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C-UAS Training Systems | Product Data Sheet

VTOL Hybrid Threat Introduction Kit

Vertical-Launch Fixed-Wing Threat Familiarization

\$3,100.00

3 Platforms | 2 Classes | Lead Time: 6-8 Weeks



Overview

This kit introduces bomb technicians to the VTOL-capable hybrid fixed-wing threat class -- platforms that launch vertically from confined spaces and transition to efficient fixed-wing flight. With 3 non-flying drone surrogates spanning the VTOL hybrid and compact OWA categories, this kit addresses the emerging operational reality of runway-independent fixed-wing UAS that can deploy from rooftops, vehicle beds, alleys, or any open patch of ground. All platforms are static training aids, not configured for flight.

Kit Contents

- **VTOL-Capable Hybrid Fixed-Wing (x2)** -- 1,200mm wingspan, quad-motor VTOL array + pusher motor, integrated autopilot + GPS, vertical launch and transition to fixed-wing flight. Threat: Urban ISR / Autonomous operations.
- **Small Dual-Motor Flying Wing (x1)** -- 730mm wingspan, EPP/carbon fiber/aluminum, dual-motor, 120+ km/h capable. Threat: Short-range ISR / OWA.

Training Focus

- VTOL motor array identification and transition mechanism recognition
- Autopilot and GPS module location and characterization
- Launch-site indicator assessment (no runway = wider threat envelope)
- Comparison: conventional fixed-wing vs VTOL hybrid configuration

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What's Included

- 3 fixed-wing UAS airframes across 2 platform classes
- Receiving, inspection, labeling and consolidated packaging
- Import compliance, customs clearance and CONUS freight
- Digital training reference package with platform specs and threat context

Ordering Information

Lead Time: 6-8 weeks from purchase order to CONUS delivery.

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About Improvised Electronics

Improvised Electronics LLC builds realistic, functional training systems for public safety bomb technicians and military EOD professionals. Our C-UAS Training Kits provide non-flying drone surrogates that give technicians hands-on experience with the airframe types, construction materials, and configurations they will encounter in the field.