

AIRBORNE OPERATIONS

Mi-17 (Mi-171, Mi-8MTV/AMT) Specifications Sheet

Mi-17 (NATO designation: Hip) is a twin-turbine transport helicopter powered by two Klimov TV3-117VM turboshaft engines. It is an export version of the Mi-8MT series. It is specifically designed for improved capabilities at high altitudes and in hot weather conditions.

It is one of the most prolific utility helicopters ever built and is currently operated in over 80 countries around the world. Several variants of the basic production model are currently in production at two factories in Kazan and Ulan-Ude, Russia:

Mi-8MTV (export designation Mi-17-1V): Hot and High version, powered by two Klimov TV3-117VM high-altitude turboshaft engines. It is produced at the Kazan plant. This type has a maximum ceiling of 6,000 m.

Mi-8AMT (export designation Mi-171): A modified version of Kazan's Mi-8MTV, built in Ulan-Ude since 1991. It can be equipped with TV3-117VM or more powerful VK-2500 engines.

Performance Specifications	Imperial	Metric
Maximum Takeoff Weights	28,660 lbs	13,000 kg
Maximum External Load	8,820 lbs	4,000 kg
Internal Useful Load	8,820 lbs	4,000 kg
Range (Max Fuel)	329 nmi	610 km
Range (Max Fuel & Aux Tanks)	626 nmi	1,160 km
Fuel Capacity	687 gallons	2,600 liters
Fuel Capacity (w/ Aux Tanks)	1,162	4,400 liters
Fuel Consumption	225 gallons/hour	850 liters/hour
Maximum Speed	135 knots	250 km/hour
Cruise Speed	124 knots	230 km/hour
Service Ceiling	19,685 ft	6,000 m
Dimensions		
Rotor Diameter	70 ft	21.3 m
Length with Rotors Operating	83 ft	25.2 m
Fuselage Length x Width x Height	60 x 14.7 x 16 ft	18.4 x 4.5 x 4.9 m
Internal Cabin Length x Width x Height	17.5 x 7.7 x 5.9 ft	5.3 x 2.3 x 1.8
Crew/Seating Capacity	3/26	
Engines		
2 x Klimov TV3-117VM		
Takeoff Power Available	2 x 2,000 h.p.	
Single Engine Limit	2,200 h.p.	
Contingency Power	2 x 2,200 h.p.	

Disclaimer: Information presented herein is indicative in nature and should not be relied upon. Specifications presented are typical for the aircraft model referenced above. Actual specifications may vary depending on mission requirements.