

USE CASE 03

Aerospace & Defense

How defense and aerospace organizations use AirIndex to track AAM market formation, align product development with infrastructure readiness, and monitor federal program activity.

Aerospace and defense organizations tracking the AAM sector need structured intelligence on where the market is forming, where federal programs are concentrating, and where infrastructure investment is de-risked by regulatory frameworks. AirIndex provides the market readiness layer that connects operator deployment signals, legislative activity, federal program participation, and infrastructure status into a single continuously updated intelligence feed.

THE PROBLEM

A systems engineering team at an aerospace and defense organization is tracking where AAM infrastructure is forming before making product positioning decisions. The questions they're asking: which US markets have the regulatory framework and operator activity to support near-term commercial operations? Which federal programs — eIPP, RAISE, SBIR — are concentrating investment in specific markets? Where should we be focused in the next 18 months before consensus forms? Trade press covers announcements. AirIndex covers the underlying signal.

WHAT AIRINDEX PROVIDES

21	1,900+	10	5
Markets tracked Daily signal ingestion	Regulatory documents Classified + sourced	Federal programs tracked eIPP, RAISE, SBIR + more	Operator presence tracked Joby, Archer, Wisk, Blade, Beta

How the engagement works

Step	Who	What happens	Output
1	AirIndex	Continuously ingests regulatory filings, legislative records, operator announcements, and federal program activity across all 21 markets. Classifies each signal against seven scoring factors. Updates scores daily.	Live market readiness scores
2	AirIndex	Federal Program Intelligence Store (FPIS) tracks which markets are eligible for or participating in 10 active federal AAM programs. Shows where federal investment is flowing before it becomes public knowledge.	Federal program alignment map
3	AirIndex	Operator Intelligence Database tracks Joby, Archer, Wisk, Blade, and Beta Technologies across all tracked markets. Operator market entry is the single strongest leading indicator of near-term infrastructure demand.	Operator deployment tracker

4 Organization	Uses AirIndex market scores and federal program data to identify the 5–10 markets where AAM infrastructure will concentrate in the next 18 months. Aligns product development, business development, and government affairs resources accordingly.	18-month market positioning
5 AirIndex	Score change alerts notify when a market crosses a tier threshold, when new legislation passes, or when a federal program selects a market. Intelligence arrives before it is priced into the market.	Early signal alerts

THE INTELLIGENCE STACK — WHAT MAKES THIS DEFENSIBLE

Layer	What it tracks	Why it matters for A&D;
Market readiness scores	7-factor composite score across 21 US markets. Updated daily. Traceable to primary sources with methodology published.	Identifies where commercial infrastructure will develop first — and where it will stall.
Regulatory pipeline	1,900+ classified documents: federal filings, state legislation, FAA program activity, operator announcements. Self-updating daily pipeline.	Detects regulatory momentum 6–18 months before it reaches mainstream awareness.
Federal program intelligence	10 active programs tracked: eIPP (8 projects, 26 states), RAISE grants, DOT SBIR, AFWERX, and others. Market-level eligibility and participation status.	Shows where federal capital is flowing before project announcements.
Operator deployment tracking	5 major eVTOL operators tracked across all 21 markets. Market entry announcements, partnership activity, route planning signals.	Operator commitment is the strongest leading indicator of near-term infrastructure demand.
Weather infrastructure layer	WTH factor scoring tied to USDOT National Strategy Recommendation 2.8 — weather as one of four AAM infrastructure pillars. TruWeather Solutions integration in progress.	No market scores 100 under v1.3 — every market has a weather infrastructure gap. Closest to closing = most viable.

HOW TO ENGAGE

Enterprise Intelligence Subscription	Authenticated platform access across all 21 markets. Live scores, factor breakdowns, federal program alignment, operator tracking, score change alerts, and API access for embedding AirIndex data into internal workflows.	Discovery call—then scoped
Custom market briefing	Scoped intelligence package focused on a specific market set, corridor, or federal program intersection. Delivered as a structured report with primary source citations.	Per engagement

Contact sales@airindex.io to discuss an enterprise intelligence engagement. Full methodology and scoring model published at airindex.io/methodology.