

Polygon

Military Magazine

ISSUE №01/2019

- KPE selects Allison Transmission 3000 Series
- MODIAR conducted fire-range testing of tank ammunition
- Pedestal Mounted CIRIT
- Ukrainian Army received the first Bayraktar TB2 UAV



Artillery armament
of region countries

BUTA ARMOR started manufacturing armored vests

Buta Armor LLC, receiving special permission from the Azerbaijani Government for the production of armored vests, helmets and accessories for them in



November 2018, has started production of its first products since December. Armored vests of "Buta Armor" LLC, with 100% private investment are manufactured on the basis of the technology of Mars Armor, well-known Bulgarian company.

According to Ramil Ahmadov, the founder and general director of the company, enterprise is able to produce about 30,000 armored vests and 25,000 helmets per year. Armored vests provide protection from 9x18 pistol bullets to 7.62x54 mm machine guns and sniper rifles, as well as protection against shrapnel 450-850 m / sec speed. Saying that

the armored vests and helmets have been tested with the army and power structures, R. Ahmadov noted the results are positive. In recent months, in the joint trainings with the State Border Service, Special State Protection Service and relevant bodies of the Ministry of Defense, armored vests have been shot with 9x18, 9x9 mm steel head pistol bosses (TT, Glock, Zafar-K pistols, Sig Sauer, with a 5.74x39 and 7.62x39 mm steel-bodied cartridges, Kalashnikov rifles, 7.62x51 mm (Accuracy International) and 7.62x54 mm (SVD) cartridges with sniper rifles, 7.62x54 mm gunfire with cartridges Kalashnikov machine gun: "The results of testing our armored vests that meet the high protection requirements at 4+ have been approved by the relevant acts and by the signatures of the representatives of the tribal structures, managers. All that we can be considered success without exception".

According to the company head, the armored vests of Buta Armors have confirmed their level of protection not only with the category of bullets, but with other additional terms. None of the thrown bullets deviated and all the bullets remained on the armor boards. During the tests, the helmets were shot with TT, Glock and Zafer pistols and cartridges of Sig Sauer pistols with 9x18 and 9x19 mm caliber steel cartridges. Bullets were shot at near and far distances (10-35 m) and no inflatable switches were recorded on the helmets. Note that Buta Armor's helmets have picatinny rail communication equipment for night vision and the installation of cameras.

According to R. Ahmadov, Buta armors have 3 main features. The first of these is comfort, ergonomic design and light weight, the second major feature is the high level of protection, and the third is lower than the market comparisons. The head of the company noted that the products of Buta Armor were exported to the Azerbaijani Army and power structures along with the export to abroad.

IAI unveils new loitering munition- Mini Harpy

Israel Aerospace Industries (IAI) has unveiled the Mini Harpy, a newly-developed loitering munition. Based on unique IAI development and technology, the Mini Harpy combines the capabilities of the Company's two flagship loitering missiles, the Harop and the Harpy, offering detection of broadcast radiation with electro optical capabilities. The Mini Harpy covers a broad area of interest and responds to a broad range of threats and launching scenarios:

- Neutralizing of radiation emitting threats such as radars and additional systems.
- Electro-Optical Threat detection: high quality video footage for the operator.
- Launching from a broad range of mobile land platforms as well as marine platforms.
- Multiple tools per area unit.

The Mini Harpy is a tactical system designed for field or marine units. It can be launched from land, marine and helicopter borne platforms, providing complete independence in intelligence



collection for an updated situational picture and closing the attack circle at low cost. The loitering missiles are launched towards the target area. They loiter the sky until the threat is detected. Upon detection, the systems locks in on the threat and attacks it for a quick, lethal closure. The system was designed to provide operators with control up to the last moment, including cessation of attack at any stage. Electrically powered, it is extremely quiet, carries shaped charge of approx. 8 kg, operates in mission range of 100 km for duration of two hours and 45 kg in weight.

IAI is considered a pioneer in loitering missiles with its Harpy, Harop, Green Dragon and Rotem missiles.

BUTA ARMOR



- ✓ Easy Ergonomics
- ✓ Light Weight
- ✓ High Protection

