



# SKYREND HAIL

IT COMES FROM ABOVE

European Quality Standards | Manufactured in the Czech Republic

# THE HAIL LINE

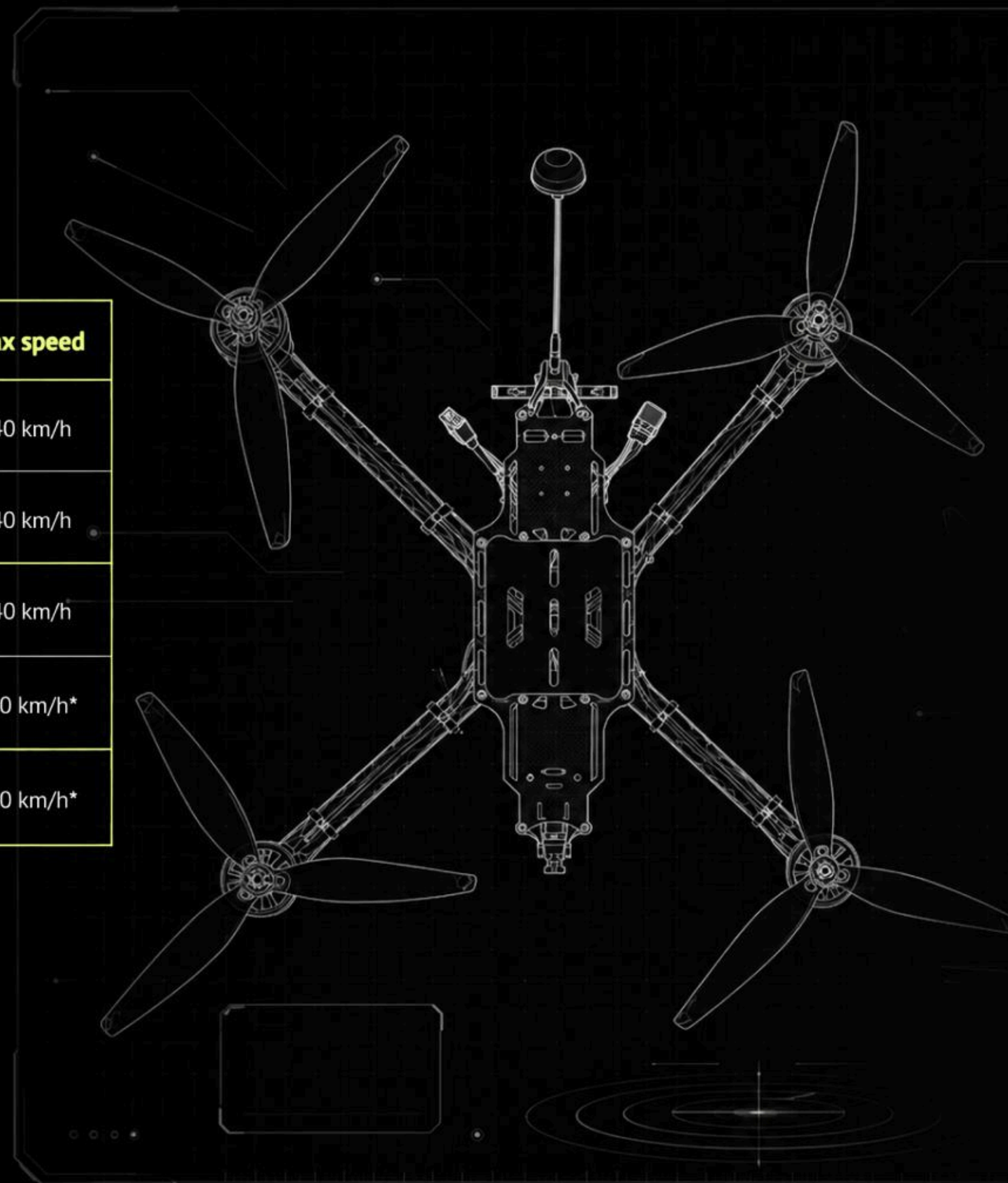
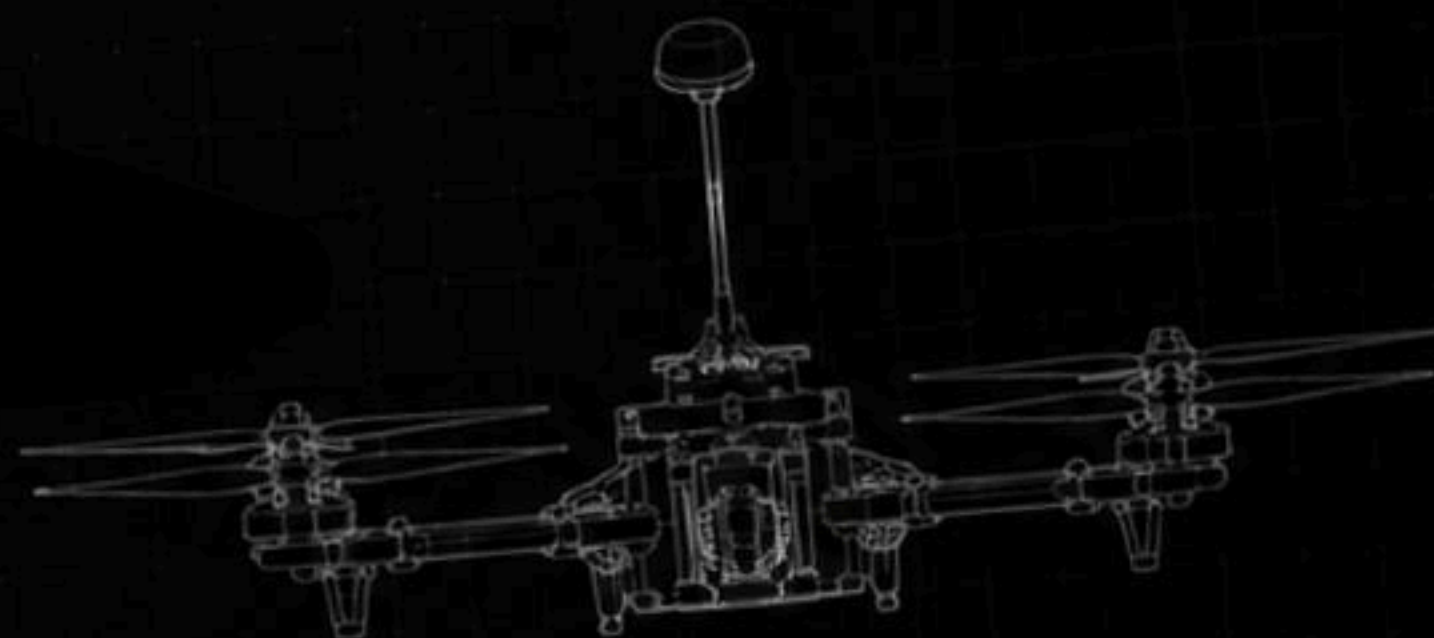
One strike platform, five sizes — from the light, fast 7" to the heavy-payload 15

- 1 7-8" — light & fast, short-to-mid range
- 2 10" — balanced payload/range
- 3 13-15" — heavy payload, long reach (certified to technical specifications)
- 4 All variants — day/thermal imaging, FPV operation, fiber-optic option (FO)



# LINE-UP & TACTICAL CHARACTERISTICS

Frame	Payload	Motor	Battery	Flight range	Max speed
7"	1-1.5 kg	2807 · 1300 KV	6S2P 8400/10000 mAh Li-ion	13-17 km	140 km/h
8"	1-2 kg	2812 · 1100 KV	6S2P 8400/10000 mAh Li-ion	18-23 km	140 km/h
10"	3-3.5 kg	2810-900 / 3115-900 KV	6S3P 15000 mAh Li-ion (21700)	18-23 km	140 km/h
13"	4 kg*	4315 · 700 KV	2× 8S3P 15000 mAh Li-ion	27-30 km*	150 km/h*
15"	5 kg*	4320 · 420 KV	2× 6S4P 20000 mAh Li-ion	30-32 km*	130 km/h*



# MISSION & ADVANTAGES

Portable FPV strike systems that deliver payload to the target — under full pilot control, in simple meteorological conditions

- 1 Economic effectiveness** — destroys targets worth tens of times its own cost
- 2 Day & night** — day camera + thermal (IR); detection up to 500 m
- 3 EW-resilient option** — fiber-optic -FO variants
- 4 High precision** — manual FPV guidance, RMS  $\approx$  0.27 m
- 5 Scalable to the mission** — one family, five sizes, payload 1–5 kg



# FIBER-OPTIC (MFO) — anti-EW

FO variants counter electronic warfare and reach the target at 15–40 km, depending on size, module and payload

Module	15 km	20 km	25 km
HAIL-10-FO	1.1 kg	0.9 kg	—
HAIL-13-FO	1.9 kg	1.7 kg	1.5 kg
HAIL-15-FO	2.9 kg	2.7 kg	2.5 kg

Module weight: 15 km → 1.1 kg · 20 km → 1.3 kg · 25 km → 1.5 kg.  
Range variants are available in 5 km increments (15–40 km).



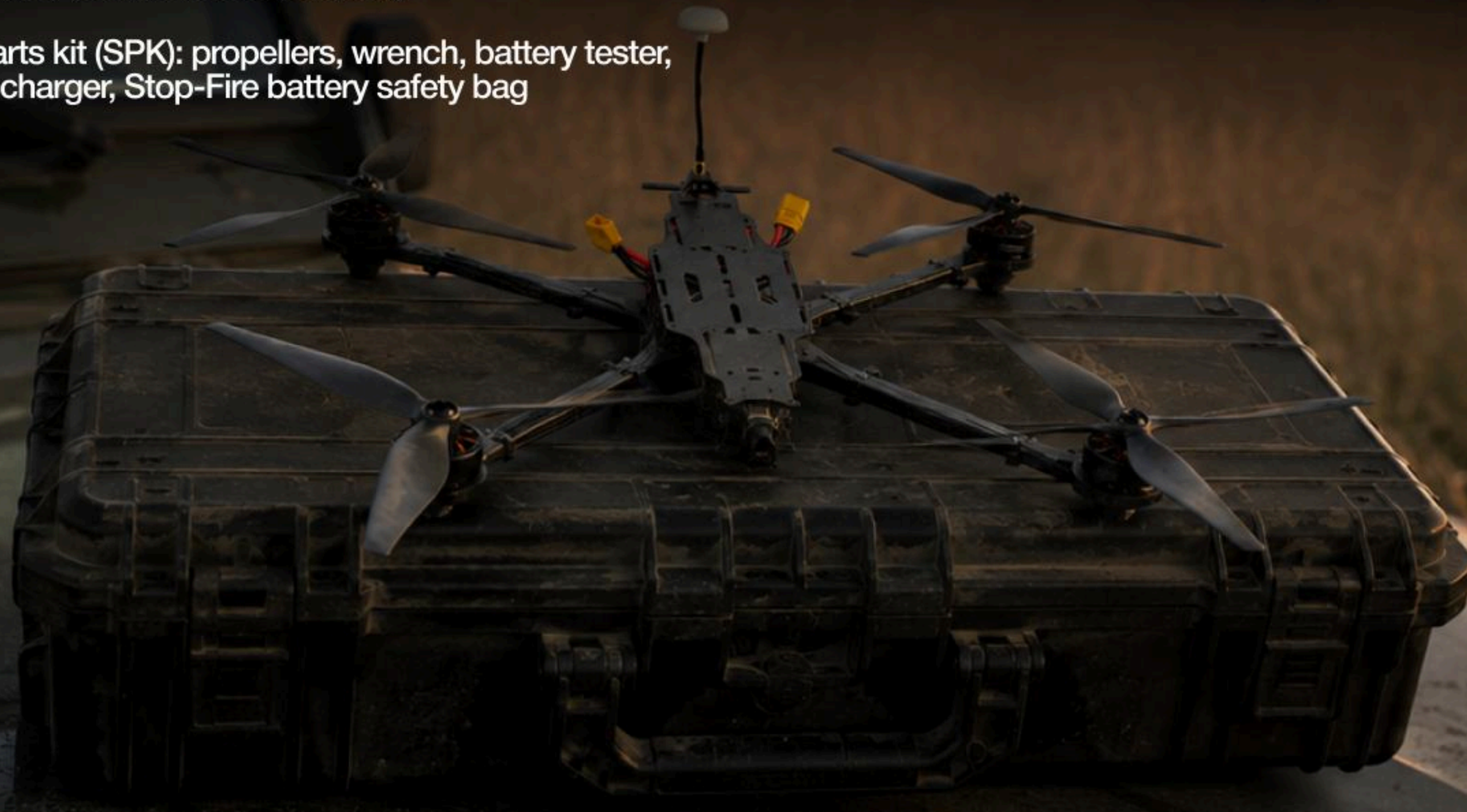
# CONFIGURATION & COMPONENTS



<b>Type</b>	FPV interceptor platform
<b>Frame</b>	carbon frame 7" / 8" / 10" / 13" / 15"
<b>Control link</b>	ELRS · 150–2700 MHz
<b>Video system</b>	digital day + thermal
<b>Video link</b>	1.2–7.2 GHz
<b>Power plant</b>	electric
<b>Propulsion</b>	4-propeller configuration
<b>Initiation board</b>	integrated initiation module
<b>Power source</b>	Li-ion battery pack
<b>Packaging</b>	transport case included

# COMPLEX COMPOSITION

- 1 FPV UAVs with propellers — 50 units (as specified in the contract)
- 2 Remote antenna with mast · antenna control panel
- 3 FPV goggles ( $\geq 1280 \times 720$ ) · RC control panel
- 4 Cable set (up to 50 m) · charger
- 5 Backpack + protective cover + rugged carrying case · 10" monitor (stand-alone operation)
- 6 Spare parts kit (SPK): propellers, wrench, battery tester, balance charger, Stop-Fire battery safety bag



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# CONTROL COMPLEX

## COMPONENTS:

- FFPV Goggles ( $\geq 1280 \times 720$  resolution)
- RC Control Panel
- Remote Antenna System with Mast
- 10" Mission Monitor (AV Output)
- Power & Data Cables
- Battery Charger

## FEATURES:

- Real-time video transmission
- HUD and radar-style situational awareness interface
- Long-range communication capability
- Rapid deployment and field-ready configuration
- Compatible with the full SKYREND ecosystem

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# PRINCIPLE OF OPERATION

- 1** **Developed and validated** in real combat conditions — refined through continuous front-line feedback
- 2** **Economic effectiveness:** one strike UAV destroys targets worth tens of times its own cost.
- 3** **Guidance** — Day: digital day camera · Night: thermal (IR).
- 4** **Reliable, repeatable results** — including under active EW



Proven where it matters

80dB  
ON

RNG 0193  
PNG 117M  
ALT 0056M  
TNI 2.6

L1514 RDY

# WHY ▲ US

## PROVEN & COST-EFFECTIVE

**Developed and validated** in real combat conditions  
— refined through continuous front-line feedback

**Economic effectiveness:** one strike UAV destroys  
targets worth **e** its own cost

**Reliable, repeatable results** —  
including under active EW ( FO variants)

A-G MAN NARO

103 NM 89 DEG

CON 1

IR

185

-2°

-9°

-19°

SEL

LRF

BRT 60dB

HLT ON

L1514 RDY

# TRAINING & ONBOARDING

We train your operators



Individual, hands-on training focused on practical combat use — not just manuals.



Test / sample units provided for evaluation before commitment.



Our team comes to you for joint testing and live trials in your conditions.



Operators reach combat-ready proficiency fast





# SUPPORT, CUSTOMIZATION & PARTNERSHIP

Built around your needs

- 1 Ongoing technical support, spare-parts kits and manufacturer warranty.
- 2 Configurable per contract: day / thermal optics, warhead configuration, frequencies
- 3 We continuously improve based on real field feedback
- 4 Full documentation package - a de-risked, standards-compliant supply.
- 5 Scalable supply — built for volume production



# LET'S Ready to cooperate? ▲ COLLABORATE

We offer joint testing and/or test samples for trials in combat conditions.

**Full documentation** + real feedback · we adapt to your needs · ongoing support.