

Appendix E

Smoke Support Sustainment Planning Tables

The tables in this appendix provide smoke pot spacing guidance and ammunition and fuel consumption data. Use the tables to determine ammunition or fuel

sustainment requirements for smoke missions.

Base your ammunition consumption planning on target size and smoke duration. Base fuel consumption

planning on smoke unit structure, smoke duration, and fuel delivery packaging.

Smoke Pot Consumption

Table 24 is the spacing guide for smoke pots. When using Table 23 to determine actual spacing requirements, round up all answers

(decimals) to the next larger whole number.

Table 25, below and on the facing page, is the smoke pot consumption guide. To use this table, you must

know the length of the target area in meters and the spacing between pots in meters, plus how long the target must be smoked.

Table 24. Smoke pot spacing guide.

Wind Speed		Temp Gradient	Terrain	Spacing (Meters)		Meters to Target
Kmph	Knots			Haze	Blanket	
1-14	1-7	All	Open or Water	50	25	250
		Stable	Wooded	60	30	300
		Unstable or Neutral		70	35	350
15-25	8-13	All	Open or Water	40	20	200
			Wooded	50	25	250
26-32	14-17	All	Open or Water	30	15	150
			Wooded	40	20	200

Table 25. Smoke pot consumption guide. (Part 1 of 2)

Number of Smoke Pots Needed To Produce Smoke for a Mission												
Spacing \ Line Length	15m			20m			25m			30m		
	100m	500m	1,000m	100m	500m	1,000m	100m	500m	1,000m	100m	500m	1,000m
15 min	12	51	102	9	13	77	8	32	62	6	27	51
30 min	24	102	204	18	78	153	15	63	123	12	48	102
1 hr	48	204	612	36	156	306	30	126	246	24	108	204
3 hr	144	612	1,224	108	468	918	90	378	738	72	324	612

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