

# URBAN ISR THREAT RECOGNITION KIT

## Autonomous & Hybrid Fixed-Wing Threat Familiarization for Urban Operations

SDVOSB

6 PLATFORMS | 2 CLASSES | NON-FLYING SURROGATES

QUOTE VALID 30 DAYS

This kit provides bomb technicians with a targeted set of non-flying fixed-wing drone surrogates representing the autonomous and hybrid UAS platforms most likely encountered in urban operational environments. The VTOL-capable hybrid fixed-wing platforms demonstrate the emerging class of runway-independent UAS that can launch from confined spaces — rooftops, alleys, vehicle beds — and transition to efficient fixed-wing flight for persistent ISR. Paired with small dual-motor flying wings representing the high-speed OWA threat, this kit builds recognition across the two platform types most relevant to urban C-UAS response. All platforms are static training aids, not configured for flight.

### PLATFORM DESCRIPTIONS

#### 1. VTOL-Capable Hybrid Fixed-Wing **x2 units**

1,200mm wingspan | VTOL transition | Integrated autopilot + GPS | Autonomous capable

Mid-size VTOL fixed-wing with integrated autopilot and GPS navigation. Bridges multirotor and conventional fixed-wing UAS, enabling launch from confined areas without runway or catapult. Representative of operator-independent UAS deployed in contested urban terrain.

THREAT CATEGORY: **Urban ISR / Autonomous ops**

#### 2. Small Dual-Motor Flying Wing **x4 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**

## KIT MANIFEST & PRICING

#	Platform Class	Qty	Unit Price	Extended
1	VTOL-Capable Hybrid Fixed-Wing	2	\$1,850	\$3,700
2	Small Dual-Motor Flying Wing	4	\$300	\$1,200
		<b>6</b>	<b>TOTAL</b>	<b>\$4,900</b>

### WHAT'S INCLUDED

- ✓ 6 fixed-wing UAS airframes across 2 platform classes
- ✓ Receiving, inspection, labeling & consolidated packaging
- ✓ Import compliance, customs clearance & CONUS freight
- ✓ 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.

**Improvised Electronics LLC**  
info@improvisedelectronics.com  
improvisedelectronics.com  
San Diego, CA