

# FPV DRONE - LOITERING MUNITION TRAINING

The FPV Drone pilot training is created for armed force operator training and capability development. Drawing from the experience of the war in Ukraine, our training provides essential knowledge about the use of FPV drones in the battlefield and trains them in practical skills to plan and execute combat missions.

## Enhance units with FPV Drone striking capability!

TRAINING IS CONDUCTED  
ON 10 INCH FPV PLATFORM



5 kg

Max payload

20 km

Flight distance  
(with 2 kg payload)

145  
km/h

Max airspeed



## TRAINING EQUIPMENT



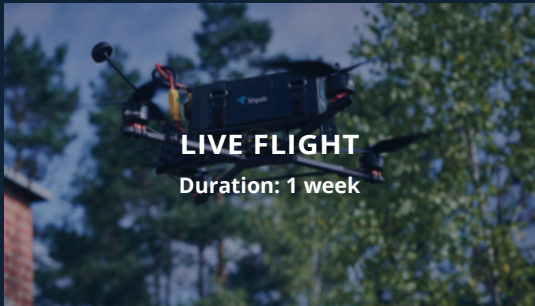


- Drone training simulator
- FPV goggles & Controller
- Remote control station
- Charging station
- Spare part pack
- Antenna rack
- FPV Drone Shpak and battery packages
- FPV Thermal Drone Shpak and battery packages
- Explosives imitating containers
- Impact initiators for explosives activation



# BASIC FPV DRONE

## Training Modules

Continuous technical and methodical support is available for further **capability building** and **specialist skill development**.

 <p><b>INTRODUCTORY</b> Duration: 3-5 days</p>	<b>TOPICS &amp; EXERCISES</b>  <b>Lectures covering topics:</b> <ul style="list-style-type: none"><li>• UAS types and capabilities</li><li>• FPV drone construction</li><li>• PV flight aerodynamics</li><li>• Radio control signaling dynamics</li></ul>	<b>RESULT</b>  Trainees understand the capability and operating environment of various UAS
 <p><b>SIMULATED FLIGHT</b> Duration: 1 week</p>	<b>Flight within simulation software:</b> <ul style="list-style-type: none"><li>• Take off / landing</li><li>• Basic maneuvering</li><li>• Advanced maneuvering</li><li>• Target tracking</li><li>• Diving</li></ul>	Provides trainees with maneuvering skills and teaches them how to attack targets within the flight simulator
 <p><b>LIVE FLIGHT</b> Duration: 1 week</p>	<b>With actual drones in real life conditions:</b> <ul style="list-style-type: none"><li>• Take off / landing</li><li>• Basic maneuvering</li><li>• Advanced maneuvering</li><li>• Battery lifetime management</li><li>• Radio signal management</li></ul>	Teaches trainees to maneuver the drones and attack targets in real-world conditions
 <p><b>TACTICAL MISSION</b> Duration: 1 week</p>	<b>Tactical Mission simulation with the following elements:</b> <ul style="list-style-type: none"><li>• Target acquisition</li><li>• Target tracking</li><li>• Operating in EW conditions</li><li>• Striking targets at various angles of approach</li><li>• Physical cover &amp; concealment</li></ul>	Provides trainees with tactical know-how and team workflows necessary for using FPV drones in various operational scenarios
 <p><b>FORCE INTEGRATION</b> Duration: 2 weeks</p>	<b>Workshops with a focus on:</b> <ul style="list-style-type: none"><li>• Coordination between Reconnaissance (ISTAR) UAV teams and FPV loitering munition teams</li><li>• Target acquisition and designation</li><li>• Effector selection for direct action</li><li>• Battle damage assessment</li></ul>	Equips trainees with the skills and knowledge necessary for using FPV loitering munitions in concert with other assets and in support of the overall CONOPS



# ADVANCED FPV DRONE

## Operator Training

Get ready to operate with precision and efficiency in critical mission scenarios!

Duration:  
**3 WEEKS**

Elevate your FPV strike drone skills to combat-ready expertise. Designed for operators who have completed entry-level courses, this advanced training focuses on refining basic techniques and preparing you for real-world strike missions.



### TACTICAL PLANNING

Master the art of FPV strike drone mission planning



### LIVE BATTLEFIELD SIMULATION

Complete live flight missions using actual anti-personnel and anti-armor munitions



### OPERATIONAL TRAINING

Learn tactical coordination with TOC (Tactical Operations Center) and reconnaissance (ROCON) units



### COMBAT-READY EXPERIENCE

Gain hands-on experience for high-stakes, combat-ready operations

## TRAINING TOPICS:

### FPV strike drone missions planning



- Team roles (commander, navigator, pilot, technician, communications specialist)
- Operation order (OPORD) / Concept of operations (CONOPS) development, RFI's

### Battlefield integration



- Capability evaluation
- Command & control (C2), TOC and RECON units
- Standard operation procedures (SOP's)
- Information flow and enabling tools (COMMs)
- RECON information evaluation and exploitation
- Targeting
- Long-range FPV strike drone flights

### Life fire exercise (LFX) with FPV strike drones



- Safety rules and Standard Operating Procedures (SOP) of LFX
- Hardware & Software and compatibility with SOP's and TTP's
- Drills with Inert explosive
- Flights under EW conditions
- LFX with anti-personnel charge
- LFX with anti-armor charge

# FPV OPFOR TEAM

## Service

Get ready to test yourself **against today's battlefield** threats with our FPV drone **OPFOR (opposing forces)** service!

Designed to simulate the realities of warfare with the threat of attack drones overhead, enabling military units to:



### IDENTIFY RISKS

Detect military units' weaknesses and optimize C-UAS team strategies



### INTEGRATE FPV DRONES

Seamlessly enhance unit capabilities and expand tactical effectiveness



### IMPROVE TACTICS

Strengthen unit strategies and tactical planning for operational excellence



### CONNECT WITH EXPERTS

Build a strong network of experienced FPV professionals and skilled operators

#### TURNING STRATEGY INTO ACTION: How we enhance your unit's capabilities



- 1 **C-UAS Testing** – we deploy our drones to assess and test your C-UAS capabilities.
- 2 **Capability Demonstration** – our tactical team showcases the capabilities of an FPV unit in a controlled environment
- 3 **Pre-Planned TTP Testing** – our team simulates an adversary FPV unit within a predefined tactical scenario
- 3 **Live Tactical Scenario** – our team simulates an adversary FPV unit with minimal pre-planned settings for a more dynamic, real-world challenge

#### BATTLEFIELD FPV EXPERTISE: Training, manufacturing, simulating



We have a unique ability to provide the latest battlefield insights on FPV drone usage from both technological and tactical perspectives by:

- 1 Training military personnel in FPV drone operations
- 2 Manufacturing FPV drones for battlefield deployment
- 3 Maintaining close relationships with end-users

Our staff can actively participate in units' exercises, simulating adversary FPV team activities in the operational area.

#### Contact us:

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