

LOITERING MUNITION & STRIKE UAS KIT

Gas-Powered Long-Range Strike Platform Training with Supporting Threat Context

SDVOSB

12 PLATFORMS | 4 CLASSES | NON-FLYING SURROGATES

QUOTE VALID 30 DAYS

This kit centers on the gas-powered loitering munition threat — the most capable and operationally significant fixed-wing UAS class in current threat inventories. The large delta-wing platform with 70cc gasoline engine, 10-hour endurance, and 600–1,000 km range represents the category of long-range strike and loitering munition UAS that demands specialized technician knowledge for safe approach, characterization, and defeat. Supporting platforms across three additional classes provide comparative threat context and develop recognition across the electric fixed-wing spectrum. All 12 platforms are static training aids, not configured for flight.

PLATFORM DESCRIPTIONS

1. Large Delta-Wing Gas-Powered Loitering Platform **x1 units**

2,000mm wingspan | 35 kg MTOW | 10 kg payload | 70cc gas | 10 hr endurance | 600–1,000 km range

High-end gasoline-engine delta-wing representing the apex of commercially available loitering munition and long-range strike UAS. Autonomous waypoint navigation, foldable wings, catapult launch. Develops technician proficiency in gas-powered UAS signatures and standoff engagement planning.

THREAT CATEGORY: Long-range strike / Loitering munition

2. Small Dual-Motor Flying Wing **x6 units**

730mm wingspan | Dual-motor | 120+ km/h | ~65 min endurance

Compact, high-speed twin-motor flying wing. EPP foam with carbon fiber and aluminum reinforcement. Represents the proliferating category of small, low-cost fixed-wing UAS used for short-range ISR and one-way attack. Quick-release structure enables rapid field assembly and high concealability during transport.

THREAT CATEGORY: Short-range ISR / OWA

3. Large-Format Flying Wing — Foam Construction **x3 units**

2,122mm wingspan | 1–2 kg payload | 65–70 km/h | 25 min endurance

Full-size delta flying wing for extended-range ISR and payload delivery. Durable expanded polyolefin foam. The most commonly encountered class of medium-endurance fixed-wing UAS in state and non-state actor inventories. Large payload bay with hand or catapult launch.

THREAT CATEGORY: Medium-range ISR / Payload delivery

4. Large-Format Flying Wing — Composite Construction **x2 units**

2,122mm wingspan | GFRP composite | Upgraded durability | 1–2 kg payload

Glass-fiber-reinforced polymer variant of the large flying wing. Represents next-gen fixed-wing airframes migrating from foam to composite for repeated-use ISR and survivability in higher-impact recovery scenarios. Relevant to post-blast analysis and material identification training.

THREAT CATEGORY: Advanced ISR / Composite threat

KIT MANIFEST & PRICING

#	Platform Class	Qty	Unit Price	Extended
1	Large Delta-Wing Gas-Powered Loitering Platform	1	\$17,250	\$17,250
2	Small Dual-Motor Flying Wing	6	\$300	\$1,800
3	Large-Format Flying Wing — Foam Construction	3	\$750	\$2,250
4	Large-Format Flying Wing — Composite Construction	2	\$1,550	\$3,100
		12	TOTAL	\$24,400

WHAT'S INCLUDED

- ✓ 12 fixed-wing UAS airframes across 4 platform classes
- ✓ Receiving, inspection, labeling & consolidated packaging
- ✓ Import compliance, customs clearance & CONUS freight
- ✓ Catapult/launch rail for loitering platform (subject to vendor confirmation)
- ✓ Digital training reference package with platform specs & threat context

NOT INCLUDED (ADD-ONS)

- Batteries, flight controllers, receivers, GCS, antennas (available as fly-ready BOM add-on)
- On-site instructor-led training (available separately)
- OCONUS delivery (quote on request)

TERMS & ADVISORIES

- **Lead Time:** 6–8 weeks PO to CONUS delivery. Multiple items made-to-order (7–16 day production + intl shipping).
- **Tariffs:** Estimated import duties included. If rates change materially before import, IE reserves the right to adjust with notice.
- **Validity:** 30 days from issue. Vendor pricing confirmed at time of order.
- **Payment:** Net 30 from delivery, or as negotiated. Government POs and GSA schedule accepted.

READY TO PROCURE?

Contact Improvised Electronics to finalize your order, customize the kit, or add fly-ready electronics packages.

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