

**Soviet Helicopter Direct Fire Data Chart**

| Unit               | Ammo     | ROF | Range Effectiveness |      |      |      |      |      |      |      |      |      |      |      |      |      |     |    | Ammo Supply | ERA Mod. |
|--------------------|----------|-----|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|----|-------------|----------|
|                    |          |     | Range in hexes      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |    |             |          |
|                    |          |     | 0                   | 1    | 2    | 3    | 4    | 6    | 8    | 10   | 12   | 14   | 16   | 18   | 20   | 22   |     |    |             |          |
| Hind-D<br>Mi-24 D  | AA-8 †   | 2   | —                   | —    | 5:6  | 5:6  | 5:6  | 5:6  | 5:6  | 5:6  | 4:6  | 4:6  | 3:6  | 2:6  | 2:6  | 2:6  | 2p  | —  |             |          |
|                    | AT-2C    | 2   | —                   | —    | —    | 6:13 | 6:13 | 6:13 | 6:13 | 6:13 | 6:13 | 6:13 | —    | —    | —    | —    | 2   | —  |             |          |
|                    | S-5      | 5   | 10                  | 20   | 20   | 20   | 20   | 20   | 10   | —    | —    | —    | —    | —    | —    | —    | 10r | —  |             |          |
|                    | UGBU     | All | —                   | 15   | 15   | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 1p  | —  |             |          |
|                    | SCAP*    | 4   | 6:7                 | 8:6  | 6:6  | 5:5  | 4:5  | 2:3  | —    | —    | —    | —    | —    | —    | —    | —    | 4p  | —  |             |          |
|                    | SCHE*    | 4   | 3                   | 5    | 5    | 5    | 4    | 3    | —    | —    | —    | —    | —    | —    | —    | —    | —   | —  |             |          |
|                    | SCAP*    | 3   | 6:5                 | 8:5  | 6:5  | 4:4  | 2:3  | 1:2  | —    | —    | —    | —    | —    | —    | —    | —    | 6   | —  |             |          |
|                    | SA       | 3   | 4                   | 5    | 5    | 4    | 3    | 2    | —    | —    | —    | —    | —    | —    | —    | —    | —   | —  |             |          |
| Hind-E<br>(Mi-24V) | AA-8 †   | 2   | —                   | —    | 5:6  | 5:6  | 5:6  | 5:6  | 5:6  | 5:6  | 4:6  | 4:6  | 3:6  | 2:6  | 2:6  | 2:6  | 2p  | —  |             |          |
|                    | AT-9*    | 2   | 8:24                | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 2   | -4 |             |          |
|                    | S-5      | 5   | 10                  | 20   | 20   | 20   | 20   | 20   | 10   | —    | —    | —    | —    | —    | —    | —    | 10r | —  |             |          |
|                    | UGBU     | All | —                   | 15   | 15   | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 1p  | —  |             |          |
|                    | SCAP*    | 5   | 6:10                | 8:10 | 7:9  | 6:8  | 5:7  | 4:6  | 3:5  | 2:4  | 1:3  | —    | —    | —    | —    | —    | 3p  | —  |             |          |
|                    | SCHE*    | 5   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | —    | —    | —    | —   | —  |             |          |
|                    | SCAP*    | 3   | 6:5                 | 8:5  | 6:5  | 4:4  | 2:3  | 1:2  | —    | —    | —    | —    | —    | —    | —    | —    | 6   | —  |             |          |
|                    | SA       | 3   | 4                   | 5    | 5    | 4    | 3    | 2    | —    | —    | —    | —    | —    | —    | —    | —    | —   | —  |             |          |
| Hind-F<br>(Mi-24P) | AA-8 †   | 2   | —                   | —    | 5:6  | 5:6  | 5:6  | 5:6  | 5:6  | 5:6  | 4:6  | 4:6  | 3:6  | 2:6  | 2:6  | 2:6  | 2p  | —  |             |          |
|                    | AT-9*    | 2   | 8:24                | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 2   | -4 |             |          |
|                    | SCAP*    | 5   | 6:10                | 8:10 | 7:9  | 6:8  | 5:7  | 4:6  | 3:5  | 2:4  | 1:3  | —    | —    | —    | —    | —    | 4   | —  |             |          |
|                    | SCHE*    | 5   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | —    | —    | —    | —   | —  |             |          |
|                    | SCAP*    | 5   | 6:10                | 8:10 | 7:9  | 6:8  | 5:7  | 4:6  | 3:5  | 2:4  | 1:3  | —    | —    | —    | —    | —    | 3p  | —  |             |          |
|                    | SCHE*    | 5   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | —    | —    | —    | —   | —  |             |          |
|                    | S-5      | 5   | 10                  | 20   | 20   | 20   | 20   | 20   | 10   | —    | —    | —    | —    | —    | —    | —    | 10r | —  |             |          |
|                    | UGBU     | All | —                   | 15   | 15   | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 1p   | —   |    |             |          |
| Mi-24A             | AA-8 †   | 2   | —                   | —    | 5:6  | 5:6  | 5:6  | 5:6  | 5:6  | 5:6  | 4:6  | 4:6  | 3:6  | 2:6  | 2:6  | 2:6  | 2p  | —  |             |          |
|                    | AT-2C    | 2   | —                   | —    | —    | 6:13 | 6:13 | 6:13 | 6:13 | 6:13 | 6:13 | 6:13 | —    | —    | —    | —    | 2   | —  |             |          |
|                    | S-5      | 5   | 10                  | 20   | 20   | 20   | 20   | 20   | 10   | —    | —    | —    | —    | —    | —    | —    | 10r | —  |             |          |
|                    | UGBU     | All | —                   | 15   | 15   | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 1p  | —  |             |          |
|                    | SCAP*    | 4   | 6:7                 | 8:6  | 6:6  | 5:5  | 4:5  | 2:3  | 1:2  | —    | —    | —    | —    | —    | —    | —    | 4p  | —  |             |          |
|                    | SCHE*    | 4   | 3                   | 5    | 5    | 5    | 4    | 3    | 2    | —    | —    | —    | —    | —    | —    | —    | —   | —  |             |          |
|                    | SCAP*    | 3   | 4:5                 | 8:5  | 6:5  | 4:4  | 2:3  | 1:2  | —    | —    | —    | —    | —    | —    | —    | —    | 6   | —  |             |          |
|                    | SA       | 3   | 3                   | 5    | 5    | 4    | 3    | 2    | —    | —    | —    | —    | —    | —    | —    | —    | —   | —  |             |          |
| Mi-2               | SCHE*    | 4   | 4                   | 7    | 7    | 6    | 5    | 3    | 2    | —    | —    | —    | —    | —    | —    | —    | 2   | —  |             |          |
|                    | SA       | 2   | 3                   | 5    | 5    | 4    | 3    | 1    | —    | —    | —    | —    | —    | —    | —    | —    | 4   | —  |             |          |
| Mi-8C              | S-5      | 5   | 10                  | 20   | 20   | 20   | 20   | 20   | 10   | —    | —    | —    | —    | —    | —    | —    | 10  | —  |             |          |
|                    | SA       | 2   | 3                   | 5    | 5    | 4    | 3    | 1    | —    | —    | —    | —    | —    | —    | —    | —    | 12  | —  |             |          |
| Mi-8D<br>(Hip E)   | AT-2C    | 2   | —                   | —    | —    | 6:13 | 6:13 | 6:13 | 6:13 | 6:13 | 6:13 | 6:13 | —    | —    | —    | —    | 2p  | —  |             |          |
|                    | AT-3M    | 2   | —                   | —    | —    | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | —    | —    | —    | —    | 2p  | -1 |             |          |
|                    | S-5      | 5   | 10                  | 20   | 20   | 20   | 20   | 20   | 10   | —    | —    | —    | —    | —    | —    | —    | 10r | —  |             |          |
|                    | UGBU     | All | —                   | 15   | 15   | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 1p  | —  |             |          |
|                    | SCAP     | 3   | 4:5                 | 8:5  | 6:5  | 4:4  | 2:3  | 1:2  | —    | —    | —    | —    | —    | —    | —    | —    | 10  | —  |             |          |
|                    | SCHE     | 2   | 3                   | 5    | 5    | 4    | 3    | 1    | —    | —    | —    | —    | —    | —    | —    | —    | —   | —  |             |          |
| Mi-2U              | AT-3M    | 1   | —                   | —    | —    | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | —    | —    | —    | —    | 2p  | —  |             |          |
|                    | S-5      | 5   | 10                  | 20   | 20   | 20   | 20   | 20   | 10   | —    | —    | —    | —    | —    | —    | —    | 5r  | —  |             |          |
|                    | SCAP*    | 4   | 6:7                 | 8:6  | 6:6  | 5:5  | 4:5  | 2:3  | —    | —    | —    | —    | —    | —    | —    | —    | 5p  | —  |             |          |
|                    | SCHE*    | 4   | 3                   | 5    | 5    | 5    | 4    | 3    | —    | —    | —    | —    | —    | —    | —    | —    | —   | —  |             |          |
| Ka-50              | Vikhr*   | 2   | —                   | 8:25 | 8:25 | 8:25 | 8:25 | 8:25 | 8:25 | 8:25 | 8:25 | 8:25 | 8:25 | 8:25 | 8:25 | 8:25 | 2p  | -6 |             |          |
|                    | HEAT*    | 5   | 6:12                | 8:12 | 7:12 | 6:12 | 5:12 | 4:12 | 3:12 | 2:12 | 1:12 | —    | —    | —    | —    | —    | 5p  | —  |             |          |
|                    | HE       | 5   | 3                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | —    | —    | —    | —   | —  |             |          |
|                    | SCAP**   | 8   | 6:10                | 8:10 | 7:9  | 6:8  | 5:7  | 4:6  | 3:5  | 2:4  | 1:3  | —    | —    | —    | —    | —    | 7   | —  |             |          |
|                    | SCHE**   | 8   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | —    | —    | —    | —   | —  |             |          |
|                    | APERS    | 5   | 10                  | 20   | 20   | 20   | 20   | 20   | 10   | —    | —    | —    | —    | —    | —    | —    | 2p  | —  |             |          |
| Ka-52              | Igla †   | 2   | —                   | —    | 5:8  | 5:8  | 5:8  | 5:8  | 4:8  | 4:8  | 4:8  | 3:8  | 2:8  | 2:8  | 1:8  | —    | 2p  | —  |             |          |
|                    | HEAT*    | 5   | 6:12                | 8:12 | 7:12 | 6:12 | 5:12 | 4:12 | 3:12 | 2:12 | 1:12 | —    | —    | —    | —    | —    | 6p  | —  |             |          |
|                    | HE       | 5   | 3                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | —    | —    | —    | —   | —  |             |          |
|                    | SCAP**   | 8   | 6:10                | 8:10 | 7:9  | 6:8  | 5:7  | 4:6  | 3:5  | 2:4  | 1:3  | —    | —    | —    | —    | —    | 7   | —  |             |          |
|                    | SCHE     | 8   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | 2p   | —    | —    | —   | —  |             |          |
| Mi-28N             | Igla †   | 2   | —                   | —    | 5:8  | 5:8  | 5:8  | 5:8  | 4:8  | 4:8  | 4:8  | 3:8  | 2:8  | 2:8  | 1:8  | —    | 2p  | —  |             |          |
|                    | AT-9 *   | 2   | 8:24                | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 8:24 | 2p  | -4 |             |          |
|                    | AT-9 HE* | 2   | —                   | —    | —    | —    | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 2p  | -4 |             |          |
|                    | HEAT*    | 5   | 6:12                | 8:12 | 7:12 | 6:12 | 5:12 | 4:12 | 3:12 | 2:12 | 1:12 | —    | —    | —    | —    | —    | 5p  | —  |             |          |
|                    | HE       | 5   | 3                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | —    | —    | —    | —   | —  |             |          |
|                    | SCAP**   | 8   | 6:10                | 8:10 | 7:9  | 6:8  | 5:7  | 4:6  | 3:5  | 2:4  | 1:3  | —    | —    | —    | —    | —    | 4   | —  |             |          |
|                    | SCHE**   | 8   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | —    | —    | —    | —   | —  |             |          |
| Ka-29              | APERS    | 5   | 10                  | 20   | 20   | 20   | 20   | 20   | 10   | —    | —    | —    | —    | —    | —    | —    | 5p  | —  |             |          |
|                    | AA11 †   | 2   | —                   | —    | 4:8  | 4:8  | 4:8  | 4:8  | 4:8  | 4:8  | 3:8  | 3:8  | 3:8  | 2:8  | 2:8  | 2:8  | 2p  | —  |             |          |
|                    | SCAP**   | 8   | 6:10                | 8:10 | 7:9  | 6:8  | 5:7  | 4:6  | 3:5  | 2:4  | 1:3  | —    | —    | —    | —    | —    | 8   | —  |             |          |
|                    | SCHE**   | 8   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | —    | —    | —    | 5p  | —  |             |          |
|                    | SA       | 2   | 3                   | 5    | 5    | 3    | 1    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 8   | —  |             |          |

➡ AT-6B max range is 24 hexes (6 km)  
 AT-9 max range is 24 hexes (6 km)  
 Vikhr max range is 32 hexes (8 km)  
 AA-11 max range is 120 hexes (30 km)  
 AA-8 max range is 32 hexes (8 km)

All Mi-24 have 3 weapon stations  
 Mi-28N has 2 weapon stations  
 Mi-8D has 3 weapon stations  
 Ka-50/52 has 3 weapon stations  
 Mi-2U has 1 weapon station