

Turning Point: Stalingrad Quick Reference Chart

Unit	Exit Enemy Occupied Area (EOA)				Enter EOA	
	Continue Movement	To another EOA	Enemy Fresh	Enemy Spent	Spent Enemy	Fresh Enemy
Armor	Yes	Yes (1)	Yes	Yes	Yes	Yes
Inf/Others	No	No	Yes	Yes	Yes	Yes
AT	No	No	No (3)	Yes	Yes (2)	No
AA	No	No	No (3)	No (3)	No	No

(1) May not move directly to/from Area containing enemy Armour/AT/AA.
 (2) Must be accompanied by Armour/Infantry type with numerical attack factor.
 (3) May exit only by regrouping or retreat.

		Attack Type	Normal	Ranged	Arty/Air
OV	X	Highest Attack Factor	✓	✓	✓
	+1	Each extra attacking unit	✓	✓	
	+1	Each Regimental Integrity	✓	✓	
	-1	Each Different Parent Org.	✓	✓	
	+1	Stuka (German Daylight only)	✓	✓	
	+X	Russian Artillery	✓	✓	
DV	X	Highest Defence Factor	✓	✓	✓
	+x	TEM	✓	×2	✓
	+1/+2	Rubble	✓		
	+1	German Night Impulse	✓	✓	
	+1	Russian Day Impulse	✓	✓	
	+x	Russian Artillery	✓	✓	
	+1/+2	German S27-O31, N1-N14	✓	✓	

Combat Result				Movement Cost	
Result	Attacker	CP	Defender	Condition	MF Cost
Overrun	D1	1	Fresh to spent (D4)	Fresh enemy in Area	4*
AV > DV	D2	1	Spent to retreat (D4)	Spent enemy in Area	3*
AV = DV	D3	1	Spent to retreat (D4)	Fresh enemy adjacent	2
AV < DV	D4	2	Spent Elim	Vacant	1
Ranged att.	-1	3	Fresh Elim	Enter Rubble area	+1
Stuka	D1	Voluntary retreat: +1 level disruption		Attack Fresh enemy/ Rubble 2	2
Artillery	D4			Attack Spent enemy/ Rubble 1	1

Note: *Must Attack, MF Cost inclusive of first attack

Rubble Creation	Rubble Entry	Rubble Removal
Ranged attack & Arty/Air Bombardment: TEM + Attack DR ≥ 13 (Level 1 increases to Level 2)	Mechanized units need to make entry DR to enter. Failure ends movement.	OV: AF of Engineer +1 for each additional engineer -1 for each different Parent Unit
Fortifications: 1 engineer or 3 infantry. 0 MP cost but immediately ends turn/spent. TEM + dr ≥ 7	Rubble 1: DR ≤ 7 Rubble 2: DR ≤ 9	DV: 1 or 2 - Rubble Level +1 Enemy Controlled Area +1/+2 Spent/Fresh Enemy unit +x Russian Artillery
	Entrance DR: +1 Friendly Controlled +1/+2 No Spent/Fresh enemy unit	3 CP or part thereof: remove 1 rubble level
	Failure of entry during retreat elim unit at 1 CP.	

Crossing Table (3 units per night impulse; all in 1 area)								
DR	≤11	12	13	14	15	16	17	≥18
Disruption	-	D1	D2	D1	D2	D3	D4	Unit Elim
Landing	Land on West Bank			Return to East Bank				
Mamayev Kurgen (Area 56)	+1/+2 German Contest/Control A56 +1 German have observer in A56							
River Bank	+1/+2 German Contest/Control at least 1 river bank*							
Proximity to Landing	+1/+2 German Contest/Control 1 adjacent river bank* +2 German Control 1 and contest other adjacent river bank* +3 German Control both adjacent river bank*							
Date	-1: October			-2: November				

Note:
 * Zones not included.
 Disrupted units are returned to East Bank if landing in contested area.

Probabilities for DR Difference							
DR Difference, x	-10	-9	-8	-7	-6	-5	-4
P(X=x), %	0.1	0.3	0.8	1.5	2.7	4.3	6.2
P(X≤x), %	0.1	0.4	1.2	2.7	5.4	9.7	15.9
x	-3	-2	-1	0	1	2	3
P(X=x), %	8.0	9.7	10.8	11.3	10.8	9.7	8.0
P(X≤x), %	23.9	33.6	44.4	55.6	66.4	76.1	84.1
x	4	5	6	7	8	9	10
P(X=x), %	6.2	4.3	2.7	1.5	0.8	0.3	0.1
P(X≤x), %	90.3	94.6	97.3	98.8	99.6	99.9	100.0