**MI 24 Russian Hind Specs**

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| **Role** | Assault, gunship, antitank |
| **Similar Aircraft** | AH-1 Cobra (all models), UH-60 Black Hawk, AH-64 Apache, Mangusta A129 |
| **Blades** | Main rotor: 5 Tail rotor: 3 |
| **Rotor diameter** | Main Rotor : 17.3 meters Tail Rotor: 3.9 meters |
| **Wing span** | 6.5 meters |
| **Length** | Length : 21.6 m (rotors turning) Length : 17.5 m (fuselage) |
| **Height** | 13 ft., 11 in. 6.5 meters (gear extended) |
| **Cargo Compartment Dimensions** | Floor Length: 2.5 meters Width: 1.5 meters Height: 1.2 meters |
| **Weight** | Maximum Gross: 11,500 kg Normal Takeoff: 11,100 kg Empty: 8,500 kg |
| **Fuel** | Internal: 1,840 liters Internal Aux Tank (in cabin): 1,227 liters External Fuel Tank: 500 liters ea. |
| **Engine** | 2 x 2,200 shp Isotov TV-3-117 turbines |
| **Maximum speed** | 168 mph / 335 km/h |
| **Cruising speed** | 295 km/h |
| **Range** | Normal Load: 450 km With Aux Fuel: 950 km |
| **Service Ceiling** | 4,500 meters |
| **Hover** | out of ground effect: 1,500 meters in ground effect : 2,200 meters |
| **Vertical Climb Rate** | 15 m/s |
| **Max �G� Force** | 1.75 g |
| **Standard Payload** | Internal load: 8 combat troops or 4 litters External weapons load: 1,500 kg External load (no weapons): 2,500 kg |
| **Armament** | 12.7-mm 4x Barrel Machinegun, YaKB-12.7: Range (m): (practical) 1,500 Elevation/Traverse: 20� up to 60� down/ 120� Ammo Type: HEFI, APT, Duplex, DuplexT Rate of Fire (rpm): up to 4,500 (pilot selectable)  30-mm Twin Barrel Cannon, GSh-30K: Range (m): (practical) 4,000 Elevation/Traverse: None (rigidly mounted) Ammo Type: HEFI, HEI, APT, APE, CC Rate of Fire (rpm): 300, or 2,000 to 2,600   750 - 1x twin 30-mm gun, or   1,470 - 12.7-mm 4 barrel turret gun   2-12 - AT-2C or AT-6C Spiral ATGMs   2-4 - 80-mm S-8 rocket pods (20 ea.)   2-4 - 57-mm S-5 rocket pods (32 ea.)   940 - GSh-23L twin 23-mm MG pods   4 - 250-kg bombs FAB-250   2 - 500-kg bombs   500 liters External fuel tanks  Most Probable Armament   HIND D: Turret-mounted 4-barrel 12.7-mm Gatling type machinegun, 57-mm rockets, AT-2C/ SWATTER ATGMs.   HIND E: Turret-mounted 4-barrel 12.7-mm Gatling type machinegun or twin barrel 23-mm turret gun, 57-mm rockets, AT-6C/ SPIRAL ATGMs.   HIND F: Fixed 30-mm twin gun on the right fuselage side, 57-mm rockets, AT-6C/ SPIRAL ATGMs.  Loaded combat troops can fire personal weapons through cabin windows. |
| **Sensors** | FLIR, RWR, laser designator |
| **AVIONICS** |  The ATGM targeting system uses a low-level light TV, a laser designator, FLIR, air data sensor, and a missile guidance transmitter.   HIND D versions are primarily daytime aircraft only. Some HIND E and Mi-35 series export versions have upgraded night and weather capabilities, better avionics, weather radar, autopilot, HUD, GPS, NVG compatibility, more armor, and an increased weapons load provided by the French company Sextant Avionique. |
| **Survivability** |  Main and tail rotors electrically deiced.   Infrared signature suppressors can be mounted on engine exhausts.   Radar warning receivers, IFF, Infrared jammer, rotor brake, chaff and flares.   Armored cockpit. |
| **Crew** | Two (pilots in tandem cockpits) |

DUBICATE FILE (Without Table)

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Normal Takeoff: 11,100 kg  
Empty: 8,500 kg

**Fuel** Internal: 1,840 liters  
Internal Aux Tank (in cabin): 1,227 liters  
External Fuel Tank: 500 liters ea.

**Engine** 2 x 2,200 shp Isotov TV-3-117 turbines

**Maximum speed** 168 mph / 335 km/h

**Cruising speed** 295 km/h

**Range** Normal Load: 450 km  
With Aux Fuel: 950 km

**Service Ceiling** 4,500 meters

**Hover**  out of ground effect: 1,500 meters  
in ground effect : 2,200 meters

**Vertical Climb Rate**  15 m/s

**Max �G� Force**  1.75 g

**Standard Payload** Internal load: 8 combat troops or 4 litters  
External weapons load: 1,500 kg  
External load (no weapons): 2,500 kg

**Armament** 12.7-mm 4x Barrel Machinegun, YaKB-12.7:  
Range (m): (practical) 1,500  
Elevation/Traverse: 20� up to 60� down/ 120�  
Ammo Type: HEFI, APT, Duplex, DuplexT  
Rate of Fire (rpm): up to 4,500 (pilot selectable)

30-mm Twin Barrel Cannon, GSh-30K:  
Range (m): (practical) 4,000  
Elevation/Traverse: None (rigidly mounted)  
Ammo Type: HEFI, HEI, APT, APE, CC  
Rate of Fire (rpm): 300, or 2,000 to 2,600

 750 - 1x twin 30-mm gun, or

 1,470 - 12.7-mm 4 barrel turret gun

 2-12 - AT-2C or AT-6C Spiral ATGMs

 2-4 - 80-mm S-8 rocket pods (20 ea.)

 2-4 - 57-mm S-5 rocket pods (32 ea.)

 940 - GSh-23L twin 23-mm MG pods

 4 - 250-kg bombs FAB-250

 2 - 500-kg bombs

 500 liters External fuel tanks

Most Probable Armament

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 HIND F: Fixed 30-mm twin gun on the right fuselage side, 57-mm rockets, AT-6C/ SPIRAL ATGMs.

Loaded combat troops can fire personal weapons through cabin windows.

**Sensors** FLIR, RWR, laser designator

**AVIONICS**  The ATGM targeting system uses a low-level light TV, a laser designator, FLIR, air data sensor, and a missile guidance transmitter.

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 Armored cockpit.

**Crew** Two (pilots in tandem cockpits)