

Appendix B

Weapons

Allied Handguns

Key:

Enc = Encumbrance
 AD = Ammo Depletion
 AC = Accuracy
 RR = Reliability Rating
 TF = Type of Fire

RT = Reload Time RF = Rate of Fire
 Ammo = Ammunition
 DR = Damage Rating
 LOAD = Rounds of ammo
 PN = Penetration

Weapon Class Handgun
Weapon Name Liberator M1942
Weapon Type American Pistol
Caliber 11.43x23mm
Length 14 cm
Muzzle Velocity 800 fps
Effective Range 5 m
Rate of Fire 6 rpm
Feed Device single round

Weight .475 kg
Type Fire Single Shot
Maximum Range 1360 m

Basic Load 10 rounds

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
1	28	1	2	0	15	9	2	1/ 10	0

Weapon Class Handgun
Weapon Name Lebel M1892
Weapon Type French Revolver
Caliber 8x27mm Mle 92
Length 23.8 cm
Muzzle Velocity 750 fps
Effective Range 15 m
Rate of Fire 24 rpm
Feed Device 6 round cylinder

Weight .95 kg
Type Fire Double Action Revolver
Maximum Range 500 m

Basic Load 24 rounds

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
2	24	1-2	4	.05	10	7	1	6	1

Weapon Class Handgun
Weapon Name M1911A1
Weapon Type American Autoloader
Caliber 11.43x23mm
Length 21.9 cm
Muzzle Velocity 860 fps
Effective Range 50 m
Rate of Fire 35 rpm
Feed Device 7 round box magazine

Weight 1.36 kg
Type Fire Semiautomatic
Maximum Range 1463 m

Basic Load 3 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc

2	8	2-3	4	.15	15	11	3	7	1
---	---	-----	---	-----	----	----	---	---	---

German Handguns

Weapon Class	Handgun	
Weapon Name	Walther PPK	
Weapon Type	German Autoloader	
Caliber	9x17mm	
Length	17.3 cm	Weight .801 kg
Muzzle Velocity	970 fps	Type Fire Double Action
Effective Range	40 m	Maximum Range 1360 m
Rate of Fire	21 rpm	
Feed Device	7 round box magazine	Basic Load 3 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
2	8	2-3	4	.12	10	6	3	8	1

Weapon Class	Handgun	
Weapon Name	P-08 Luger	
Weapon Type	German Autoloader	
Caliber	9x19mm	
Length	22.3 cm	Weight 1.07 kg
Muzzle Velocity	1150 fps	Type Fire Semiautomatic
Effective Range	50 m	Maximum Range 2012 m
Rate of Fire	32 rpm	
Feed Device	8 round box magazine	Basic Load 2 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
2	8	2-3	4	.15	20	13	5	8	1

Weapon Class	Handgun	
Weapon Name	Mauser HSc	
Weapon Type	German Autoloader	
Caliber	9x17mm	
Length	16.5 cm	Weight .724 kg
Muzzle Velocity	951 fps	Type Fire Double Action
Effective Range	40 m	Maximum Range 1360 m
Rate of Fire	30 rpm	

Feed Device					Basic Load				
8 round box magazine					3 magazines				
Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
2	8	2-3	3	.12	10	7	3	8	1

Weapon Class Handgun
Weapon Name Walther P-38
Weapon Type German Autoloader
Caliber 9x19mm
Length 21.5 cm **Weight** .96 kg
Muzzle Velocity 1150 fps **Type Fire** Double Action
Effective Range 50 m **Maximum Range** 2012 m
Rate of Fire 32 rpm

Feed Device					Basic Load				
8 round box magazine					2 magazines				
Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
2	8	2-3	4	.15	20	13	3	8	1

Allied Submachineguns

Weapon Class Submachinegun
Weapon Name M3A1
Weapon Type American
Caliber 11.43x23mm
Length 57.9/75.7 cm **Weight** 4.45 kg
Muzzle Velocity 918 fps **Type Fire** Full Automatic
Effective Range 200 m **Maximum Range** 1550 m
Rate of Fire 120 rpm

Feed Device					Basic Load				
30 round box magazine					8 magazines				
Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
3	16	4-6	6	.33	15	12	6	30	1

Weapon Class Submachinegun
Weapon Name Thompson M1A1
Weapon Type American
Caliber 11.43x23mm
Length 81 cm **Weight** 5.53 kg
Muzzle Velocity 925 fps **Type Fire** Selective

Effective Range 200 m **Maximum Range** 1600 m

Rate of Fire 120 rpm

Feed Device 30 round box magazine **Basic Load** 5 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
3	16	6-8	7	.33	15	12	6	30	1

German Submachineguns

Weapon Class Submachinegun

Weapon Name MP 38/40

Weapon Type German

Caliber 9x19mm

Length 63/83.3 cm

Weight 4.7 kg

Muzzle Velocity 1250 fps

Type Fire Full Automatic

Effective Range 200 m

Maximum Range 2012 m

Rate of Fire 120 rpm

Feed Device 32 round box magazine **Basic Load** 6 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
3	16	4-6	7	.33	25	16	6	32	1

Weapon Class Submachinegun

Weapon Name MP 35/1

Weapon Type German

Caliber 9x19mm

Length 83.8 cm

Weight 4.75 kg

Muzzle Velocity 1247 fps

Type Fire Full Automatic

Effective Range 200 m

Maximum Range 2166 m

Rate of Fire 120 rpm

Feed Device 32 round box magazine **Basic Load** 4 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
3	18	5-7	7	.33	25	16	6	32	1

Allied Bolt Action Rifles

Weapon Class Bolt Action Rifle

Weight 3.53 kg

Weapon Name Fusil Mle 34

Type Fire Bolt Action Repeater

Weapon Type French Rifle **Maximum Range** 3600 m
Caliber 7.5x54mm **Length** 108.4 cm
Muzzle Velocity 2600 fps **Effective Range** 600 m
Rate of Fire 15 rpm
Feed Device 5 round integral box **Basic Load** 18 clips

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
4	16	1	9	0	70	145	2	5	1

Weapon Class Bolt Action Rifle
Weapon Name M1903 A4
Weapon Type American Rifle
Caliber 7.62x63mm
Length 110 cm **Weight** 4.34 kg
Muzzle Velocity 2700 fps **Type Fire** Bolt Action Repeater
Effective Range 600 m **Maximum Range** 3592 m
Rate of Fire 15 rpm
Feed Device 5 round internal magazine **Basic Load** 20 clips

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
4	32	1	11	0	80	205	2	5	1

German Bolt Action Rifles

Weapon Class Bolt Action Rifle
Weapon Name Kar 98k
Weapon Type German Rifle
Caliber 7.92x57mm
Length 110.5 cm **Weight** 4.032 kg
Muzzle Velocity 2477 fps **Type Fire** Bolt Action Repeater
Effective Range 550 m **Maximum Range** 2011 m
Rate of Fire 15 rpm
Feed Device 5 round internal magazine **Basic Load** 18 clips

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
4	16	1	9	0	75	155	2	5	1

Allied Semi-Auto and Automatic Rifles

Weapon Class Automatic Heavy Rifle
Weapon Name BAR A2 (M1918A2)

Weapon Type American Rifle
Caliber 7.62x63mm
Length 121.5 cm **Weight** 9.54 kg
Muzzle Velocity 2680 fps **Type Fire** Automatic - 2 rates of fire
Effective Range 800 m **Maximum Range** 3200 m
Rate of Fire 120 rpm
Feed Device 20 round box magazine **Basic Load** 12 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
5	13	4-6	7	.58	75	17	6	20	1

Weapon Class Automatic Rifle
Weapon Name M2 Carbine
Weapon Type American Rifle
Caliber 7.62x33mm
Length 90.4 cm **Weight** 2.482 kg
Muzzle Velocity 1969 fps **Type Fire** Selective
Effective Range 300 m **Maximum Range** 2000 m
Rate of Fire 75 rpm
Feed Device 30 round box magazine **Basic Load** 4 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
4	16	8-10	10	.58	50	54	6	30	1

Weapon Class Semiautomatic Rifle
Weapon Name M1A1 Carbine
Weapon Type American Rifle
Caliber 7.62x33mm
Length 90.4/65.1 cm **Weight** 2.646 kg
Muzzle Velocity 1969 fps **Type Fire** Semiautomatic
Effective Range 300 m **Maximum Range** 2000 m
Rate of Fire 40 rpm
Feed Device 15 round box magazine **Basic Load** 8 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
3	16	2-3	9	.70	50	54	3	15	1

Weapon Class Semiautomatic Rifle
Weapon Name M1 Carbine

Weapon Type American Rifle
Caliber 7.62x33mm
Length 90.4 cm **Weight** 2.482 kg
Muzzle Velocity 1969 fps **Type Fire** Semiautomatic
Effective Range 300 m **Maximum Range** 2000 m
Rate of Fire 40 rpm
Feed Device 15 round box magazine **Basic Load** 8 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
4	16	2-3	10	.70	50	54	6	30	1

Weapon Class Semiautomatic Rifle
Weapon Name M1 Garand
Weapon Type American Rifle
Caliber 7.62x63mm
Length 110.6 cm **Weight** 4.507 kg
Muzzle Velocity 2805 fps **Type Fire** Semiautomatic
Effective Range 600 m **Maximum Range** 3155 m
Rate of Fire 30 rpm
Feed Device 8 round internal clip loaded **Basic Load** 20 clips

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
4	14	2-3	9	.70	80	19	3	8	1

German Semi-Auto and Automatic Rifles

Weapon Class Semiautomatic Rifle
Weapon Name Gew 43
Weapon Type German Rifle
Caliber 7.92x57mm
Length 111.76 cm **Weight** 4.33 kg
Muzzle Velocity 2450 fps **Type Fire** Semiautomatic
Effective Range 700 m **Maximum Range** 2200
Rate of Fire 40 rpm
Feed Device 10 round box magazine **Basic Load** 10

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
4	16	2-3	9	.70	75	155	3	10	1

Weapon Class Semiautomatic Rifle

Weapon Name Gew 41

Weapon Type German Rifle

Caliber 7.92x57mm

Length 113.03 cm

Weight 4.98 kg

Muzzle Velocity 2477 fps

Type Fire Semiautomatic

Effective Range 700 m

Maximum Range 2200 m

Rate of Fire 40 rpm

Feed Device 10 shot box magazine

Basic Load 10

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
4	16	2-3	9	.70	80	175	3	10	1

Weapon Class Automatic Rifle

Weapon Name FG 42

Weapon Type German Rifle

Caliber 7.92x57mm

Length 94 cm

Weight 4.88 kg

Muzzle Velocity 2500 fps

Type Fire Selective

Effective Range 800 m

Maximum Range 2397 m

Rate of Fire 120 rpm

Feed Device 20 round box magazine

Basic Load 10 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
4	16	6-8	9	.58	75	165	6	20	1

Weapon Class Automatic Rifle

Weapon Name MP 44 (StG 44)

Weapon Type German Rifle

Caliber 7.92x33mm

Length 94 cm

Weight 5.2 kg

Muzzle Velocity 2297 fps

Type Fire Selective

Effective Range 500 m

Maximum Range 1830 m

Rate of Fire 120 rpm

Feed Device 30 round box magazine

Basic Load 6 magazines

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
4	16	4-6	8	.58	60	77	3	30	1

Allied Machine Guns

Weapon Class	Machinegun		
Weapon Name	Browning M1919 A4		
Weapon Type	American Machinegun		
Caliber	7.62x63mm		
Length	104.4 cm	Weight	21.9/28.2
Muzzle Velocity	2800 fps	Type Fire	Full Automatic
Effective Range	1000 m	Maximum Range	3660 m
Rate of Fire	120 rpm		
Feed Device	250 round metallic/fabric belt		Basic Load 3 belts

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
8	24	4-6	5	.90	80	190	6	250	3

Weapon Class	Machinegun		
Weapon Name	M1919 A6		
Weapon Type	American Machinegun		
Caliber	7.62x63mm		
Length	134.62 cm	Weight	22.95 kg
Muzzle Velocity	2800 fps	Type Fire	Full Automatic
Effective Range	1000 m	Maximum Range	3660 m
Rate of Fire	120 rpm		
Feed Device	250 round fabric belt		Basic Load 3 belts

Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
8	24	4-6	6	.90	80	190	6	250	3

German Machine Guns

Weapon Class	Machinegun		
Weapon Name	MG 42		
Weapon Type	German Machinegun		
Caliber	7.92x57mm		
Length	122 cm	Weight	11.9/32.3
Muzzle Velocity	2625 fps	Type Fire	Full Automatic
Effective Range	800/2000	Maximum Range	2515 m
Rate of Fire	150 rpm		

Feed Device					Basic Load				
50 round metallic belt					8 belts				
Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
8	24	9-12	7	.90	75	165	6	50	2

Weapon Class Machinegun
Weapon Name MG34
Weapon Type German Machinegun
Caliber 7.92x57mm
Length 122 cm **Weight** 13.5/32.7
Muzzle Velocity 2475 fps **Type Fire** Selective
Effective Range 800/2000 **Maximum Range** 2515 m
Rate of Fire 200 rpm

Feed Device					Basic Load				
50 round metallic belt					8 belts				
Enc	RT	AD	AC	RM	DR	PN	RR	LOAD	Ammo Enc
8	24	6-9	7	.90	75	165	6	50	2

Allied Explosive Weapons

Weapon Class Explosive Weapon
Weapon Name M9A1 Bazooka
Weapon Type AT Rocket Launcher
Caliber 2.36 inches
Length 137.16 cm **Weight** 7.57 kg
Muzzle Velocity 270 fps **Type Fire** Single Shot
Effective Range 90 m **Maximum Range** 400 m
Rate of Fire SS

Feed Device					Basic Load				
1 round					2 rounds				
Enc	RT	AD	AC	DR	PN	RR	LOAD	Ammo Enc	
4	20	1	7	10	14k	2	1	2	

German Explosive Weapons

Weapon Class Explosive Weapon
Weapon Name Panzercheck
Weapon Type AT Rocket Launcher
Caliber 88mm
Length 81.28 cm **Weight** 4.31 kg

Muzzle Velocity 250 fps **Type Fire** Single Shot
Effective Range 80 m **Maximum Range** 400 m
Rate of Fire SS

Feed Device 1 round **Basic Load** 2 rounds

Enc	RT	AD	AC	DR	PN	RR	LOAD	Ammo Enc
4	20	1	8	10	9200	2	1	2

Weapon Class Explosive Weapon
Weapon Name Panzerfaust
Weapon Type German Recoilless AT
Caliber 15cm
Length 104cm **Weight** 6.8 kg
Muzzle Velocity 204 fps **Type Fire** Single Shot Disposable
Effective Range 60 m **Maximum Range** 100 m
Rate of Fire SS

Feed Device 1 round **Basic Load** 1 round

Enc	RT	AD	AC	DR	PN	RR	LOAD	Ammo Enc
4	-	1	6	10	17k	2	1	2

Allied Grenades

KEY:

Enc = Encumbrance AT = Arm Time AD = Ammo
 Depletion RG= Range
 PN = Penetration RR = Reliability Rating SHR= Shrapnel
 Hit Rating DR = Damage Rating

Weapon Class Grenade
Weapon Name AN-M8 - HC Smoke
Weapon Type American Smoke
Caliber Hexachloroethane
Length 6.4x14.5 cm **Weight** .68 kg
Muzzle Velocity **Type Fire** Burst Radius: 18x4x2 m
Effective Range 30 m **Maximum Range**
Rate of Fire

Feed Device Fuse Delay: 2 seconds **Basic Load** 2 grenades

Enc	AT	AD	RG	PN	RR	SHR / DR		Concussion Damage			
						0	1-3	0	1-4	5-8	9-19
1	2	1	30	17	2	51-60	1-20	434-530	85-103	2-18	

Weapon Class Grenade
Weapon Name Mk A3
Weapon Type American Blast
Caliber TNT

Length 5.4x13.4 cm **Weight** .442 kg
Muzzle Velocity **Type Fire** Burst Radius: 2 m
Effective Range 40 m **Maximum Range**
Rate of Fire
Feed Device Fuse Delay: 4 seconds **Basic Load** 2 grenades

Enc	AT	AD	RG	PN	RR	SHR / DR		Concussion Damage			
						0	1-3	0	1-4	5-8	9-19
1	2	1	40	19	2	n/a	n/a	865-KIA	85-103	2-18	

Weapon Class Grenade
Weapon Name Mk II Pineapple
Weapon Type American Frag
Caliber TNT
Length 5.7x11.4 cm **Weight** .596 kg
Muzzle Velocity **Type Fire** Burst Radius: 10 m
Effective Range 30 m **Maximum Range**
Rate of Fire
Feed Device Fuse Delay: 4 seconds **Basic Load** 4 grenades

Enc	AT	AD	RG	PN	RR	SHR / DR		Concussion Damage			
						0	1-3	0	1-4	5-8	9-19
1	2	1	30	17	2	51 / 60	1 / 20	434-530	85-106	2-18	

German Grenades

Weapon Class Grenade
Weapon Name Gr 24
Weapon Type German Blast Grenade

Caliber TNT

Length 7x35.5 cm

Weight .595 kg

Muzzle Velocity

Type Fire Burst Radius: 2 m

Effective Range 40 m

Maximum Range

Rate of Fire

Feed Device Fuse Delay: 4 seconds

Basic Load 3 grenades

Enc	AT	AD	RG	PN	RR	SHR / DR		Concussion Damage			
						0	1-3	0	1-4	5-8	9-19
2	3	1	45	31	2	51 / 70	1 / 20	567-693	113-139	14-25	

American Explosives

Satchel Charge

2 lbs. TNT with pull fuse

Enc	AT	AD	RG	PN	RR	SHR / DR		Concussion Damage			
						0	1-3	0	1-4	5-8	9-19
3	3	1	3	46h	3	-	-	865-KIA	434-864	85-103	2-18

Demolition Charge

4 lbs. TNT with electrical fuse

Enc	AT	AD	RG	PN	RR	SHR / DR		Concussion Damage			
						0	1-3	0	1-4	5-8	9-19
5	-	1	-	17k	2	-	-	KIA	693-1000	113-139	14-25

German High Explosives

Artillery Round

Anti-Personnel round

Enc	AT	AD	RG	PN	RR	SHR / DR		Concussion Damage			
						0	1-3	0	1-4	5-8	9-19
-	-	-	-	17k	2	100 / 100	50 / 70	KIA	693-1000	113-139	14-25

German High Explosive Rebound

Mortar Round

80mm type 39 HE

Enc	AT	AD	RG	PN	RR	SHR / DR		Concussion Damage			
						0	1-3	0	1-4	5-8	9-19
-	-	-	-	46h	2	100 / 80	50 / 40	KIA	434-864	85-103	2-18

APPENDIX C - AMERICAN RANKS



Captain



1st Lieutenant
(Silver Bar)



2nd Lieutenant
(Gold Bar)



Master Sergeant



Staff Sergeant



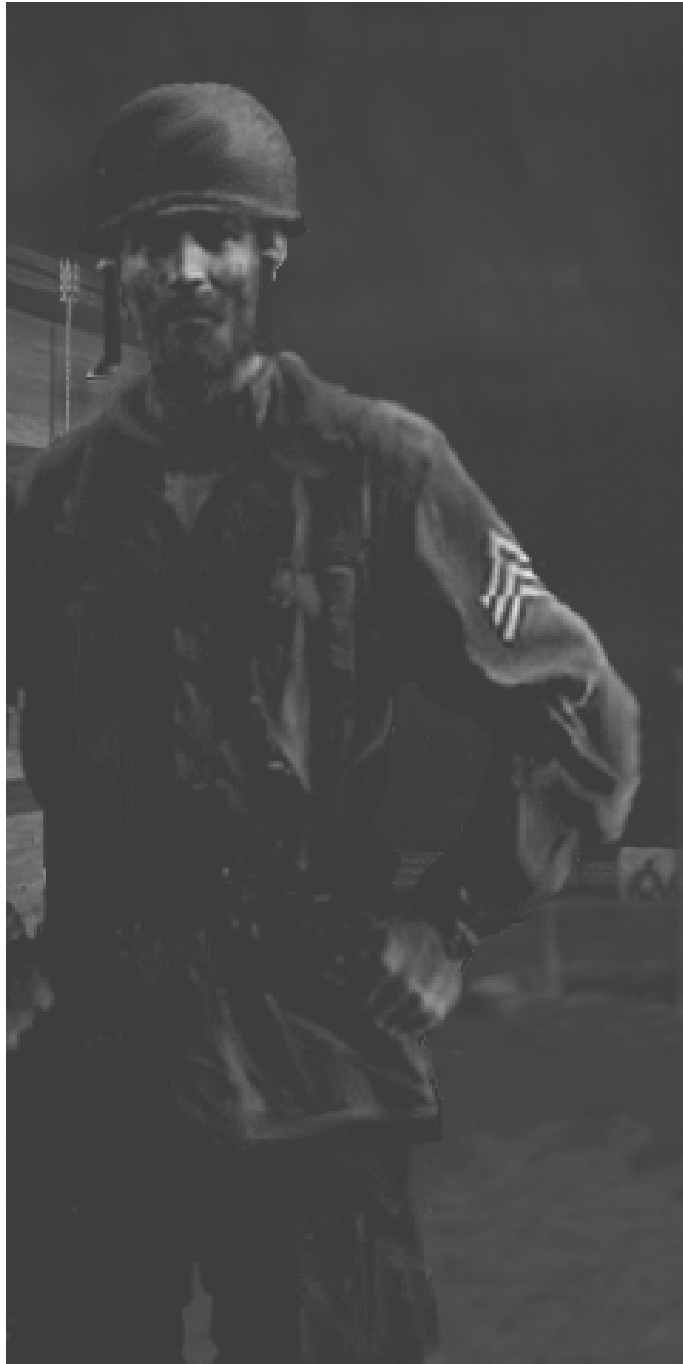
Sergeant



Corporal



Private



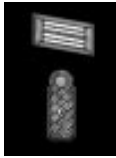
APPENDIX C - GERMAN RANKS



Oberst
(Colonel)



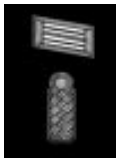
Oberfeldwebel
(Technical Sergeant)



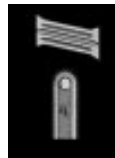
Overstleutnant
(Lieutenant Colonel)



Feldwebel
(Staff Sergeant)



Major



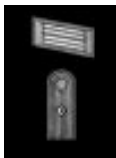
Unterfeldwebel
(Sergeant)



Hauptmann
(Captain)



Unteroffizier
(Corporal)



Oberleutnant
(First Lieutenant)



Obergegreiter
(Private First Class)



Leutnant
(Second Lieutenant)



Stabsfeldwebel
(Master Sergeant)

APPENDIX D - GERMAN RANKS

AMERICAN MEDALS

GERMAN MEDALS

Manual

