

# Drones

*(March 2023)*

After the absurdity of the [Elusive Balloons](#), the [Sailboat Orchestrated Blast of the Heavy Pipelines](#), now the Enchanted Drone.

The picture below shows the relative geometries of the tail fins and of the propeller of a MQ-9 Reaper aircraft.



The short films below show:

1. The release by the Russian fighter jet of a liquid that is most probably jet fuel or some other fuel over the tail of the drone, not once, but twice;
2. The resulting damage to the propeller blades.

It can be noted that the liquid was released from behind and right in the direction of the gas turbine exhaust, just between the fins and in front of the propeller.

Exhaust temperature from a gas turbine of the kind used on a MQ-9 drone being about 500 C, it is apparent that the fuel that was released must have ignited instantaneously, creating a detonation.

The propeller blades being made of composite material were quite probably damaged by the heat and the blast that probably resulted.

Given the geometry of the propeller and of the tail fins it seems quite unlikely that the fighter jet may have hit the drone's propeller without serious damage to itself and to the drone.

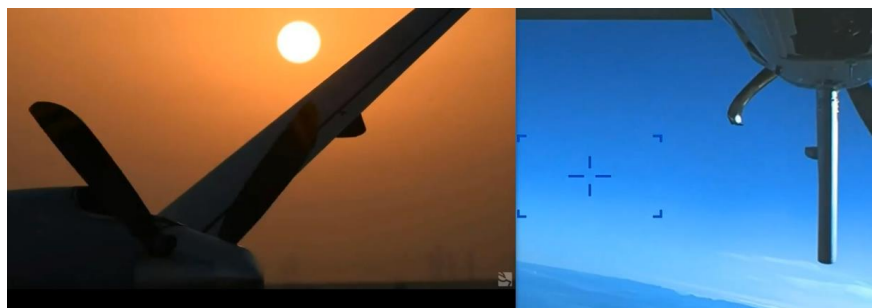
Furthermore, part of the film shows clearly that the propeller is rotating counter-clockwise as seen from the camera (the direction may have been stroboscopically altered but both drones exhibit the same direction of rotation), and that the bending of one blade is curved ahead of the blade's motion, which would be quite unlikely if there had been a collision, while another blade seems to have just withered away under the heat.

The U.S. Command accused the fighter jet pilots of unprofessionalism, whereas one could think that the pilots were quite responsive and inventive. Surely the method was not improvised and had been carefully rehearsed long before the encounter.

[Ctrl + Left click on the pictures to open the short films in another tab](#)



***FUEL RELEASE***



***BLADE DAMAGE***

The official versions are somewhat different:

- A. The Pentagon tells us that the Russian jet dumped fuel in front of the drone, and got so close to the drone that it damaged the propeller of the MQ-9 by colliding with it, while
- B. The Russian Defense Ministry says the drone crashed because of a maneuver that was too steep.

Neither seems to recognize that:

- 1. The fuel was dumped behind the drone, not in front, and
- 2. The drone crashed most probably because it had lost half the blades of its propeller.

It would seem that neither side took the time to have a cursory look at the pictures the Pentagon produced, nor to briefly analyze the short movies.

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