**Press Release August 2022**

**FIRST DELIVERIES OF MINI SURVEILLANCE UAV “STM TOGAN”**

**Developed by STM using national resources, the first deliveries of the rotary-wing surveillance UAV system “STM TOGAN” have taken place. STM TOGAN, which will be used in reconnaissance, surveillance and intelligence missions, assumed its duties in the Turkish Security Forces.**

Continuing its efforts in line with Türkiye's target to develop a fully independent defence sector, STM Savunma Teknolojileri ve Mühendislik A.Ş. continues to equip the Turkish Security Forces with innovative and national systems. Acceptance tests have been completed for the autonomous rotary-wing surveillance UAV system TOGAN developed by STM engineers through national means. The first deliveries of the mini UAV TOGAN, which successfully passed the acceptance tests, have now been made to the Security Forces.

Prof. Dr. İsmail Demir, President of Defence Industries (SSB) announced the entry of TOGAN into the inventory on his social media account with the following statement:

“We continue to offer our national engineering solutions to the service of our security forces! We made the first deliveries of TOGAN, our rotary-wing national spotter UAV, which we developed for reconnaissance, surveillance and intelligence purposes.”

**Güleryüz: TOGAN will see the invisible**

Özgür Güleryüz, General Manager of STM, said, “STM is proud to make another significant delivery in the field of tactical mini UAV systems, as an area where we pioneer in Türkiye. Our national surveillance UAV TOGAN will see the invisible and follow the untraceable with its features. Effective at both day and night and with a physical target tracking capability, TOGAN will be able to perform joint operations in collaboration with STM’s other UAVs. TOGAN will further strengthen our heroic soldiers in the field. May it bring success to our army. We will continue to strengthen our platforms with our tactical mini-UAVs, based on their ability to operate in areas without GPS, and our capabilities that will enable them to perform missions without being affected by enemy electronic warfare threats."

**Effective day and night operation with TOGAN**

Designed for use in tactical level reconnaissance, surveillance and intelligence missions, TOGAN has a unique flight control system and mission planning software. Two TOGANs can autonomously perform handover duty in the air, offering operators uninterrupted and long-term surveillance capabilities.

A single TOGAN platform can operate for 45 minutes at a range of 10 kilometres. TOGAN offers effective operation, at day or night, with its daytime and infrared image systems and 30x optical zoom. Thanks to its unique autopilot and computer vision software, it can track moving targets autonomously. Handover the duty feature of the platform allows uninterrupted operation for the user, as should the TOGAN battery power fall below a certain level, the other can automatically take over the mission. Thanks to its advanced computer vision algorithms, TOGAN is capable of target detection, recognition, diagnosis and technical analysis, and provides convenience to the user in image exploitation efforts.

**Can operate jointly with attack UAVs**

The Surveillance UAV System TOGAN, which can be easily transported and utilized by a single operator in the field of operation, can also perform joint missions with other STM platforms through the developed flight control, mission planning and target detection systems. TOGAN platforms are designed to transmit real-time, automatic target information with STM's Tactical mini attack UAV systems KARGU, ALPAGU, and BOYGA via joint Ground Control Station software.

**TOGAN Video Link:** [**https://we.tl/t-xyNBLJaU5D**](https://we.tl/t-xyNBLJaU5D)

**About STM**

STM has been serving the Turkish defence sector for over a quarter of a century in such areas as engineering, technology and consultancy, working in fields that are critical for Turkey and its allies. It applies its advanced capabilities and technologies to a broad range of strategic fields, ranging from naval platforms to tactical mini UAV systems, from satellite works to cybersecurity, and from big data analytics to artificial intelligence applications.

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