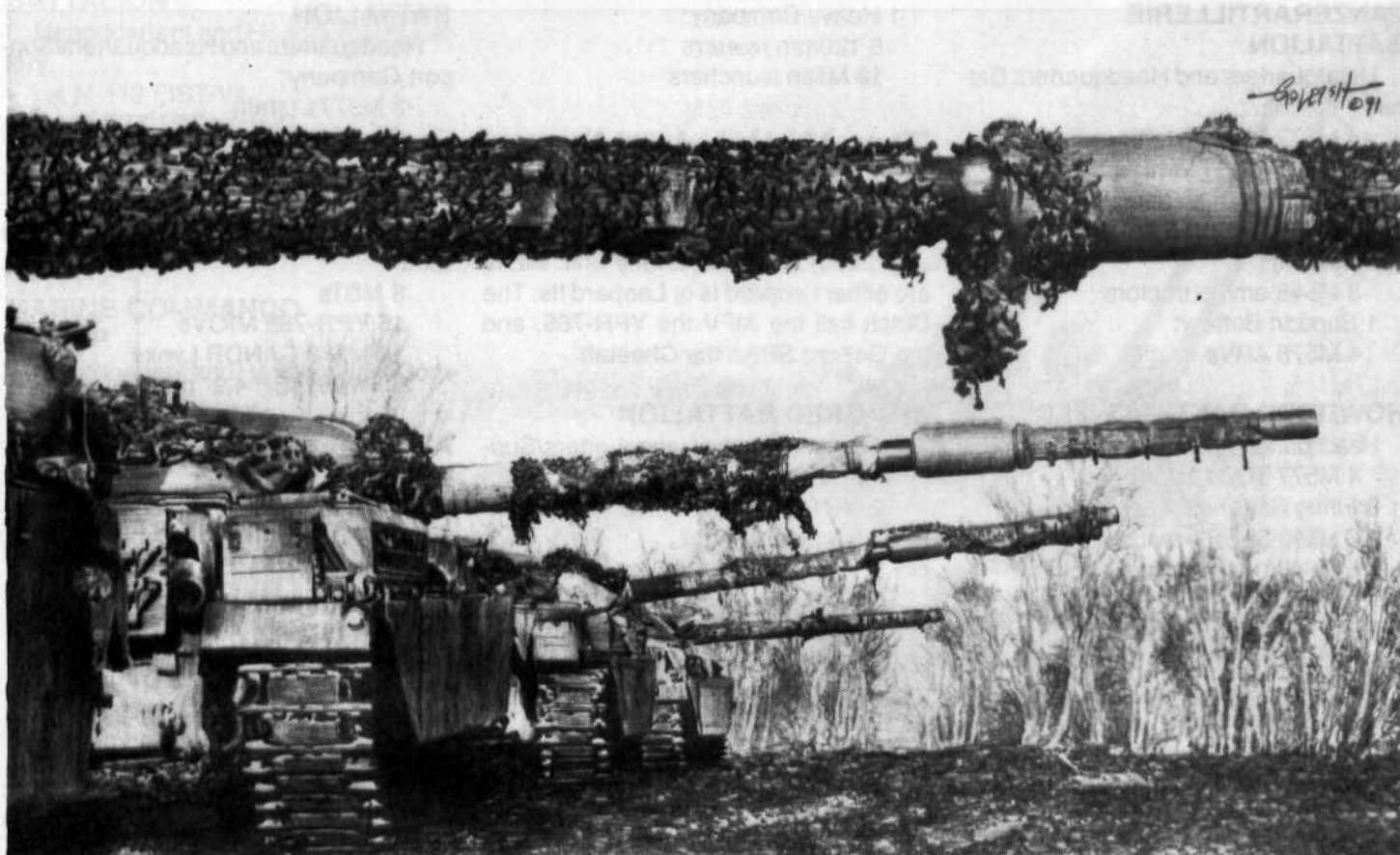
Headquarters and Headquarters Company:

- 2 Marders
- 2 M577 TOCs (staff)
- 2 Panzer Companies, each with:
 - 13 MBTs
- 1 Panzergrenadier Company:
 - 14 Marders
 - 12 Milan ATGM launchers

PANZERGRENADIER BATTALION

Headquarters and Headquarters Company:

- 2 Marders
- 4 M577 TOCs (staff)
- 3 Panzergrenadier Companies, each with:
 - 14 Marders
 - 12 Milan ATGM launchers
- 1 Mortar Company:
 - 6 M113 SP 120mm mortars
 - 1 M113 fire direction vehicle
 - 3 M113s



MIXED PANZERGRENADIER BATTALION

Headquarters and Headquarters Company:
2 Marders
2 M577 TOCs (staff)
2 Panzergrenadier Companies, each with:
14 Marders
12 Milan ATGM launchers
1 Panzer Company:
13 MBTs
1 Mortar Company:
6 M113 SP 120mm mortars
1 M113 fire direction vehicle
3 M113s

PANZER AUFKLARUNGS (RECON) BATTALION

Headquarters and Headquarters Company:
3 MBTs
2 Heavy Companies, each with:
14 MBTs
1 Light Company:
31 TH-301 or *Spahpanzer Luchs* armored cars

PANZERARTILLERIE BATTALION

Headquarters and Headquarters Battery:
4 M577 TOCs (staff)
12 M113 FIST vehicles
3 Firing Batteries, each with:
8 M109A2 SP 155mm howitzers (4 per platoon)
8 M548 ammo tractors
1 Support Battery:
4 M578 ARVs

HOWITZER BATTALION (SP)

Headquarters and Headquarters Battery:
4 M577 TOCs (Staff)
3 Firing Batteries, each with:
6 M110 8" SP howitzers
6 M648 heavy ammo tractors

FIELD ARTILLERY ROCKET BATTALION

Headquarters and Headquarters Battery:
4 M577 TOCs (Staff)
3 Firing Batteries, each with:
6 multiple rocket launchers
Note: Either MLRS or LARS.

AIR DEFENSE ARTILLERY BATTALION

Headquarters and Headquarters Battery:
4 M577 TOCs (staff)
15 Stinger launchers (AA rocket platoon)
10 TPz-1 *Fuchs* wheeled APCs
6 Firing Batteries, each with:
6 *Flakpanzer Gepard* SPAA guns
6 TPz-1 *Fuchs* wheeled APCs

AIR DEFENSE MISSILE BATTALION

Headquarters and Headquarters Battery:
4 M577 TOCs (staff)
4 TPz-1 *Fuchs* wheeled APCs
3 Firing Batteries, each with:
4 M113S
12 Roland SP SAM launchers

JÄGER BATTALION

Headquarters and Headquarters Company:
4 M113S
3 Jäger Companies, each with:
15 M113S
12 Carl Gustav recoilless rifles
1 Heavy Company:
6 120mm mortars
18 Milan launchers

The Netherlands

Remember that these are prewar levels and do not represent the current (1 July 2000) condition of any unit. MBTs are either Leopard Is or Leopard Us. The Dutch call the AIFV the YPR-765, and the Gepard SPAA the Cheetah.

ARMORED BATTALION

Headquarters and Headquarters/Support Company:
2 MBTs
3 Leopard ARVs
3 YPR-765 MICVs
3 Tank Companies, each with:
17 MBTs
2 M113S

Note: 18 MBTs in Leopard II battalions.

ARMORED INFANTRY BATTALION

Headquarters and Headquarters/Support Company:

7 M113S
9 M113 SP 120mm mortars
3 YPR-765 MICVs
12 YPR-765s with TOW
5 M113CANDRLynxs
2 M113S
1 M106 4.2" mortar carriers
2 Carl Gustav recoilless rifles
3 Armored Infantry Companies, each with:
2 M113S
13 YPR-765 MICVs
9 Carl Gustav recoilless rifles
6 Tank Breaker missile systems

INFANTRY BATTALION

Headquarters and Headquarters Company:
7 M113S
3 YPR-765 MICVs (recon platoon)
3 Rifle Companies, each with:
9 Carl Gustav recoilless rifles (1 per squad)
1 Combat Support Company:
12 HMMWVs with TOW
4 120mm mortars (towed)

CORPS VERKENNING (RECON) BATTALION

Headquarters and Headquarters/Support Company:
3 M577s (staff)
2 Leopard ARVs
3 Recon Companies, each with:
1 M577
2 M113s with ground surveillance radar
6 MBTs
15 YPR-765 MICVs
12 M113CANDRLynxs
3 M106s (SP 4.2" mortar)

AIR DEFENSE ARTILLERY BATTALION

Headquarters and Headquarters Battery:
4 M113S
4 Firing Batteries, each with:
4 M113S
6 Cheetahs

ARTILLERY BATTALION

Headquarters and Headquarters Battery:
4 M113 FIST-Vs (forward observers)
4 M577 TOCs (staff)

- 3 Firing Batteries, each with:
 - 4 M113s
 - 6 M109A2 SP 155mm howitzers
 - 6 M548 ammo tractors

HEAVY ARTILLERY BATTALION

Headquarters and Headquarters Battery:

- 4 M113 FIST-Vs (forward observers)
- 4 M577 TOCs (staff)
- 3 Firing Batteries, each with:
 - 4 M113s
 - 4 M110 SP 8" howitzers
 - 4 M548 ammo carriers

MEDIUM ARTILLERY BATTALION

Headquarters and Headquarters Battery:

- 4 M113 FIST-Vs (forward observers)
- 4 M577 TOCs (staff)
- 3 Firing Batteries, each with:
 - 6 M114 155mm howitzers (towed)
 - 6 M548 ammo tractors

ROCKET BATTALION

Headquarters and Headquarters Battery:

- 4 M-113 FIST-Vs
- 4 M-577 TOCs (staff)
- 3 Firing Batteries, each with:
 - 4 M-113s
 - 6 M998 MLRSs
 - 6 M648 ammo tractors

MARINE COMMANDO GROUP

Headquarters and Headquarters Company:

- 6 HMMWVs (recon platoon)
- 2 Infantry Companies, each with:
 - 10 Carl Gustav recoilless rifles
 - 3 60mm mortars
- 1 Combat Support Company:
 - 6 81mm mortars
 - 4 HMMWVs with TOW

Turkey

Remember that these are prewar levels and do not represent the current (1 July 2000) condition of any unit. MBTs are either Leopard 1s or M60s refitted to M60A4 standards.

INFANTRY BATTALION

Headquarters Company:

- 4 jeeps
- 3 Infantry Companies, each with:
 - 4 jeeps with 75mm recoilless rifles
 - 8 2 1/2-ton trucks
- 1 Combat Support Company:
 - 4 120mm mortars
 - 4 2 1/2-ton trucks
 - 8 jeeps with 106mm recoilless rifles

MECHANIZED INFANTRY BATTALION

Headquarters Company:

- 4 M113s
- 3 Mechanized Infantry Companies, each with:
 - 12 M113s or YPR-765s
 - 4 jeeps with 106mm recoilless rifles
- 1 Combat Support Company:
 - 4 120mm mortars
 - 4 M113s or YPR-765s
 - 4 M901s

DS ARTILLERY BATTALION

Headquarters Company:

- 4 jeeps
- 1 M577 TOC
- 3 M113s
- 4 5-ton trucks
- 3 Firing Batteries, each with:
 - 4 jeeps
 - 4 towed 105mm howitzers
 - 4 2 1/2-ton trucks

GS ARTILLERY BATTALION

Headquarters Company:

- 4 jeeps
- 1 M577 TOC
- 3 M113s
- 4 5-ton trucks
- 3 Firing Batteries, each with:
 - 4 jeeps
 - 4 towed 155mm howitzers
 - 4 5-ton trucks

ADA BATTALION

Headquarters Company:



- 4 jeeps
- 1 M577 TOC
- 3 M113s
- 421/2-ton trucks
- 3 Firing Batteries, each with:
 - 4 jeeps
 - 4 towed 40mm AAAs
 - 4 2¹/₂-ton trucks

ARMORED BATTALION

- Headquarters Company:
 - 4 jeeps
 - 2 MBTs
- 3 Tank Companies, each with:
 - 12 MBTs

ARMORED CAVALRY SQUADRON

- Headquarters Troop:
 - 4 jeeps
 - 2 Stingrays
- 3 Armored Cavalry Troops, each with:
 - 4 Stingrays
 - 4 M113ACAVS
 - 4 jeeps

TOWED 155MM BATTALION

- Headquarters Company:
 - 4 jeeps
 - 1 M577 TOC
 - 3 M113S
 - 4 5-ton trucks
- 3 Firing Batteries, each with:
 - 4 jeeps
 - 4 towed 155mm howitzers
 - 4 5-ton trucks
 - 4 M548s

TOWED 8" BATTALION

- Headquarters Company:
 - 4 jeeps
 - 1 M577 TOC
 - 3 M113S
 - 4 5-ton trucks
- 3 Firing Batteries, each with:
 - 4 jeeps
 - 4 towed 8" howitzers
 - 4 5-ton trucks
 - 4 M548s

M107 175MM SP BATTALION

- Headquarters Company:
 - 4 jeeps

- 1 M577 TOC
- 3 M113s
- 4 5-ton trucks
- 3 Firing Batteries, each with:
 - 4 jeeps
 - 4 M107 175mm SP howitzers
 - 4 5-ton trucks
 - 4 M648S

United Kingdom

These are prewar levels and not those of 1 July 2000. MBTs are either Chieftains or Challengers.

ARMoured REGIMENT (BATTALION)

- Headquarters and Headquarters Company:
 - 2 MBTs (command)
 - 3 Sultan TOCs (staff)
 - 3 Fox ACs
- 4 Armoured Squadrons, each with:
 - 14 MBTs
- 1 Recon Platoon:
 - 8 Scorpions
- 1 Antitank Platoon:
 - 9 FV-438/Swingfires

MECHANISED INFANTRY BATTALION

- Headquarters and Headquarters Company:
 - 25 APCs or IFVs
 - 1 Scout Platoon:
 - 8 Scimitars
 - 1 Mortar Platoon:
 - 8 mortars
 - 1 Antitank Platoon:
 - 24 Milan ATGM launchers
 - 3 Mechanised Infantry Companies, each with:
 - 15 APCs or IFVs
 - 9 Carl Gustavs
- Note: Either FV-432S (APCs) or MICV-80s (IFVs) are used.

ARMoured RECONNAISSANCE REGIMENT (CORPS LEVEL)

- Headquarters and Headquarters Squadron:
 - 3 Sultan TOCs (staff)
 - 2 Fox ACs (command)

- 2 Medium Reconnaissance Squadrons, each with:
 - 2 Sultan TOCs (staff)
 - 1 Fox AC (command)
 - 5 Spartan APCs (radar surveillance troop)
 - 16 Scorpion light tanks
- 1 Close Reconnaissance Squadron:
 - 40 Scimitar light tanks

MOTORIZED INFANTRY BATTALION

- Headquarters and Headquarters Company:
 - 2 Sultan TOCs
- 1 Weapons Company:
 - 24 Milan ATGM launchers (antitank platoon)
 - 8 81mm mortars (mortar platoon)
 - 8 Fox ACs (recon platoon)
- 3 Rifle Companies, each with:
 - 14 AT-105 Saxon wheeled APCs
 - 9 Carl Gustav recoilless rifles

FIELD REGIMENT, ROYAL ARTILLERY

- Headquarters and Headquarters Battery:
 - 8 FV-432 APCs
 - 4 Sultan TOCs (staff)
- 4 Field Batteries, each with:
 - 6 FV-433 Abbot SP 105mms or 6 M109 SP 155mms

HEAVY REGIMENT, ROYAL ARTILLERY

- Headquarters and Headquarters Battery:
 - 6 Sultan TOCs
- 3 Batteries, each with:
 - 4 M110 8" howitzers (2 per platoon)
- 1 Field Artillery Rocket Battery:
 - 2 Sultan TOCs
 - 6 M993 MLRSs (3 per platoon)

AIR DEFENSE REGIMENT, ROYAL ARTILLERY

- Headquarters and Headquarters Battery:
 - 3 Sultan TOCs
- 2 Missile Batteries, each with:
 - 3 FV-432S
 - 4 tracked Rapier SPAAs
- 2 Gun Batteries, each with:
 - 3 FV-432S
 - 4 Sabre SPAAs

Compositions of Selected Divisional and Nondivisional Units

FRANCE	Arm Rgt	Lt Arm Inf Rgt	Recon Rgt	Mech Inf Rgt	Airmob Rgt	Mar Rgt	Abn Rgt	Alpine Bn	SP Arty Rgt	Towed Arty Rgt
Armored Division	3	—	1	2	—	—	—	—	1	—
Light Armored Division	1	2	1	—	—	—	—	—	1	—
Infantry Division	—	—	1	3	—	—	—	—	1	—
Airmobile Division	—	—	1	—	3	—	—	—	—	1
Marine Division	—	—	1	—	—	3	—	—	—	1
Airborne Division	—	—	1	—	—	—	3	—	—	1
Alpine Division	—	—	1	—	—	—	—	4	—	1

TURKEY	Inf Bn	Mech Inf Bn	DS Arty Bn	GS Arty Bn	ADA Bn	Arm Bn	Arm Cav Sdn	Towed 155 Bn	Towed 8" Bn	M107 175mm SP
Armored Division	—	1	3	1	1	6	1	—	—	—
Mechanized Division	—	3	3	1	1	3	1	—	—	—
Infantry Division	6	3	2	1	1	—	—	—	—	—
Armored Brigade	—	2	1	—	—	2	—	—	—	—
Mechanized Brigade	—	2	1	—	—	—	2	—	—	—
Infantry Brigade	4	—	—	1	—	—	—	—	—	—
Airborne Brigade	4	—	—	1	—	—	—	—	—	—
Marine Commando Brigade	4	—	—	1	—	—	—	—	—	—
Artillery Brigade	—	—	—	—	—	—	—	3	1	1

THE NETHERLANDS	Arm Bn	Arm Inf Bn	Arty Bn	ADA Bn
Reserve Infantry Brigade	—	2	1	1
Mechanized Brigade	1	2	—	1
Armored Brigade	2	1	—	1

BELGIUM	Mech Bde	Arm Bde	SP Arty Rgt
Mechanized Division	1	1	1
Mechanized Division	2	—	1

FEDERAL REPUBLIC OF GERMANY	Panzer Bn	Mixed Panzer Bn	PzGr Bn	Mixed PzGr Bn	Recon Rgt	PzArty Bn	Jäger Bn
Panzer Brigade	2	1	1	—	—	1	—
Panzergrenadier Brigade	1	—	2	1	—	1	—
Fallschirmjäger Brigade	—	—	—	—	—	—	3

**TWILIGHT:
2000**

NATO™

Combat Vehicle Handbook



The **NATO Combat Vehicle Handbook**, like its predecessors (the **American Combat Vehicle Handbook** and the **Soviet Combat Vehicle Handbook**), supplements and extends the basic vehicle listing provided with the 2nd edition **Twilight: 2000** rules. More than 60 vehicles are represented, from more than six nations (France, Germany, Great Britain, the Netherlands, Turkey, Austria, and others). Vehicles include the German Leopard III, TPz1 Fuchs and Wiesel, the British Vickers Valiant, FV-4333 Stomper, and FV-721 Fox, VAB, AMX-10RC, the Brazilian EE-T1 Osario, the Austrian Steyr 4K 7FA-K SPz, and numerous others.

All vehicles are completely described for use in **Twilight: 2000** games and all games using a similar system (**Merc: 2000**, **Cadillacs and Dinosaurs**, and the upcoming **Dark Conspiracy**), but the data is presented in such a form as to be of interest to modern vehicle enthusiasts even if they don't play **Twilight: 2000** or any game at all.

Finally, as with its predecessors, the vehicle guide includes eight pages of color plates showing representative vehicles in their field color schemes.

TM2007 12.00



Made in U.S.A.
Printed in U.S.A.

ISBN 1-55878-077-7
Copyright©1991 GDW, Inc.
All rights reserved.

Twilight: 2000™ is a trademark of
GDW, Inc.



**TWILIGHT:
2000™**

S I N C E 1 9 7 3



P.O. Box 1646
Bloomington, IL 61702-1646