

Mi-171E Transport Helicopters S/N TBA



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A/C Type: Mi-171E
Number of Seats: 30 folding seats
Location: Russia **Total**

Time: 0

Cycles: 0

Status:

All helicopters are brand new with additional equipment. Mi-171E helicopters are designed for a wide range of tasks: carrying passengers and cargo, transportation of bulky cargo on the external load, search and rescue operations, medical evacuation.

Manufacturer: Ulan-Ude Aviation Plant
Country of Origin: Russia
Purpose: Multifunctional, export configuration .

Main advantages of Mi-171E helicopter is its versatility. Helicopter for a short time can be converted from a transport version in the search and rescue, fire, ambulance, as well as a variant of "ER."

№	Designation (P/N)	Description	Q-ty
1	KO-50	Kerosene heater (overhead)	1 pc
2	8AMT-6102-6000, 8AMT-6101-7000	Self-sealing for external fuel tanks and expendable	1 set
3	8AMT.9611.000.903	External load sling system with hydraulic weight indicator, guards, fixtures, and the 3rd headlight	1 set
4	KKO-ЛС2	KKO-ЛС2 oxygen equipment set with KM-32АГ mask	1 set
5	-	Cockpit and outer lights adaptation for night vision goggles	1 set
6	-	Armor plates for the protection of the crew, expendable fuel tanks and flight control system components	1 set
7	Varta Ni-Cd	Varta Ni-Cd storage battery	1 set
8	«ОРЛАН-85СТ»	Radio Station (standby)	1 set
9	8AT-0388-100	Right enlarged door	1 pc
10	171M.0700.0000.000	Electro hydraulic ramp with hatch (instead of clamshell doors)	1 set
11	TY-80AMT-23	Troop seats (20 pc.)	1 set
12	298.9420.150СБ	Additional middle row of troop seats, 10 pc	1 set
13	8AMT.9626.1000СБ	Portside cargo jib with СЛГ-300 hoist	1 set
14	-	Rescue equipment for СЛГ-300	1 set
15	8AMT-6840-00-01/02	Exhaust-heat suppressors	1 set
16	СПУ-7	Interphone system	1 set
17	8AMT-6102-550	Starboard external fuel tank of enhanced capacity (instead of standart)	1 pc
18	8AMT-0325-000	Short cable for rappeling through the portside sliding door	1 pc
19	8AMT-0327-001	Long cable for rappeling through the starboard sliding door	1 pc

Any external/internal loads have limits by design as well as narrow any helicopter flight envelope. Mi-171 loads are limited to:

Useful load	kg	lb
Inside cargo cabin	4000	9756
On external sling	4000	9756
Dimensions of cargo cabin	m	ft
L x W x H	5,34x2,34x1,8	17,52x7,67x5
Usable area	12,5	41
Usable volume	23	75,46
Seats		
Firefighter		up to 30 pc.
Stretchers		up to 12 pc.

Overhaul periods on main integral parts and units of helicopter:

Part	Overhaul period	Prolongation
Engines TB3-117BM	1500 hours	Step-by-step in 250 hours till 2000 hours
Main gearbox BP-14	1500 hours	Step-by-step in 250 hours till 2000 hours
Main rotor blades	2000 hours	Step-by-step in 500 hours till 3000 hours
Tail rotor	1000 hours	Step-by-step in 250 hours till 1500 hours
Airframe	2000 hours	Step-by-step in 2000 hours till 14000 hours

Performance – carrying capability, staying time, rotation time, and fuel consumption.

Mass	k	l
Maximum take-off weight (category A safe fly away)	12000	29268
Maximum take-off weight (category B)	13000	31707
Normal take-off weight	11100	26829
Useful load	k	l
Inside cargo cabin	40	97
On external sling	40	97
Dimensions of cargo cabin	m	f
L x W x H	5,34x2,34x1,8	17,52x7,67x5,9
Usable area	12	4
Usable volume	2	75,46
Seats		
Firefighter		up to 30 pc.
Stretchers		up to 12 pc.
Flight altitude		
Service ceiling	m	f
	60	19686
MTOW flight range (with 30 min fuel reserve)	k	n
Main fuel tanks	6	329,7
Main + 2 external fuel tanks (option)	10	575,7
Flight speed	km	knots
Maximum flight speed	2	1
Rate-of-climb	m/sec	ft/min
Normal TOW	10	20
Maximum TOW	7	14
Contingency power	h.	k
TV3-117VM	2 x 2200	2 x 1641
Fuel consumption		kg/hp*h
		0.

The volume of the fuel tanks of this helicopter is 2695 l, which will last about 3 hours and 20 minutes with the average fuel consumption of 800 l.

Other options for use of suggested helicopters – rescue, evacuation of wounded etc.

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By means of the SLG-300 hoist (included), fitted with a universal lifting seat or a rescue cradle, cargoes or casualties can be taken aboard of the helicopter. Up to 12 stretchers (optional) for injured people can be installed inside the cargo cabin.