



# ODONAT

Kamikaze with Aerial Bomb 60 mm



Specially designed **armed military-grade drone**

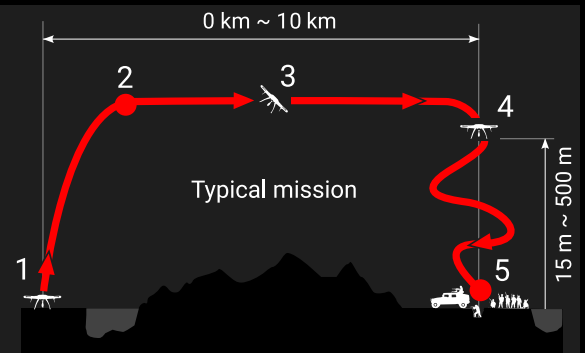
The **ODONAT** (codename IKA-KAM-60) drone is a rotary-wing kamikaze drone with a range of up to 15 km, designed and manufactured by the **PR-DC** company in a quadcopter configuration. It is armed with a 60 mm diameter aerial bomb (like Krušik M73), which is quickly and easily attached to the aircraft's structure before launch. The flight can be fully autonomous according to a predetermined path and target coordinates, or manually guided using a camera.

## MAIN CHARACTERISTICS:

<b>Powertrain:</b>	4 BLDC electric motors
<b>Optimal payload mass:</b>	1.3 kg (3 lb)
<b>Range:</b>	up to 15 km (up to 9 miles)
<b>Dimensions:</b>	660 mm x 470 mm x 235 mm (2.2 ft x 1.5 ft x 0.8 ft)
<b>Transport package dimensions (set of three):</b>	620 mm x 480 mm x 290 mm (2 ft x 1.6 ft x 0.95 ft)
<b>Maximum take-off mass:</b>	4 kg (8.8 lb)
<b>Guidance:</b>	based on GNSS and camera
<b>Source of energy:</b>	Lithium battery
<b>Remote controller:</b>	IKA-CTRL with custom FlightControl App



Field-proven aerial bombs consisting of an M73 mortar shell and M68P1-D fuse specially designed for drone operations





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**ARMAMENT CHARACTERISTICS:**

<b>Type and quantity:</b>	aerial bomb with a diameter of 60 mm
<b>Bomb length with fuze:</b>	286 mm (11.3")
<b>Fuze type:</b>	impact, superquick action, specially designed for drone use
<b>Fuze safety:</b>	two safety pins
<b>Mass of a single bomb with fuze:</b>	1350 g (3 lb)
<b>Explosive charge:</b>	trotyl (TNT)
<b>Mass of explosive charge:</b>	250 g (0.55 lb)
<b>Blast radius (1 penetration / m<sup>2</sup>):</b>	10 m (33 ft)
<b>Safe operation temperature range:</b>	-30°C to +50°C (-22°F to 122°F)



FlightControl Application