

Kamov Ka-32A For Sale



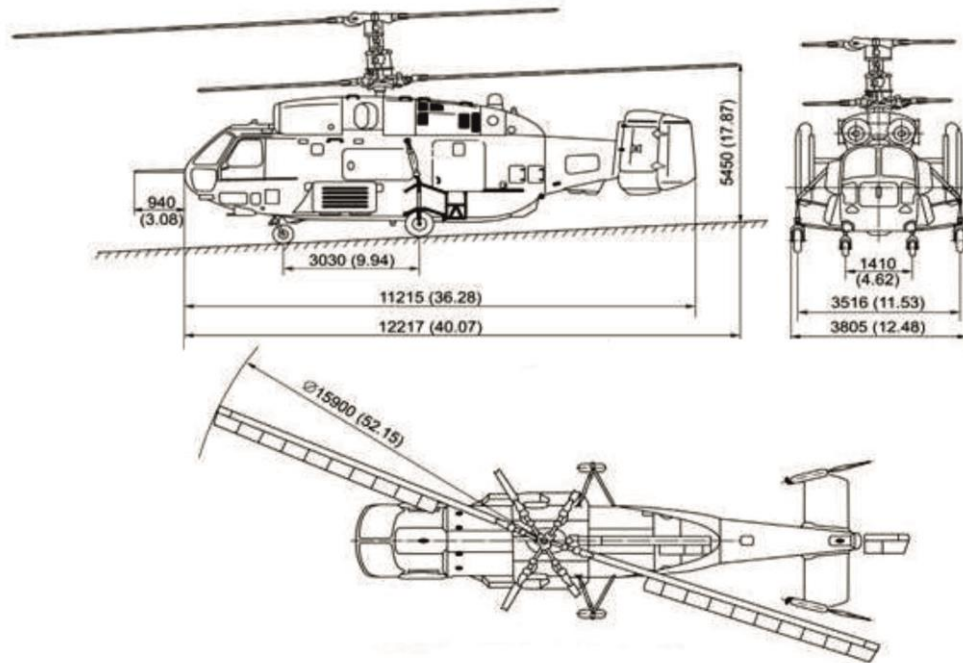
The Kamov Ka-32A is an autonomous high-power-to-weight-ratio compact air transporter that can operate independently of ground support. The main roles of the Ka-32A civil helicopter are as passenger and cargo transport, a flying crane for building construction, transport for bulky cargo up to 5t carried on an external sling, logging, search and rescue, medical and emergency evacuation, loading and unloading ships at sea and offshore operations.

The helicopter construction, largely of titanium and composites, is highly corrosion resistant and therefore suitable for maritime roles.

The helicopter can be operated in adverse weather conditions, by day and night, over land and water surface, including marine climate and icing conditions, at geographical latitudes to 75. It can fly both by visual and instrumental flight rules (VFR and IFR).

The co-axial contra-rotating rotors allow very controlled, stable and precise flight, allowing the helicopter to carry loads with minimum deviation from the designated location, for example in narrow canyons and to allow precise placement of heavy loads for construction. The absence of the tail rotor contributes to the safety of the helicopter in manoeuvring near obstacles and in decreased sensitivity to changes in wind force and direction.

The Ka-32 has the capability to lift and transport 5t cargo loads on the external sling.



Design Features:

The lack of tail rotor ensures increased load lifting capacity, higher OGE hover ceiling and ability to fly at the altitude of 5000m (16393ft) due to higher efficiency of the helicopter coaxial configuration and lower (by 10÷15 %) power plant loss.

Absence of interaction between individual helicopter control channels makes the piloting easier and simpler.

Shorter tail boom and absence of a tail rotor make the helicopter very compact that, combined with its good piloting qualities, makes the helicopter very manoeuvrable and allows to operate the helicopter from off-shore platforms and landing sites of limited dimensions; the whole helicopter fuselage including its tail section is within the limits of the main rotors diameter.

The helicopter can land and takeoffs from unprepared sites including sites overgrown with shrubs.

Absence of tail rotor eliminates the personnel injuries when the helicopter is on the ground.

SPECIFICATION'S

TAKE-OFF WEIGHT	
Normal:	6.610 Kg
Maximum:	11.000 Kg
EMPTY WEIGHT	
Weight:	6.500 Kg
CARGO COMPARTMENT DIMENSIONS	
Lenght:	4,52 m
Height:	1,45 m
Width:	1,32 m
DIMENSIONS OF AIRFRAME	
Lenght Fuselage	11,30 m
Lenght	12,25 m
Height:	5,4 m
Width:	3,8 m
DIAMETER OF MAIN ROTOR	
Diameter:	15,9 m
NUMBER OF BLADES	
Number:	6
CREW	
Number:	1 to 3
PASSANGERS	
Number Seated:	13
OPERATIONAL ACTIVITIES	
Activities:	External Sling Load Internal Cargo Medical Military Offshore Transport Passanger Transport SAR Power Line Training

PERFORMANCE

LOAD-CARRYING CAPACITY	
In Cargo:	3.700 Kg
On External Sling:	5.000 Kg
CRUISING SPEED	
Speed:	220 Km/h
Maximum Speed:	260 Km/h
POWERPLANT	
Engine TV3-117VMA turboshafts	2 Ln
Power:	2.200 hp
Service Life:	1.500 h
Fuel Consumption:	0,21 Kg/hp*h
Fuel Tank Capacity:	2.650 lt
Range on internal fuel:	500 Km
Flight Duration	2,45 h
Range with auxiliary fuel tanks:	880 Km
Maximum Flight Duration:	4,0 h



PHOTOS



LIST OF MAIN AGGREGATES INSTALLED ON Ka-32

на 04.06.2012

№№ п/п	Description	Designation	Date of issue	Date of the last overhaul	Number of overhauls	Time Limits Печысц				Operation time		Remain Time Limits			
						Time between overhaul(TBO)		Assigned service time		The all time	After it overhaul	TBO		Service time	
						Hours	Year	Hours	Year			Hour	Hour	Hour	Year
1	FuselageПланер	Ka-32A	26.02.91	28.07.08	1	4000	10	20000	25	3348	1146	2854		16652	
2	LH Engine	TB3-1178MA	18.08.92	19.03.12	2	1500	10	4500	-	2846	0	1500		1654	
3	RH Engine	TB3-1178MA	04.11.92	27.01.10	2	1500	10	4500	-	3542	440	1060		958	
4	APU	АИ-9	04.12.75	07.12.11	Starts	1500	8	18000	-	7739	0	1500		10261	
					Air bleed	1500		18000		8520	0	1500		9480	
5	Main Gearbox	BP-252	25.12.87	17.06.08	2	802	8	2250	-	1998	550	252		252	
6	Servo control system	PC-60	01.10.90	26.07.07	1	2000	6	4000	25	2466	1146	854		1584	
7	Rotor Mast	Д2Б-2000-0/Б	21.04.90	27.07.10		1000	8	3000		1438	0	1000		1562	
8	Rotor Blade UR	500.290 6.6000.000	27.03.03					3000	till 25.05.2013	2000				1000	
9	Rotor Blade LR Лопасть НВ	500.290 6.7000.000	27.03.03					3000	till 25.05.2013	2000				1000	