

USMC HELICOPTER DIRECT FIRE CHART

Unit	Ammo	ROF	Range Effectiveness														Ammo Supply	
			Range in hexes															
			0	1	2	3	4	6	8	10	12	14	16	18	20	22		
AH-1Z ⊕ AH-1W ⊕	TOW-2	2	—	8:23	8:23	8:23	8:23	8:23	8:23	8:23	8:23	8:23	8:23	—	—	—	—	2p
	HEAT	5	6:12	8:12	7:12	6:12	5:12	4:12	3:12	2:12	1:12	—	—	—	—	—	—	5r
	HE	5	3	7	7	7	7	6	5	4	3	2	—	—	—	—	—	5r
	APERS	5	10	20	20	20	20	20	10	10	—	—	—	—	—	—	—	6
	SCAP*	6	6:7	8:6	6:6	5:5	4:4	2:3	1:2	—	—	—	—	—	—	—	—	6
	SCHE*	6	2	3	3	3	3	2	2	1	1	—	—	—	—	—	—	2p
	STINGER†	2	—	—	5:6	5:6	5:6	4:6	4:6	4:6	4:6	4:6	3:6	3:6	—	—	2p	
UH-1Y ⊕	APERS	5	10	20	20	20	20	20	10	—	—	—	—	—	—	—	5	
	SCAP*	6	6:7	8:6	6:6	5:5	4:4	2:3	1:2	—	—	—	—	—	—	—	6	
CH-53E CH-46	SA	2	5	5	3	1	—	—	—	—	—	—	—	—	—	—	8	

- ⊕ Stabilized Weapon System
- ⊕ Thermal Imaging Stabilized Weapon System
- ⊕ Thermal Imaging/CITV Stabilized Weapon System
- ⊕ Laser Designating System
- ⊕ Thermal Imaging Laser Designating System
- ⊕ Thermal Imaging Laser Ranging Stabilized Weapon System
- ⊕ Thermal Imaging/CITV Laser Ranging Stabilized Weapon System
- ⊕ Thermal Imaging Laser Ranging Weapon System
- ⊕ Thermal Imaging LONGBOW Laser Designating System
- ⊕ Thermal Imaging System