



Mi-2

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MULTIPURPOSE Mi-2 HELICOPTER

The Mi-2 helicopter is a comfortable means of air transport over medium distances. It can safely land and take off using small flat areas and confined landing sites. With its ability of sustained hover, it passes complete freedom of landing site selection.

The Mi-2 helicopter is an all-metal structure, of the conventional single main rotor and tail rotor design, powered with two GTD-350 turboshafts of a combined power of 800 shp at 45 000 r.p.m. of compressor speed. The maximum airspeed of the helicopter is 210 km/h with a service ceiling of 4000 metres. The helicopter can climb to 1000 metres within a time of 2 minutes.

The cabin of the Mi-2 helicopter, comfortable and aesthetically pleasing, ensures good travelling conditions for an interesting and tireless journey for eight passengers with hand luggage. Flight range, using two externally mounted auxiliary fuel tanks of 238 litres each, is 580 km. Using a number of standard equipment kits, the basic helicopter can be quickly converted, even under field conditions, to any of its roles and versions — for agriculture, search and rescue, or transport service.

The Mi-2 helicopter has found an extensive application in agricultural services, in the various cultivation, fertilization, and plant protection measures of the modern agriculture. With the special optional equipment installed, the helicopter is used for aerial application (dusting as well as spraying) of various chemical agents giving invaluable service in increasing crop yields by ensuring highly accurate application of fertilizers or quick and effective elimination of pests. The total capacity of the hoppers (which can carry solid as well as liquid chemicals) is 1200 litres.

The helicopter is especially useful in bringing fast medical aid for endangered human life. The Mi-2 in its ambulance/medevac version can be equipped to carry up to 4 patients (including two stretcher cases) under medical attendance. The Mi-2 helicopter will reach the sick and needy fast, even in areas where no other vehicle can come, ensuring quick help in situations where time is of the utmost importance.

BASIC SPECIFICATIONS

PERFORMANCE

Max. level speed	210 km/h
Cruising speed	190 km/h
Service ceiling	4000 m
Range with aux. fuel	580 km
Flight endurance in aerial application (with 5% fuel reserve):	
— dusting	50 min
— spraying	40 min

AREAS

Main rotor disc area	166.5 m ²
Stabiliser area	0.7 m ²

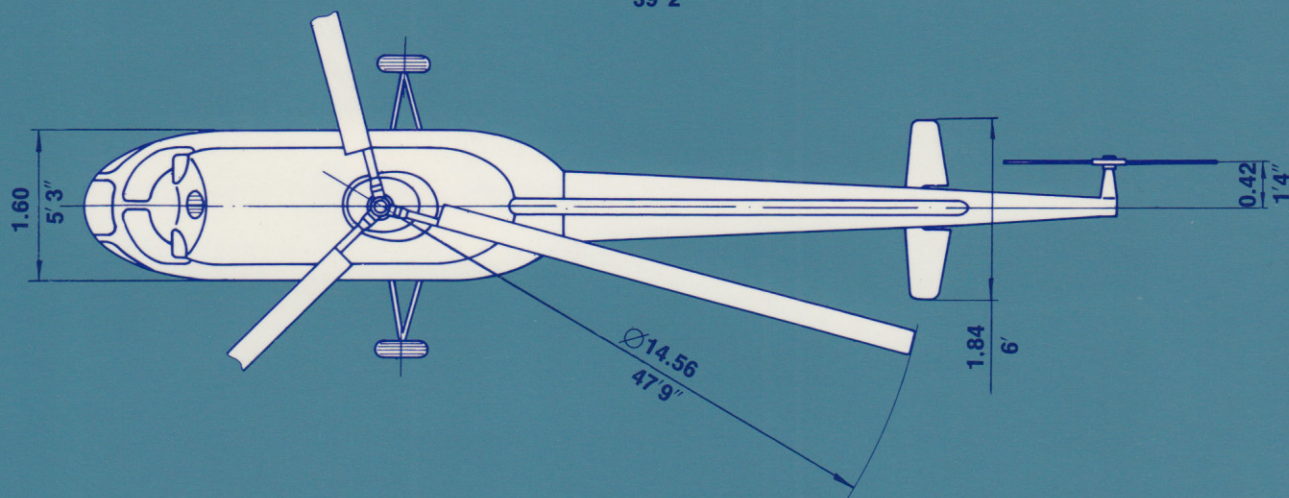
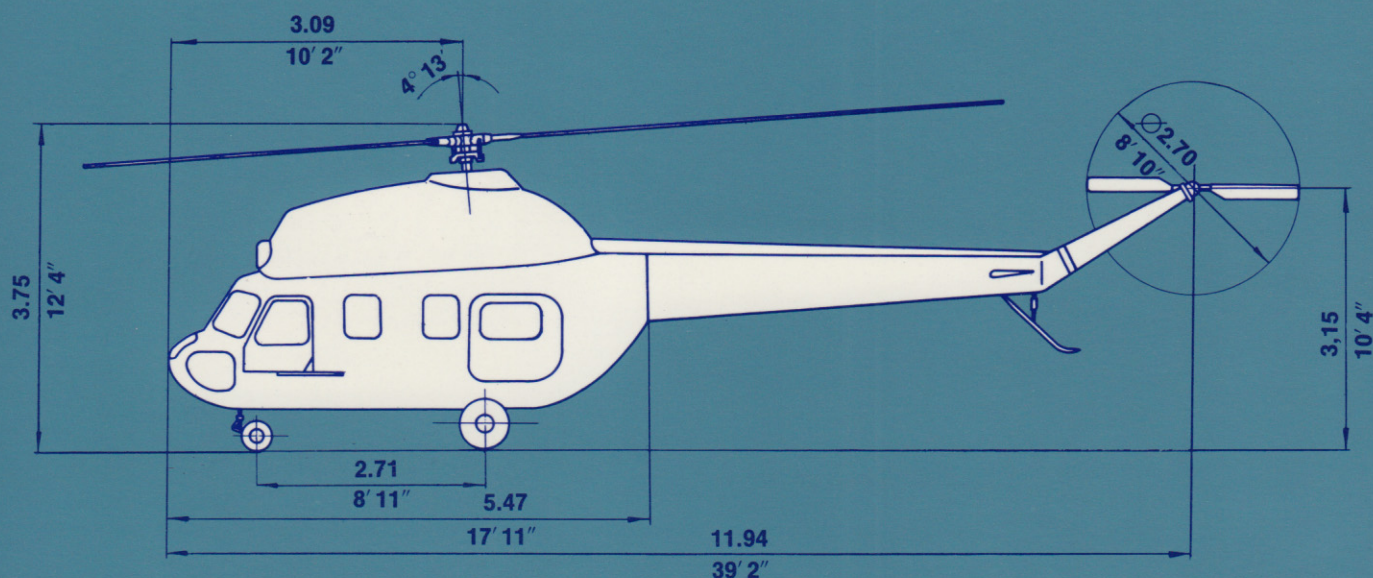
WEIGHTS

Empty weight, version equipped:	
— passenger version	2402 kg
— transport version	2372 kg
— ambulance/medevac version	2372 kg
— agricultural version	2560 kg
Max. take-off weight	3550 kg

TANK AND HOPPER CAPACITIES AND EXTERNAL LOAD

Main fuel tank capacity	600 l
Auxiliary fuel tank capacity	2 × 238 l
Hopper capacity (usable)	2 × 500 l
Max. external (underslung) load	800 kg

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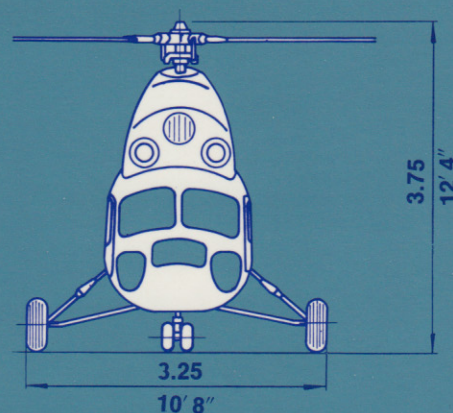
DIMENSIONS ARE GIVEN IN METRES AND FEET

EXTERNAL DIMENSIONS

Main rotor diameter	14.56 m
Length overall, rotors running	17.48 m
Length of helicopter without blades	11.94 m
Height, no tail rotor	3.75 m
Tail rotor diameter	2.70 m
Wheel track	3.25 m
Wheel base	2.71 m

INTERNAL DIMENSIONS

Cockpit length	1800 mm
Passenger cabin length	2270 mm
Cabin width	1600 mm
Passenger cabin height (average)	1400 mm



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