

MANEUVER TABLE

COMMAND RADIUS

12" clear line of sight

Attached to first unit in a contiguous line of march

6" line of sight through dense woods, twilight or fog, attached, or dismounted

DIE ROLL MODIFIERS

- +1 Gallant leader
- Able
- Poor -1
- +1 Attached leader or brave colonel
- -1 Provisional command
- -2 Out of command
- +2 Elite unit
- Veteran
- Trained 0
- **-1** Raw
- +2 Battery

- +2 Fresh troops
- 0 Worn
- -2 Spent
- garrison, limbered gun, or linear cover +1 Field or march column, square,
- +1 Indians in woods
- -1 Indians in the open
- -2 Outflanked within 12", or broken
- Key position lost
- -1 Heavy casualties
- -2 Greater losses

		Troops in Good Order and Guns Effects			
DIERESULT	8 or more	Double Quick. Well handled maneuver at the double quick rate.			
	3 - 7	Well Handled maneuver.			
	1, 2	Tardy maneuver.			
	0, -1	<i>Fall Back.</i> Troops retreat out of close range disordered. Guns in close range limber and full retreat silenced. Lose all unlimbered hy. carriage and fixed guns. Hold position and fire only if out of close range, in square, or fortified.			
	-2 or less	Panic. Troops retreat broken. Guns limber and full retreat silenced. Lose all unlimbered heavy carriage and fixed guns.			

		Disordered or Broken Troops Effects			
DIE RESULT	11 or more	Rally with Elan. Return to good order and well handled maneuver.			
	5 - 10	Rally. Return to good order and tardy maneuver.			
	3, 4	Shaken. Retreat out of close range. Hold position if out of close range or fortified. Return to good order.			
	1, 2	<i>Wavering.</i> Retreat out of close range. Hold position if out of close range, in square, or fortified. Broken troops reform. Remain disordered.			
	0 or less	Panic. Retreat broken. Lose 1 stand equal to the die result difference less than 0.			

PLAYER TURN SEQUENCE

Maneuver (1st) Phase

- 1. Replace, detach and attach leaders.
- 2. Repeat steps **a**, **b**, and **c** to resolve all maneuver checks:
 - a. Select participating units and leaders for one maneuver check and resolve the check.
 - b. Declare charges. Opponent declares cavalry counter charges. Declare hasty squares.
 - c. Maneuver units according to the effects. Form hasty squares and move charging and countercharging units first.
 - d. Move detached leaders.

Musketry & Cannonade (2nd) Phase

- Opponent resolves all defensive fire combat.
- Resolve all offensive fire

Charge (3rd) Phase

- **1.** Players jointly resolve all charge combat.
- Move breakthrough charge
- 3. Resolve all breakthrough charge combat.

N	TOVEMENT RATE Full Move / Double Quick	Open Ground	Broken Ground	Rough Ground	Road
	Line	16 / 22	12 / 18	10 / 14	-
ry	Open Order or Field Column	18 / 24	16 / 22	12 / 18	-
Infantry	March Column	18 / 24	16 / 22	12 / 18	28 / 36
Inf	Square	6/8	4/6	3 / 4	-
	Broken	24	22	18	36

	Full Move / Double Quick	Ground	Giodila	Ground	
	Line	16 / 22	12 / 18	10 / 14	-
ry	Open Order or Field Column	18 / 24	16 / 22	12 / 18	-
Infantry	March Column	18 / 24	16 / 22	12 / 18	28 / 36
Inf	Square	6/8	4/6	3 / 4	-
	Broken	24	22	18	36
	Line	28 / 36	18 / 24	6 / 10	-
[ry	Open Order or Field Column	28 / 36	22 / 30	10 / 12	-
Cavalry	March Column	28 / 36	22 / 30	10 / 12	36 / 48
Ü	Dismounted	18 / 24	16 / 22	12 / 18	-
	Broken	36	30	12	48
ery	Siege Gun: Heavy Carriage	10 / 12	6 / 10	4/6	18 / 28
Artille	Field Gun: Heavy Carriage	12 / 18	10 / 16	6 / 10	28 / 36
Ar	Field Gun: Light Carriage	18 / 24	12 / 18	6 / 10	28 / 36
Leader	Mounted	36	30	18	48
Lea	Dismounted	24	22	18	36

TROOP **MANEUVERS**

WELL HANDLED

Full move

Half move and

Change formation; Raw unit disordered by broken or rough ground

Passage of lines; Both units disordered if one is disordered, raw, or moved through broken or rough ground

March by the flank a half move

Change front

Face by the rear rank

Scale major obstacle

Replenish ammunition

TARDY

Half move

Full move disordered

Change formation to line, extended line, or garrison; Raw unit disordered by broken or rough ground

Face by the rear rank

Scale major obstacle

HASTY

Cavalry counter charge halfway

Infantry form hasty square; Raw unit disordered

GUN **MANEUVERS**

WELL HANDLED

Full move

Fire

Limber or unlimber

Pivot

Hand haul 3"

Rally

Replenish ammunition

Lt. carriage only:

Full move and unlimber Limber and full move

Unlimber and fire

Pivot and fire

TARDY

Full move

Limber or unlimber

Pivot

Lt. carriage only: Limber and full retreat silenced

HASTY

Silenced and crew takes shelter in square

GAME SCALE

Figures: 25mm 1 troop stand: 40 men 1 gun stand: 2 guns 1.5" ground: 25 yards 1 turn: 10-15 minutes

MUSKETRY & CANNONADE TABLE

MUSKETRY FIRE POINTS Close Range 6" 12" Rifle (R) Musket (M) Carbine (C) Shot, Shell & Rocket Close Range 6" 18" CANNONADE FIRE POINTS 54" 72" Siege Gun (SG) 5 3 2 1 Heavy Gun (HG) 2 Medium Gun (MG) 1 3 Light Gun (LG) 2 2 Howitzer (H) 60" 90" 120" Congrieve Rocket (CR) **2** (D4-10) **2** (D6-10) **2** (D8-10)

FIRE POINT MODIFIERS

Firing disordered, low on ammo, or damaged gun

DIE ROLL MODIFIERS

- -5 less than 1 fire point
- **-4** 1 pt.
- 2 pts.
- **-2** 3 pts.
- -1 4 pts.
- 0 6 pts.
- +1 9 pts.
- +2 12 pts. +3
- 15 pts.
- **+4** 20 pts.
- +5 25 or more points
- -1 Raw troops or guns firing
- +1 Muskets firing buck n' ball in charge, or marksmen
- Troop target in field column, broken, about faced, passage of lines, or marched
- **+2** March column, square, or enfiladed troops
- +1 Gun target is limbered or enfiladed
- Target in partial cover or open order
- **-2** Full cover, or open order in partial cover
- -3 Fortified position

	TARGET Elite Veteran Trained Raw		Raw	EFFECTS	ADDITIONAL EFFECTS		
	11 or more	11 or more	11 or more	11 or more	Withering Fire. Troops disordered and lose 2 stands. Charge checked. 1 gun stand wrecked and remaining stands silenced. Lose one additional troop or gun stand on a 15 or more.	Charge Checked. Retreat charging unit 3" from enemy. Cavalry may recall up to a full move.	
RESULT	- 10 7, 8, 9	10 9 7,8	9, 10 8 7	 Telling Fire. Troops disordered and lose 1 stand. 1 gun stand damaged and 1 stand silenced. 8, 9, 10 Charge checked. 7 Charge checked or charge home with cold steel Charge home. 		Charge Home. Resolve charge combat next phase. Massed Target. Units within 3" behind target suffer the next lower effect.	
DIER	6	6	5, 6	5, 6	Galling Fire. Troops disordered or lose 1 stand if already disordered. Charge home. 1 gun stand silenced.	Low on Ammo. On a base die result of 10, mark one gun stand or unit of troops firing half or more	
	-	5	4	3, 4	Lively Fire. From cannonade only, troops disordered or 1 gun stand silenced. Musketry no effect. Charge home.	stands. Fallen Leader check on a base die	
	5 or less	4 or less	3 or less	2 or less	Desultory Fire. No effect. Charge home.	result of 10. Effect applies to the closest leader within 6" of the target.	

9 or more

5 to 8

1 to 4

-9 or

CHARGE TABLE

DIE ROLL MODIFIERS

- +2 Elite unit
- +1 Veteran U
- Trained Raw -1
- +2 Fresh troops
- 0 Worn
- -2 Spent
- -1 Outnumbered by 3:2
- 2:1 -2
- 3:1 or more -3 +1
- Supported guns Unsupported guns
- Disordered troops
- or silenced gun
- Brave colonel or +1 leader attached

- Open order, hasty square, militia, indians, or no bayonets
 - Outflanked, broken, march column. or limbered guns
- Defending favorable ground
- Strong position +2 or fortified Cold steel.
- breakthrough, or indians in woods +2
- Cavalry charge over open ground
- Broken ground
- Rough ground, vs. square, or stationary

EFFECTS

Swept from the Field. DEFENDER lose 2 stands and additional stands equal to the die result difference over 9. Troops full retreat broken. Guns limber and full retreat silenced. Lose all fixed and heavy carriage guns. Check for Fallen Leader if attached.

ATTACKER breakthrough charge a half move at the double quick toward the closest enemy. Carry the position after 2nd combat. Disordered if charged over broken or rough ground, cavalry, or after 2nd combat.

Driven Back. DEFENDER lose 1 stand. Troops disoredered and retreat out of close range. Cavalry may recall up to a full move after 1st combat. Lose 1 additional stand and full retreat broken if defeated by cavalry, in square, or outflanked. Guns limber and full retreat silenced. Lose all fixed and heavy

ATTACKER carry the position. Cavalry breakthrough charge a half move at the double quick toward the closest enemy after the 1st combat. Disordered if charged over broken or rough ground, cavalry, or after 2nd combat.

Hard Pressed. DEFENDER troops disordered and guns silenced. Lose 1 troop stand if already disordered or damage 1 gun stand. Troops retreat 3" from enemy. Cavalry may recall up to a full move after 1st combat. Full retreat broken if outflanked. Guns limber and full retreat. Lose all fixed and heavy carriage guns. Hold position if fortified or in square, troops disordered and guns silenced

ATTACKER carry the position. Retreat 3" if the defender is fortified or in square. Cavalry may recall up to a full move after 1st combat. Disordered if charged over broken or rough ground, cavalry, or after 2nd combat.

Desperate Struggle. BOTH sides lose 1 stand, troops disordered, and guns silenced. Lose cold steel, breakthrough and cavalry charge modifiers. Adjust modifiers and roll again. 0

Falter. ATTACKER disordered or lose 1 stand if already disordered. Retreat 3" from enemy. Cavalry may recall up to a full move after 1st combat. Full retreat -1 to -4 broken if outflanked.

> DEFENDER hold position. Cavalry disordered. Countercharging cavalry may carry the position or recall up to a full move.

Recoil. ATTACKER lose 1 stand and disordered. Retreat out of close range. Cavalry may recall up to a full move after 1st combat. Lose 1 additional stand and full retreat broken if defeated by cavalry or outflanked. -5 to -8

carry the position or recall up to a full move.

carry the position or recall up to a full move. Repulsed. ATTACKER lose 2 stands and additional stands equal to die result difference over 9. Full retreat broken. Check for Fallen Leader if attached.

DEFENDER hold position. Cavalry disordered. Countercharging cavalry may

DEFENDER hold position. Cavalry disordered. Countercharging cavalry may

FALLEN LEADER TABLE

	10 9 8	Shot dead in the saddle Mortally wounded Grievously wounded Remove leader from game.
DIERESULI	7	Mere flesh wound Remove leader for one turn.
DIER	6	Horse shot out from under Leader dismounted for one turn.
	5 4 1-3	Coat pierced but unscathed Staff officer struck Coolly ignores the fire No effect.