



PRACTICAL MEASURES TO IMPROVE TANK PROTECTION FROM DRONES

PART I

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The main types of drones

1. **"Bomber" drones** of the quad and multicopter type are designed to destroy open hatches, upper part of military equipment and personnel by hitting them from the upper hemisphere by dropping fragmentation (РГД-5, Ф-1, grenades, БОГ-17 projectiles) or HEAT (РКГ-3, Mk118 and BLU-77 (USA), KV-44 DM1244 (Germany), M42/M46 and M77 (USA) ammunition. "Unmanned bombers" are most effective against stationary/low-speed targets.

2. Kamikaze-type quadcopter drones are equipped with a built-in cumulative or high-explosive warhead (РПГ РГ-7Л, РГ-7М, РГ-9С, РГ-18 warhead) and are designed to defeat airborne and l/s by the method of destruction (ramming) from the upper hemisphere.

Methods of attack drones combat use

1. Strikes on areas of deployment, positions of units, places of military equipment concentration.

2. "Free hunting" in the rear areas, as well as communication routes.

The main ways to protect against attack drones

1. Equip additional protection modules in the upper part of the tank turret with a protective shield and nets:

2. Equip tanks with electronic jamming devices that will disable the electronic control and navigation systems of attack drones.

Some of attack drones



«Hawk»



«Cross»



«R18»



DJI Mavic



ST-35



UJ-31

