Black Passport Brief

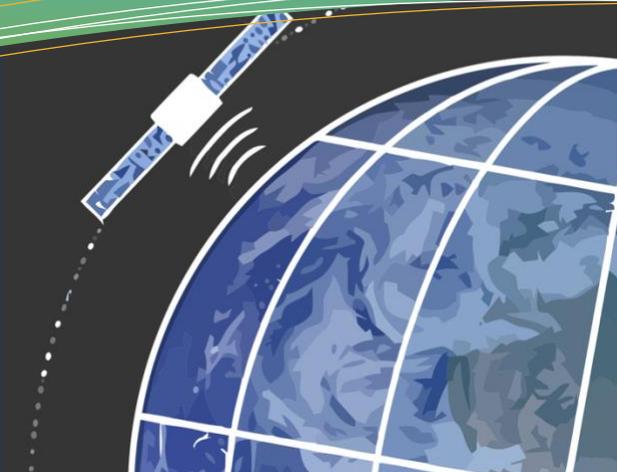Think Faster. Decide Smarter.

Decision Advantage

The ability to act before adverseries adapt. In environments where concealment is deliberate, speed and confidence in analytic judgment determine operational outcomes.

Decision Under Concealment

Clandestine infrastructure reveals itself through subtle, engineered indicators designed to evade detection.

Temporal Change Analysis

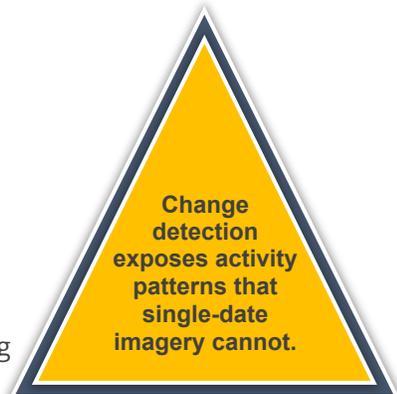Time-series imagery exposes construction and maintenance patterns hidden beneath dense canopy.

The future of interdiction belongs to those who can see what's meant to disappear.

Seeing through a canopy

Static imagery is rarely sufficient. A strip that did not exist twelve months ago may show a measurable vegetation delta, followed by Normalized Difference Vegetation Index (NDVI) shifts as traffickers actively maintain the site. Long window time series analysis remains one of the most reliable methods for identifying new construction beneath dense canopy.

Change detection exposes activity patterns that single-date imagery cannot.

Our analysts work across multiple sensing modalities:

o *Electro-optical imagery* to confirm runway geometry, surface type, and associated structures

o *Synthetic aperture radar (SAR)* to penetrate cloud cover and detect tire compression, drainage systems, and subsurface disturbance

o *Thermal and contextual cues* to identify operational signatures even when visual confirmation is limited

These signals often reveal airfield activity long before a strip becomes visually obvious.

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Multi-Source Sensing

No single sensor tells the full story. Combining optical, radar, and contextual signals allows analysts to see through cloud cover, terrain, and deliberate masking to confirm engineered activity.

Structured Confidence

Defensible scoring ensures analytic judgments are consistent, transparent, and mission-ready.

Operational Relevance

Analysis is built to meet real interdiction timelines and actionable certainty thresholds.

Let's Talk!

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Blending Tradecraft with Technology

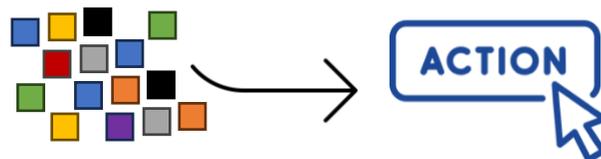At Black Passport Group, detecting hidden airstrips is a core analytic discipline.

We combine imagery tradecraft with advanced sensing technologies to identify runways that are deliberately engineered to avoid discovery. We analyze:

- o Linear canopy breaks
- o Drainage and grading patterns
- o Soil compression and surface scarring
- o Outbuilding construction & POL staging
- o Ingress and egress routes
- o Multi-strip redundancy common to narco-aviation networks

These indicators allow us to separate natural clearings from engineered runways with speed and confidence.

Structured Assesment, Not Guesswork

Detection alone is not enough. Each suspected site is evaluated using a proprietary, defensible scoring framework that assesses *runway geometry and orientation, environmental suitability, evidence of operational use, aviation access routes, SIGINT and OSINT correlation, and historic trafficking organization behavior.*

From Imagery to Actionable Intelligence

Our deliverable is not just an image. It is a tactical airstrip dossier that support interdiction planning, partner-nation operations, and persistent monitoring across the region.

Why Experience Still Wins.

Clandestine airfields are designed to disappear. We ensure they don't.

Black Passport Group's leadership includes former federal agents, counternarcotics analysts, and academic professionals who teach these techniques at the university level. We understand the tempo of interdiction operations and the level of confidence required for a site to be considered actionable.