

UNMANNED AERIAL VEHICLES,

which strike targets with an integrated warhead and self-destruct during the attack,

Drones are a flexible and portable means of striking any target.

FPV drones and kamikaze drones quickly reach their targets and perform a wide range of tasks: patrolling, airstrikes, attacks on networks, facilities, transport, and aircraft. Due to their low cost and autonomy, they are actively used in modern conflicts.



European Quality Standards
Manufactured in the Czech Republic

L1514 RDY

**AIR SUPERIORITY
THAT CAN
BE SCALED**



EFFECTIVENESS OF KAMIKAZE DRONES

Designed specifically to counter loitering munitions – a specialized solution for a specific threat. High speed and accuracy of strikes ensure effectiveness in areas where traditional anti-aircraft weapons cannot respond in time.



ECONOMIC EFFECTIVENESS

Drones, as one of the most cost-effective types of weaponry, destroy targets (objects) whose value exceeds the cost of the weapon itself by tens of times.



“SKYREND STORM” DRONE

Parameters and their values:

- Maximum flight range — 20 km.
- Tactical range — 15 km.
- Flight duration — 23 min.
- Flight duration (maximum speed) — up to 6 min.

Flight altitude:

- maximum — 5000 m.
- operational — 2000 m.

Available optical-electronic reconnaissance equipment:

- day camera - or thermal (infrared) camera

Detection and recognition range of typical targets:

- day camera — 550 m.
- thermal (infrared) camera — 550 m.

Flight speed:

- minimum — 0 km/h.
- cruising — 180 km/h.
- maximum — 308 km/h.



DRONE MODEL "SKYREND STORM"

Preparation time for flight or deployment/retraction of the UAV is 5 minutes.
Time to equip the UAV with the payload from the UAV system is 2 minutes.
The root mean square deviation from the target is 0.5 m.
The maximum takeoff weight of the UAV from the UAV system is 3.4 kg.

The weight of the payload (useful load)

optimal/maximum – 0.3 kg / 0.5 kg.
Type of UAV from the UAV system – quadcopter.
Take-off method of the UAV from the UAV system – vertical.

Ability to change the power of the video transmitter

during the flight of the UAV from the UAV system – yes.
Type of power plant – electric.

Camera resolution:
day camera – specifications 1200 TVL or higher
thermal (infrared) camera – 640x512.



Dimensions of the UAV from the UAV system:

- height (with the video transmitter antenna installed) – 390 mm (±10 mm)
- width (with the propellers installed) – 420 mm (±10 mm)
- length (with the propellers installed) – 390 mm (±10 mm)
- width (without the propellers installed) – 340 mm (±10 mm)
- length (without the propellers installed) – 290 mm (±10 mm)

Implemented flight modes – yes.

Channel characteristics (frequency, protection or encryption):

control – (0.15-2.7) GHz
telemetry – (0.15-2.7) GHz
video – (1.2-7.2) GHz.

ZENITH “SKYREND GUST” BASED ON FPV DRONES



Tactical and technical specifications of the UAV model “GUST”

- Maximum flight range: 22,100 m
Tactical radius: 16,200 m
- Flight duration: 26 min 10 sec

Flight altitude:

- Maximum — 5,840 m
- Operational (with weight) — 3,005 m

UAV flight speed:

- Minimum — 0 km/h
- Cruising — 130 km/h
- Maximum — 160 km/h

Available optical-electronic reconnaissance equipment:

- daytime digital video system — DJI Air Unit or EDGE or Walksnail (Walksnail Avatar)
- thermal imaging digital video system — Walksnail (Walksnail Avatar)

TACTICAL AND TECHNICAL CHARACTERISTICS OF THE UAV MODEL "SKYREND GUST"

Detection and recognition range of typical targets
(tank type, vehicle):

- daytime digital video system — 1500 m
- thermal imaging digital video system — 1500 m

Deployment and preparation time for the UAV — 2 min 40 sec

Assembly time of the unmanned aerial complex — 1 min 50 sec

Standard deviation from the target — 0.5 m

Maximum takeoff weight — 3.14 kg

Payload weight — 0.4 kg

Type of UAV — quadcopter

Resolution of the digital video system:

daytime — 1080p or better

thermal imaging — 640x512 or better

Type of power plant — electric

Channel characteristics (frequency, protection or encryption):

- control — (0.13-2.7) GHz
- telemetry — (0.13-2.7) GHz
- video — (5.725-5.850) GHz

Implemented flight modes: Manual

General characteristics of the UAV:

width — 570 (± 20) mm

length — 510 (± 20) mm

height — up to 200 mm

Availability of maintenance and control means — yes

Time to equip with payload means — 0 min 45.60 sec



SURFACE-TO-AIR "SKYREND GUST" BASED ON FPV QUADCOPTERS

Tactical and technical characteristics of the UAV model "SKYREND GUST"

- Maximum flight range: 22,000 m
Tactical radius: 16,000 m
- Flight duration: 26 min

Flight altitude:

- maximum — 6000 m
- operational (with weight) — 3000 m

Flight speed of the UAV:

- minimum — 0 km/h
- cruise — 120 km/h
- maximum — 230 km/h

Available optical-electronic reconnaissance equipment:

- video camera — digital video system



TACTICAL AND TECHNICAL CHARACTERISTICS OF THE UAV MODEL “SKYREND HAIL”

Detection and recognition range of typical targets (tank type, vehicle):

- daytime digital video system — 1500 m
- thermal imaging digital video system — 1500 m
- Preparation time for flight or deployment (assembly) of the UAV complex — up to 5 min
- Time to equip the UAV from the UAV complex with strike means — up to 2 min

Standard deviation from the target — 0.5 m

Maximum takeoff mass of the UAV from the UAV complex — 3.1 kg

Payload weight (useful load) — 0.4 kg

Type of UAV — quadcopter

Type of power plant — electric

Takeoff method of the UAV from the UAV complex — vertical

Ability to change the power of the video transmitter during the UAV flight from the UAV complex — yes

Resolution of the digital video system:

- daytime — 1080p or better
- thermal imaging — 640x512 or better

Channel characteristics (frequency, protection or encryption):

- control — (0.13-2.7) GHz
- telemetry — (0.13-2.7) GHz
- video — (5.725-5.850) GHz

Implemented flight modes: Manual

General characteristics of the UAV:

- height (with installed video transmitter antenna) — 130 (± 10) mm
- width (with installed propellers) — 440 (± 10) mm
- length (with installed propellers) — 370 (± 10) mm
- width (without installed propellers) — 280 (± 10) mm
- length (without installed propellers) — 230 (± 10) mm
- Availability of maintenance and control means — yes

KAMIKAZE DRONES BASED ON FPV QUADCOPTERS



| Frame size | 7 | 8 | 10 | 13 | 15 |
|------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------------|-----------------------------|
| Payload capacity | 1 - 1.5 kg | 1 - 2 kg | 3 - 3.5 kg | 4 kg | 5 kg |
| Motor | 2807 - 1300 KV | 2812 - 1100 KV | 2810 - 900 KV or 3115 - 900 KV | 4315 - 700 KV | 4320 - 420 KV |
| Battery | 6s2p 8400 or 10000 mAh Li-ion | 6s2p 8400 or 10000 mAh Li-ion | 6s3p 15000 mAh Li-ion 21700 | 2x 8s3p 15000 mAh Li-ion | 2x 6s4p 20000 mAh Li-ion |
| Flight range | 13 - 17 km | 18 - 23 km | 18 - 23 km | 27 - 30 km | 30 - 32 km |
| Maximum speed | 140 km/h | 140 km/h | 140 km/h | 150 km/h | 130 km/h |

KAMIKAZE DRONES WITH A FIBER OPTIC MODULE MFO

Drones with fiber optic cable are an effective means of strike that counteracts electronic warfare systems in modern conditions and allows reaching the final target at a distance of 15 to 40 km depending on:

- the drone modification
- the fiber optic module installed on the drone
- payload

Payload parameters are determined by the combination of specific types of coils, boards, and batteries. These components directly affect the duration of flight and maximum flight distance.

| Fiber-Optic Module | 15 km | 20 km | 25 km | 30 km | 35 km | 40 km |
|--------------------|--------|--------|--------|-------|-------|-------|
| HAIL 10 Optics | 1.1 kg | 0.9 kg | - | - | - | - |
| HAIL 13 Optics | 1.9 kg | 1.7 kg | 1.5 kg | - | - | - |
| HAIL 15 Optics | 2.9 kg | 2.7 kg | 2.5 kg | - | - | - |



CHARACTERISTICS OF THE FIBER OPTIC CABLE MODULE

| FIBER-OPTIC MODULE | MODULE WEIGHT |
|--------------------|---------------|
| 15 km | 1.1 kg |
| 20 km | 1.3 kg |
| 25 km | 1.5 kg |
| 30 km | - |
| 35 km | - |
| 40 km | - |

The fiber optic cable module has the following modification, which is a multiple of 5 km accordingly:

[15, 20, 25, 30, 35, 40 km]

BELOW IS THE PRICE MATRIX FOR OUR PRODUCTS DEPENDING ON THE SIZE AND CONFIGURATION OF THE DRONE:

Price matrix for interceptor drones:

| | |
|--------------|--------------------------|
| STORM | |
| GUST | Based on a 10-inch frame |
| HAIL | Based on an 8-inch frame |

| DIGITAL CAMERA | | ANALOG CAMERA | |
|-----------------------|-----------|----------------------|-------|
| Day | Night | Day | Night |
| | Walksnail | | 640 |
| | - | | |
| | | | |
| | | | |
| | | | |

Price matrix for kamikaze drones based on FPV quadcopters:

| DRONES |
|---------------|
| 7 INCHES |
| 8 INCHES |
| 10 INCHES |
| 13 INCHES |
| 15 INCHES |

| ANALOG CAMERA | | |
|----------------------|-----------|-----------|
| Daytime | Night 480 | Night 640 |
| | | |
| | | |
| | | |
| | | |
| | | |

PRICE MATRIX FOR KAMIKAZE DRONES WITH FIBER OPTIC MODULE:

| DAYTIME | | Module with fiber optic cable | | | | | |
|-----------------------|--------------------------|--------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | | 15 km | 20 km | 25 km | 30 km | 35 km | 40 km |
| HAIL 10 Optics | Based on a 10-inch frame | | | - | - | - | - |
| HAIL 13 Optics | Based on a 13-inch frame | | | | | - | - |
| HAIL 15 Optics | Based on a 15-inch frame | | | | | - | - |

| THERMAL CAMERA 480 | | Module with fiber optic cable | | | | | |
|---------------------------|--------------------------|--------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | | 15 km | 20 km | 25 km | 30 km | 35 km | 40 km |
| HAIL 10 Optics | Based on a 10-inch frame | | | - | - | - | - |
| HAIL 13 Optics | Based on a 13-inch frame | | | | | - | - |
| HAIL 15 Optics | Based on a 15-inch frame | | | | | - | - |

| THERMAL CAMERA 640 | | Module with fiber optic cable | | | | | |
|---------------------------|--------------------------|--------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | | 15 km | 20 km | 25 km | 30 km | 35 km | 40 km |
| HAIL 10 Optics | Based on a 10-inch frame | | | - | - | - | - |
| HAIL 13 Optics | Based on a 13-inch frame | | | | | - | - |
| HAIL 15 Optics | Based on a 15-inch frame | | | | | - | - |

The price of kamikaze drones with a fiber optic module is NOT FINAL. The price may change depending on market fluctuations and is finalized on the date of signing the supply contract.



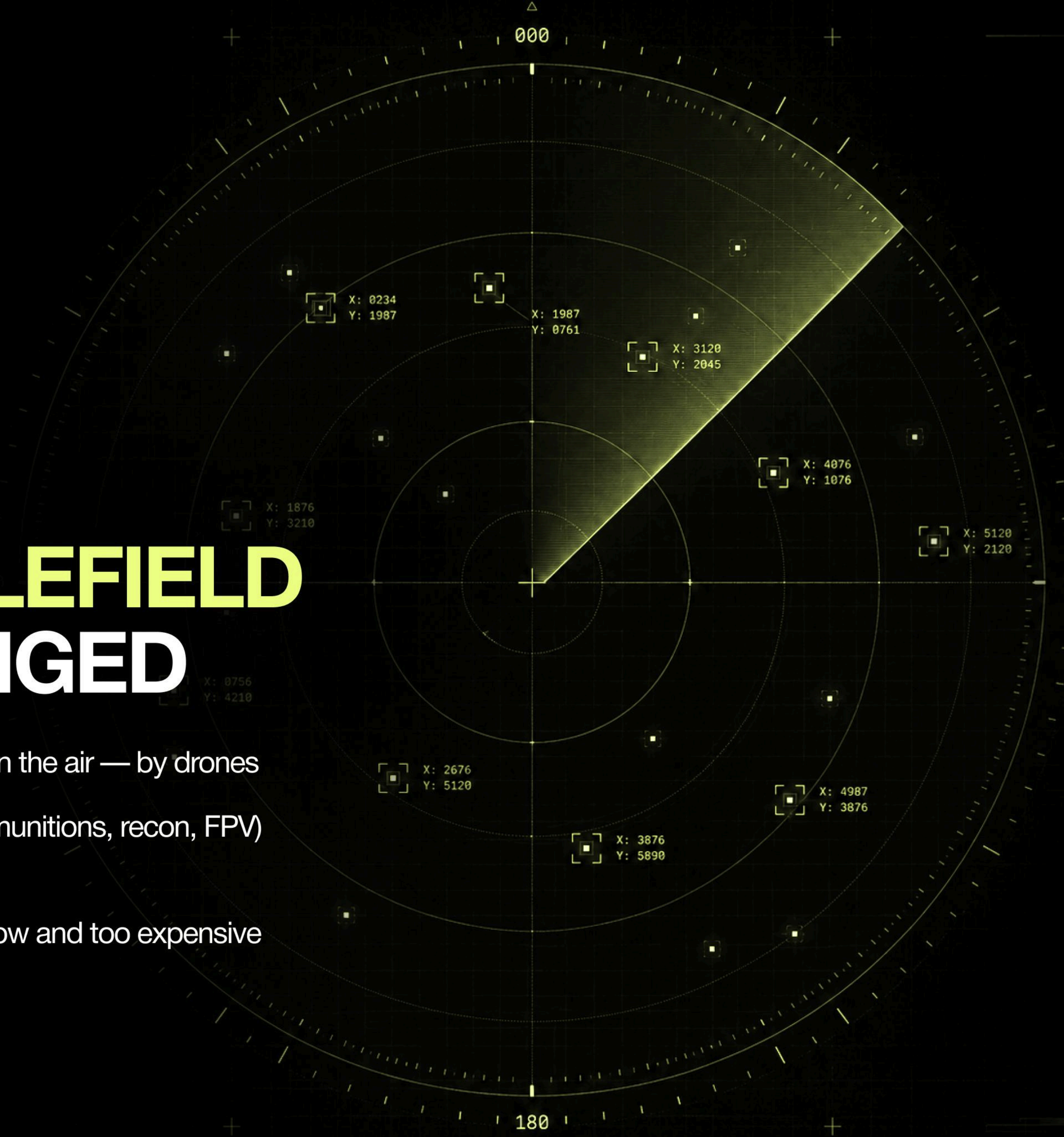
WEATHER AS A WEAPON

AIR DOMINANCE AND PRECISION
STRIKE — ONE SYSTEM

THE BATTLEFIELD HAS CHANGED

- Modern conflicts are decided in the air — by drones
- Cheap aerial threats (loitering munitions, recon, FPV) hit critical targets every day
- Traditional air defense is too slow and too expensive to answer them all.

A new kind of capability is needed — fast, affordable, layered



WEATHER AS A WEAPON

SKYREND turns the sky against the threat — a storm in three stages

STORM strikes from above ▲ GUST sweeps in ▲ HAIL covers the ground



One philosophy. One brand. One integrated capability



SR-03

STRIKE LINE
7-15" PRECISION
GROUND STRIKE
EW-RESILIENT

17

SYS. LINK: ONLINE



GUST (SR-02) — mass FPV interceptor
· meets threats in numbers

STORM (SR-01) — high-altitude interceptor
· the flagship “anti-Shahed”.

HAIL (SR-03) — strike line 7–15” · precision
ground strike, EW-resilient

STATUS
OPERATIONAL

LINK
SECURE

ONE SYSTEM. TOTAL COVERAGE

A collection of DJI drone components is displayed against a dark background. At the top center is a black carrying case. Below it, a drone is shown from a top-down perspective. To the left, a drone's internal frame and motor assembly are visible. To the right, a propeller and a motor are shown. The text 'LINE-UP AT A GLANCE' is overlaid in large, bold, yellow letters, and 'ONE GLANCE. FULL PRODUCT LINE.' is in smaller white letters to the right of 'AT A'.

LINE-UP
AT A ONE GLANCE.
FULL PRODUCT
LINE.
GLANCE

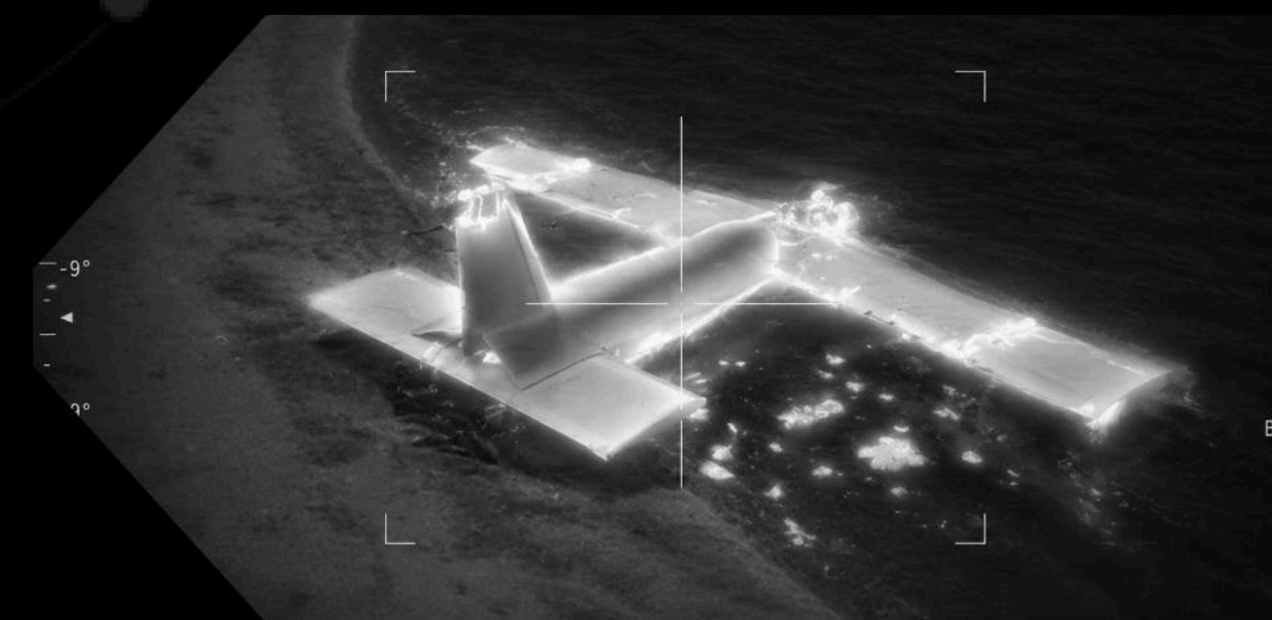


**DESIGNED AND BATTLE-TESTED
IN REAL COMBAT** - REFINED WITH
CONTINUOUS FRONT-LINE
FEEDBACK



PROVEN WHERE IT MATTERS

**BUILT BY
PEOPLE WHO
UNDERSTAND
THE FIGHT**



MORE CAPABILITY PER BUDGET

- **COST ASYMMETRY: EACH UNIT DESTROYS TARGETS WORTH MANY TIMES ITS OWN COST.**
- **AFFORDABLE ENOUGH TO FIELD IN NUMBERS - PROTECTION THAT SCALES WITH YOUR BUDGET**





A CAPABILITY, NOT A BOX

Operator training, full documentation, ongoing technical support.

Complete complex: UAVs + ground control + goggles + antenna + charger + spares

Configured to your mission
- optics, payload, range, frequencies.

HOW WE WORK WITH YOU

- We come to you for joint testing and live trials in your conditions
- Test / sample units before commitment.
- We train your operators and adapt to your needs.
- Long-term support and continuous improvement





LET'S RUN A TRIAL

- Invite to joint testing / sample units / pilot program
- Next step is simple: a live demo in your conditions

CLOSING

- ABSOLUTE PROTECTION
- AIR DOMINANCE
- SUSTAINABLE DEFENSE FOR CRITICAL INFRASTRUCTURE



CONTACT INFORMATION

READY TO COOPERATE?

We offer our team to come to you for joint testing and/or test samples for trials in combat conditions.



Contact us by phone, via e-mail or write to us on WhatsApp through the contact person.

Let's collaborate.

- Our team will gladly come for joint testing.
- We will send test/sample samples.
- We will provide all documentation + real feedback.
- We are constantly improving existing solutions.
- We adapt to your needs.
- We provide ongoing technical support.
- And much more.

