







OPERATION WORLD WAR TWO

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TARGET	COVER	ACTION	DAYLIGHT	NIGHT-TIME
		Stationary	50	30
Vahiala	In cover	Moved	100	60
		Fired	200	150
Vehicle		Stationary	100	60
	In the open	Moved	150	100
		Fired	300	200
		Stationary	30	10
	In cover	Moved	60	30
Infantry		Fired	120	90
(+Art, stationary motorbike)		Stationary	60	40
	In the open	Moved	100	60
		Fired	150	120
Modifiers: -25cm if Armoured	d vehicle and no exposed of		100	120
	MO	VEMENT		
VEHICLE	SLOW	FAST		ASSAULT
Heavy Tank	15	30		20
Medium Tank	18	35		25
Light Tank	20	40		30
Half-track	25	45		35
Armoured Car	30	50		40
Car	30	60		40
Truck	25	50		35
Motorbike	35	60		45
Artillery	5	10		-
Infantry	10	20		15
 Vehicles (that are not movil Reversing must be done SI To load or unload from a ve The commander must be e 	lowly. phicle, the vehicle must mo	ove Slowly; units that are	loading or unloading	g lose 5cm.
	FECTION TABL			t the terret
KOII TOTU; 1-3: The el	ement absorbs the shot, n			t the target.
		KILL TEST (DS		
Move 5cm then 1d10; 3+	OK; 1-2 Stuck. If wide tra forward 1d10cm; <tra< td=""><td>icks 2+ OK. When Stuck aining, vehicle is IMMOBI</td><td></td><td>>= Training OK,</td></tra<>	icks 2+ OK. When Stuck aining, vehicle is IMMOBI		>= Training OK,
	CLOSE-A	SSAULT TEST		
Roll 1d	10: >= Training, model ass	saults. < Training, model	does not assault.	
	10 m m m m m m m m m m m m m m m m m m m			

PRECISION TEST

Roll 1d10; >= Training you hit the enemy. < Training you hit intervening vehicle.

STEADY NERVE TEST

Roll 1d10; >= Training, OK. < Training, crew and unit are Pinned! inside vehicle.

	CLOSE COMBAT					
Leader			+1			
Pistol +1						
Model is Pinned! or Panicked						
Enemy outside building, ruin, fortified p			+4			
Protected by a wall or improvised barri			+2			
Every friendly model in contact after the	ne first		+1			
Better Training than the enemy model			+1			
Trained with the bayonet			+1			
Damage is rolled for on the Small Arm	s Damage Table					
	MORALE TEST	Car Participal				
All leaders in unit are KIA or Pinned!			-1			
Infantry unit is not in cohesion			-1			
Only one man left in the unit			-4			
The unit has lost more than 50% of its	models (also vehicles)		-3			
Vehicle is IMMOBILISED			-1			
	APTISM OF FIRE TAP	RLE				
1-2	The unit flees. Remove them	n from play.				
3-7 This turn the unit has a Training of 6+.						
8-9	This turn the unit has a Trai					
10	This turn the unit has a Train	ning of 2+				
DEV	IATION OF INDIRECT	FIRE				
	Up to 30cm (1-2=NE)		1d10			
	31-60cm (1-2=NE)		2x1d10			
	61-120cm (1-2=NE)		3x1d10			
	121cm+ (1-2=NE)		4x1d10			
	No line of sight		+1x1d10			
	COMMUNICATION		1.91			
Method	Failed	Success				
Radio	1-5	6-10				
Voice	Voice 1-4 5-10					
Runner	1-4	1-4 5-10				
Long range radio +1						
Only HQ and OP can send a communic	ation, if 2 communications ok repeat s	hot.				
	NFANTRY DODGE TE	ST				
If greater than the Training the model a	avoids the vehicle.					
If equal to the Training then the model						
f less than the Training then the mode	l dies.					

MOTORBIKE DODGE TEST

If greater than the Training the motorbike swerves away. If equal to the Training then motorbike destroyed but passengers are Pinned! If less than the Training then the tank destroys the motorbike and kills passengers.

TERRAIN AND COVER											
Terrain	Cover	Infantry	Heavy Tank	Medium Tank	Light Tank	Armoured Car	Half-track	Truck	Car	Motorbike	Artillery
Anti-tank obstacle	Light	-	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable	Slow	Impassable
Barbed Wire	-	-5	Remove	Remove	Remove	Slow + Remove	Slow + Remove	Slow + Remove	Slow + DST + Remove	Impassable	Impassable
Bocage	Medium	-10	Slow + 2 DST	Slow + 2 DST	Slow + 2 DST	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable
Broken ground	Light	Slow	Slow	Slow	Slow	Slow + 2 DST	Slow + DST	-10 + Slow + 2 DST	-5 + Slow + 2 DST	-5 + Slow + 2 DST	Impassable
Building	Medium	-5	Slow + Crash into building	Slow + Crash into building	Slow + Crash into building	Impassable	Impassable	Impassable	Impassable	Impassable	Slow
Ruined building	Medium	-5	Slow + DST	Slow + DST	Slow + DST	Impassable	Impassable	Impassable	Impassable	Impassable	Slow
Bunker	Heavy	Slow	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable
Cemetery	Light	-	Slow	Slow	Slow	Slow	Slow	Slow	Slow	Slow	Slow
Crater	Medium	-	Slow	Slow	Slow	-5 + Slow	Slow	-10 + Slow	-5 + Slow	-5 + Slow	Slow
Cultivated field	Light	-5	-5 + Remove	-5 + Remove	-5 + Remove	-5 + Remove	-5 + Remove	-5 + Remove	-5 + Remove	-5	-5
Ditch	Light	-5	Slow	Slow	Slow	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable
High hedge	Light	-10	Slow + Remove	Slow + Remove	Slow + Remove	Slow + 2 DST	Slow + DST	Slow + 2 DST	Impassable	Impassable	Impassable
Low hedge	Light	-5	Slow + Remove	Slow + Remove	Slow + Remove	Slow + DST + Remove	Slow + Remove	Slow + DST	Slow + 2 DST	Impassable	Impassable
Improvised barrier	Light	-5	Slow + Remove	Slow + Remove	Slow + Remove	Slow + DST + Remove	Impassable	Impassable			
Marsh*	-	Slow	Slow + DST	Slow + DST	Slow + DST	Slow + 2 DST	Slow + DST	Slow + 2 DST	Slow + 2 DST	Slow + DST	Slow
Path	-	+5	-	-	-	+5	+5	+5	+5	+5	-
Road	-	+5	+5	+5	+5	+10	+5	+10	+10	+10	-
Sandbag position	Medium	-5	Slow + Remove	Slow + Remove	Slow + Remove	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable
Sea, River, Lake	River bank is Light	Slow #	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable
Stream or shore	-	Slow	Slow	Slow	Slow	-5 + Slow + DST	-5 + Slow	-5 + Slow + DST	-5 + Slow + DST	-5 + Slow + DST	Slow
Trench	Medium	-5	Slow + DST	Slow + DST	Slow + DST	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable
High Wall	Medium	-10	Slow + Remove	Slow + DST + Remove	Slow + DST + Remove	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable
Low Wall	Medium	-5	Slow + Remove	Slow + DST + Remove	Slow + DST + Remove	Impassable	Impassable	Impassable	Impassable	Impassable	Impassable
Woods	Light	-5	Slow	Slow	Slow	Slow	Slow	Slow	Slow	Slow	Slow
Vehicles	**	-5	See text	See text	See text	See text	See text	See text	See text	See text	See text
* Vehicles can	only move along a pa	ath in Mar	shes, otherwise they	are Impassable	# Only swimming	g ** Tanks = H	leavy cover, Arr	noured vehicles = N	Aedium cover, Othe	r vehicles = Lig	ht cover.

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						DAMAG	F TAI	RI F				
	Roll	Heavy tank	Medium tank	Light tank	Armoured car	Half-ti		Truck	Car	Motorbike	Artillery	Infantry
	1	NE	NE	NE	NE	NE		NE	NE	NE	NE	NE
	2	NE NE	NE NE	NE NE	NE NE	NE		NE Wheel	NE Wheel	NE Wheel	NE NE	Pinned! Pinned! if LMH/KIA
	4	NE	NE	NE	NE	Whe		Wheel	Wheel	Wheel	1 Assistant	Pinned! if LMH/KIA
	5	NE	NE	NE	Wheel	Trac	ks	Tracks + Wheel	Wheel	1 Crew	1 Assistant	Pinned! if MH/KIA
	6	NE	NE	Tracks + Steady Nerve Test	Wheel + Steady Nerve Test	Trac + Steady N		1 Crew + Steady Nerve Test	1 Crew + Steady Nerve Test	1 Crew	1 Assistant	Pinned! if MH/KIA
Small Arms	7	Tracks + Steady Nerve Test	Tracks + Steady Nerve Test	Tracks + Steady Nerve Test	1 Crew + Steady Nerve Test	1 Cro + Steady N		1 Crew + Steady Nerve Test	1 Crew + Steady Nerve Test	1 Crew	1 Assistant	Pinned! if H/KIA
	8	Tracks + Steady Nerve Test	Tracks + Steady Nerve Test	1 Crew + Steady Nerve Test	1 Crew + Steady Nerve Test	1 Cro + Steady N		1 Crew + Steady Nerve Test	1 Crew + Steady Nerve Test	Immobilised + 1 Crew	1 Assistant	Pinned! if H/KIA
	9	1 Crew + Steady Nerve Test	1 Crew + Steady Nerve Test	1 Crew + Steady Nerve Test	Immobilised + 1 Crew + Steady Nerve Test	Immob + 1 C + Steady N	rew	Immobilised + 1 Crew + Steady Nerve Test	Immobilised + 1 Crew + Steady Nerve Test	Immobilised + 1 Crew	1 Assistant	KIA
	10	Immobilised + 1 Crew + Steady Nerve Test	Immobilised + 1 Crew + Steady Nerve Test	Immobilised + 1 Crew + Steady Nerve Test	Immobilised + 1 Crew + Steady Nerve Test	Immob + 1 C + Steady N	rew	Immobilised + 1 Crew + Steady Nerve Test	Immobilised + 1 Crew + Steady Nerve Test	Immobilised + 1 Crew	1 Assistant	KIA
	Roll	Heavy tank	Medium tank	Light tank	Armoured car NE	Half-tr		Truck	Car	Motorbike	Artillery	Infantry
	1	NE Tracks + Steady Nerve Test	NE Tracks + Steady Nerve Test	NE Tracks + Steady Nerve Test	Wheel + Steady Nerve Test	NE Whe + Steady N	eel	NE Wheel + Steady Nerve Test	NE Wheel + Steady Nerve Test	NE Wheel	NE 1 Assistant	NE Pinned!
	3	Tracks + Steady Nerve Test	Tracks + Steady Nerve Test	Tracks + Steady Nerve Test	Wheel + Steady Nerve Test	Trac + Steady N		3 Crew + Steady Nerve Test	Secondary weapon + 3 Crew + Steady Nerve Test	1 Crew	1 Assistant	Pinned! if LMH/KIA
	4	Secondary weapon + 2 Crew + Steady Nerve Test	Secondary weapon + 2 Crew + Steady Nerve Test	Secondary weapon + 2 Crew + Steady Nerve Test	Secondary weapon + 2 Crew + Steady Nerve Test	Secondary + 3 C + Steady N	rew .	+ 3 Crew	Immobilised + 3 Crew + Steady Nerve Test	2 Crew	2 Assistants	Pinned! if MH/KIA
	5	Immobilised + 2 Crew + Steady Nerve Test	Immobilised + 2 Crew + Steady Nerve Test	Immobilised + 2 Crew + Steady Nerve Test	Immobilised + 2 Crew + Steady Nerve Test	Immob + 3 C + Steady N	rew	Immobilised + 5 Crew + Steady Nerve Test	Immobilised + 3 Crew + Steady Nerve Test	Immobilised + 1 Crew	2 Assistants	Pinned! if H/KIA
Heavy weapons	6	Main weapon + 2 Crew + Steady Nerve Test	Main weapon + 2 Crew + Steady Nerve Test	Main weapon + 2 Crew + Steady Nerve Test	Main weapon + 2 Crew + Steady Nerve Test	Main weapo + 3 Crew t + Steady Nerve		Main weapon + 5 Crew + Steady Nerve Test	Main weapon + 3 Crew + Steady Nerve Test	Immobilised +2 Crew	Main weapon + 1 Assistant	KIA
	7	Immobilised + Main weapon+ 3 Crew + Steady Nerve Test	Test	Immobilised + Main weapon+ 3 Crew + Steady Nerve Test	Immobilised + Main weapon+ 3 Crew + Steady Nerve Test	Immobilised + M weapon+ 4 Cre + Steady Nerve		weapon+ 5 Crew	Immobilised + Main weapon+ 4 Crew + Steady Nerve Test	Main weapon +2 Crew	Main weapon + 2 Assistants	KIA
	8	Immobilised + Main weapon + Secondary weapon + 3 Crew + Steady Nerve Test	Immobilised + Main weapon + Secondary weapon + 3 Crew + Steady Nerve Test	Immobilised + Main weapon + Secondary weapon + 3 Crew + Steady Nerve Test	Immobilised + Main weapon + Secondary weapon + 3 Crew + Steady Nerve Test	Immobilise weapon + S weapon + + Steady N	Seconda 4 Crew	weapon + Secondary weapon + 5 Crew	Immobilised + Main weapon + Secondary weapon + 4 Crew + Steady Nerve Test	Immobilised + Main weapon +2 Crew	Catastrophe!	KIA
	9 10	Catastrophe!	Catastrophe!	Catastrophe!	Catastrophe!	Catastr		Catastrophe!	Catastrophe! Catastrophe!		Catastrophe!	KIA KIA
	10	Catastrophe!	Catastrophe!	Catastrophe!	Catastrophe!	Catastr	opne!	Catastrophe!	DAMAGE I			KIA
Firing unit ha	s been g	e of sight and/or aware o iven an Assault Order. reapon's normal range bu				-1	Ta	ring unit was given a Suppression F rget is an armoured vehicle and th rget is an armoured vehicle and th	ire Order and is not aware of th shot comes from the front.	IERICS ne target.		-3 -1 +1

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	GENERICI					
Firing unit is not in line of sight and/or aware of the target when the order is given.						
Firing unit has been given an Assault Order.						
Target is beyond the weapon's normal						
Shaped charges and flamethrowers do not apply this modifier.						
Small arm fires at an infantry unit with at least one model within 5cm. Flamethrowers do not apply this modifier.						
Firing model has been given an Ambu	sh order and the target has at least one	model within the weapon's close range.				
Shaped charges and flamethrowers d	o not apply this modifier.		+1			
Direct or indirect fire against a bunker	. Does not apply to flamethrowers nor a	diacent models.	-3			
Direct or indirect fire against target is						
Does not apply to flamethrowers nor a			-2			
		athrowers or adjacent models	-2			
	or exposed crew. Does not apply to flam					
Firing unit or target have moved more	opped vehicle. Does not apply to adjacer	it models.	-3			
Firing unit or target have moved more	than 25cm (cumulative.)		-1			
	GUNS AND SHAPED-CHAR	E WEAPONS				
Direct Fire against vehicle more than	10cm away but within 30cm.		+1			
Direct Fire against a vehicle within 10	cm.		+2			
Shaped charge weapon or anti-tank r			+1			
High-explosives against infantry with			+2			
Armour-piercing with short barrel.			-1			
Armour-piercing with long barrel.			+1			
Armour-piercing with extra-long barre		+2				
1 0 0	TARGET ARMOU	R				
E to Patr	Front		+1			
Extra-light	Side or rear		+2			
15.0	Front		+1			
Light	Side or rear		+1			
Medium	Front		-1			
wedium	Side or rear		0			
Ilean	Front		-2			
Heavy	Side or rear		-1			
Eutor hanne	Front		-3			
Extra-heavy	Side or rear		-2			
Conservation because	Front		-4			
Super extra-heavy	Side or rear		-3			
	CHARACTERISTI	S				
Tank Hunters close-assaulting armout	ed vehicle or using shaped charges		+1			
Stationary model with sight firing vs.	nfantry		+1			
Improved shells. Armour piercing						
Magnetic mines vs. vehicles (no zimmerit)						
Magnetic Hilles vs. vendes no znimenų Marksman using Ambush vs. Infantry						
Anti-aircraft first turn against Paratroopers or Airborne troops						
Poor training, direct fire						
	DO NOT APPLY -1 PENALTY F	OR ASSAULT IF	-1			
Vehicle with Gyrostabiliser ASSAULTS						
Halftrack (assault) ASSAULTS with ma						
Self-propelled gun (Assault) ASSAULT	5 with main weapon					
DIRFOT	FIRE CHIN AGAINST	THE SAME TARGET				
STEADER I		A PARA KATAVARA A TANAK (ARA A				

After firing once, in following turns you can re-roll to Hit if target still in line of sight.

	174.03	AUE MURZETEKS					
		GENERICS					
Firing unit was given a Suppression	Fire Order and is not	aware of the target.	-3				
Target is an armoured vehicle and the	he front.	-1					
Target is an armoured vehicle and the	ehind.	+1					
Target is infantry that is STATIONAR Firing model is using a burst weapo	Y or that has moved s	NOWIY.	-1 +1				
Model is in the burst area of a vehic	-1						
		INE GUNS AGAINST INFANTRY	- 1				
Medium machine gun	maon		+1				
Heavy machine gun			+2				
		TARGET ARMOUR					
Weapon		Target	1.1.1				
	Heavy tank	•	0				
Heavy gun	Medium tank	+1					
nouvy gui		Light tank, Armoured car, Half-track +2					
	Unarmoured veh	licle	+3				
	Heavy tank Medium tank		-1				
Medium gun	Light tank, Armo	+1					
	Unarmoured veh		+2				
	Heavy tank		-2				
Light gun	Medium tank	-1					
Light gun	Light tank, Armo	ured car, Half-track	0				
	Unarmoured veh		+1				
Soft skin		CHARACTERISTICS	+1				
Ronson, unprotected ammunition, e	vternal fuel tanks (if r	recent): crew damane	+1				
Open topped vehicle, penetration rol		nodonų, orow dainago	+1				
Magnetic mines vs. vehicles (no zim	imerit)		+1				
Stationary model with sight firing vs	. Infantry		+1				
PO	LITICAL)	OTIVATION TABLE (1d10)					
	J	e Commissar. Remove the unit.					
3-7 2 men killed	, repeat Morale Te	st immediately. If you fail roll again on this table with a -1.					
8-9 2 men killed. The men return to battle.							
10 Political Fana	aticism. All orders	considered as Assaults.					
No more Mo	rale Tests. Treat Pi	nned! results as NE.					
	1-4	NE.					
LIGHT FLAME-	5-7	2 crew are Pinned! + Steady Nerve Test					
THROWER DAMAGE	8-9	1 crew is Pinned! + 1 KIA + Steady Nerve Test					
	10	Catastrophe!					
	1-2	NF					
HEAVY FLAME-	3-5	2 crew are Pinned! + Steady Nerve Test					
THROWER DAMAGE	6-8	2 crew are Pinned! + 2 KIA + Steady Nerve Test					
· CONST. TO BOAT BY CROACELLED		,					
	9-10	Catastrophe!					

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BURST' T'EMPLATES

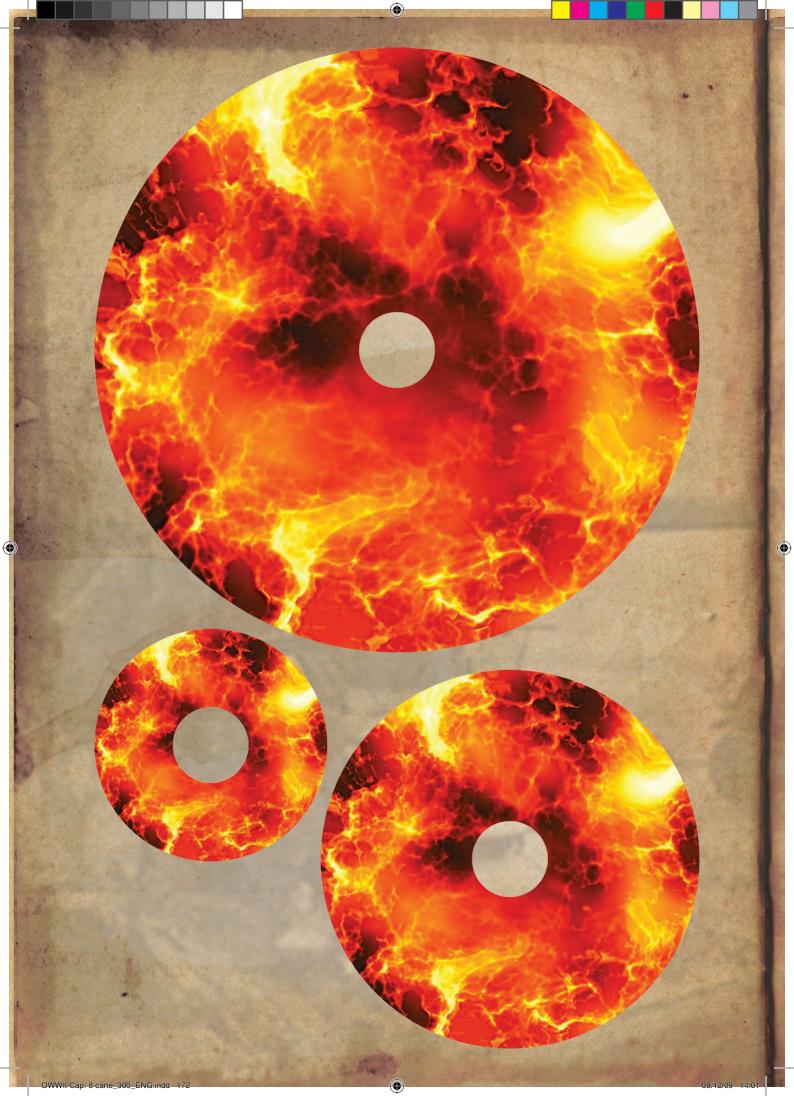
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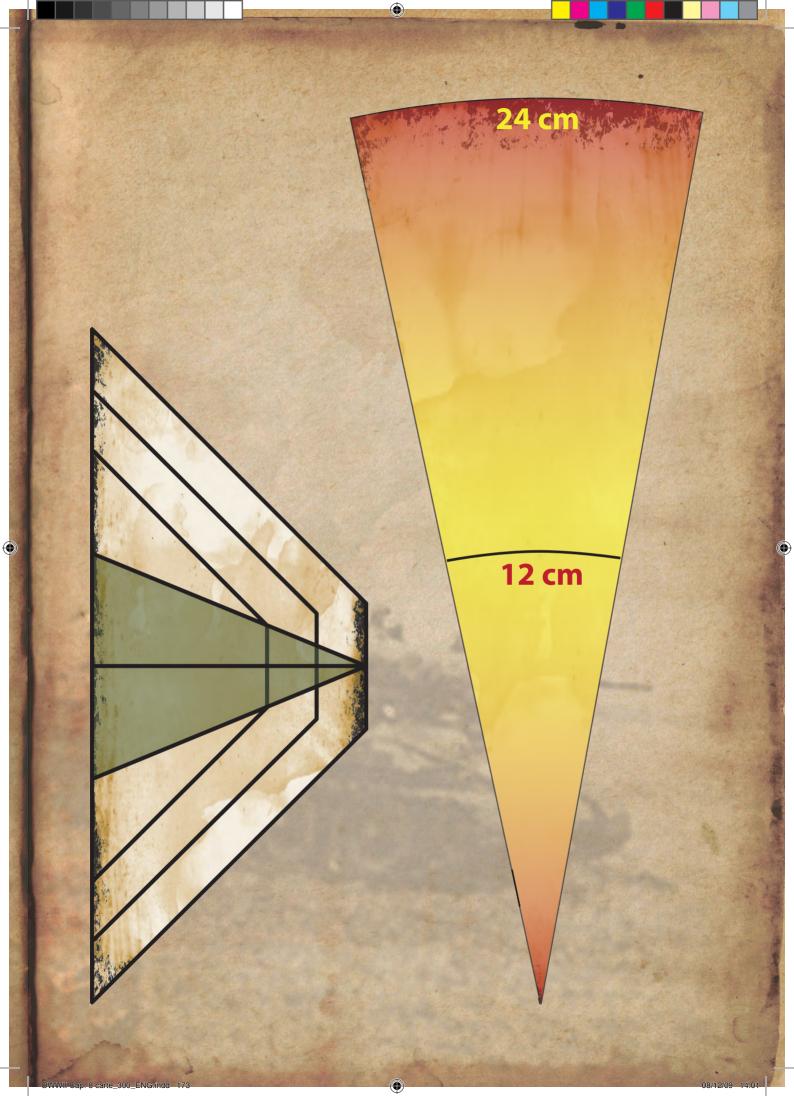


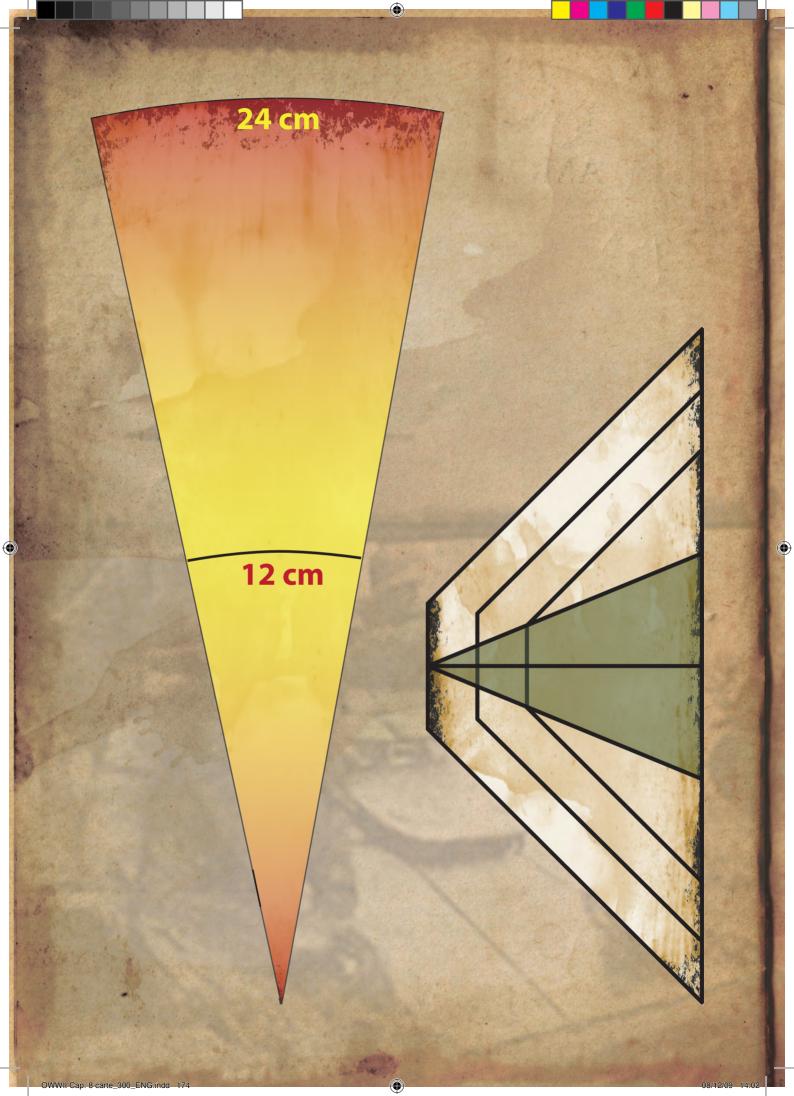




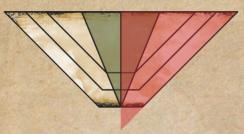








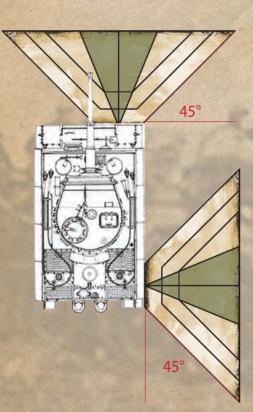
USING THE FIRING AND ARMOUR TEMPLATE



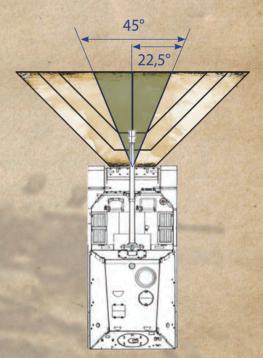
The red area shows 45°, and is mainly used to help you see which side of the target you hit.



The blue area measures a total of 45° and is mainly used for firing arcs. The central line divides the area into two equal areas of 22,5° each.



Used of the template to see which side you hit. The flat side helps you to line the template up with the tank.



The template can be used to measure firing arcs. The whole template measures 90°, half is 45° and the two coloured areas in the middle are 22,5° each.

