



UAM Geomatics, Inc.
A NEXA Capital Company



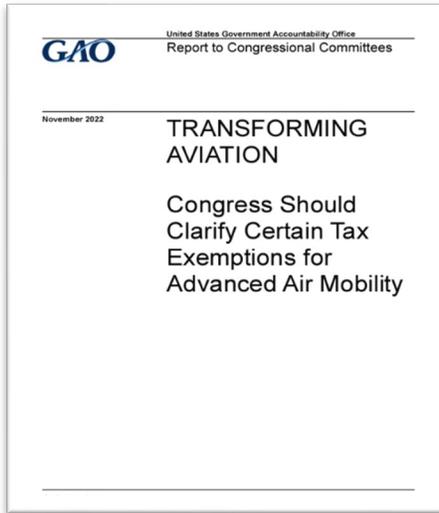
**The World's Most Respected AAM
Forecasts**

URBAN AIR MOBILITY – INFRASTRUCTURE AND GLOBAL MARKETS

DETAILED AND ACTIONABLE FORECASTS AND ARCGIS DATABASES FOR 89 METROPOLITAN AREAS: 2023 – 2045

MARKET INTELLIGENCE AND ANALYSIS FOR OEMs, UATM AND VERTIPORT DEVELOPERS, AAM & CARGO OPERATORS, CITIES, TRANSPORTATION PLANNERS, REGIONAL AND FEDERAL GOVERNMENTS, AND INVESTORS

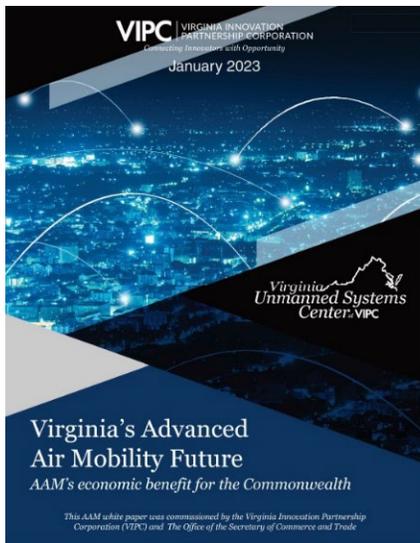
Our Clients Include:



The Government Accountability Office

Used our data in their 2023 AAM Report to the US Congress

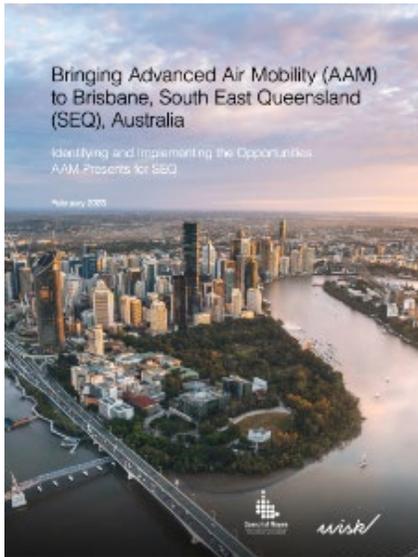
<https://www.gao.gov/products/gao-23-105188>



The Commonwealth of Virginia

Commissioned us to prepare a statewide AAM analysis including economic impact.

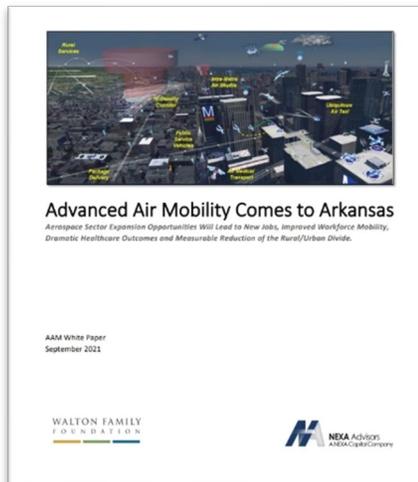
<https://www.virginiaipc.org/unmanned>



Wisk Air Mobility

Our economic impact forecasts for South East Queensland, Australia begin on page 18:

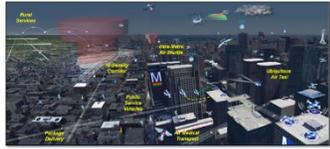
<https://wisk.aero/news/press-release/advanced-air-mobility-presents-opportunity-to-bring-economic-social-and-environmental-benefits-to-south-east-queensland/>



NASA

Hired us to provide ArcGIS interactive maps of all ten NASA labs and facilities.

www.nexa-uam.com



Advanced Air Mobility Comes to Arkansas

Aerospace Sector Expansion Opportunities Will Lead to New Jobs, Improved Workforce Mobility, Dramatic Healthcare Outcomes and Measurable Reduction of the Rural/Urban Divide.

AAM White Paper
June 2021

WALTON FAMILY
FOUNDATION



Arkansas

The Walton Family Foundation asked us to create a statewide economic impact analysis and examination of AAM use cases most helpful to a rural state.

www.nexa-uam.com

Infrastructure to Support Advanced Autonomous Aircraft Technologies in Ohio



Prepared by:
Dr. Rubén Del Rosario¹

Prepared for:
The Ohio Department of Transportation,
Office of Statewide Planning & Research

Project ID Number: 111453
June 2021
Final Report

CROWN
AIR MOBILITY ADVISORS

NEXA Capital Partners, LLC
NEXA Capital powers the industry

UNIVERSITY OF
CINCINNATI



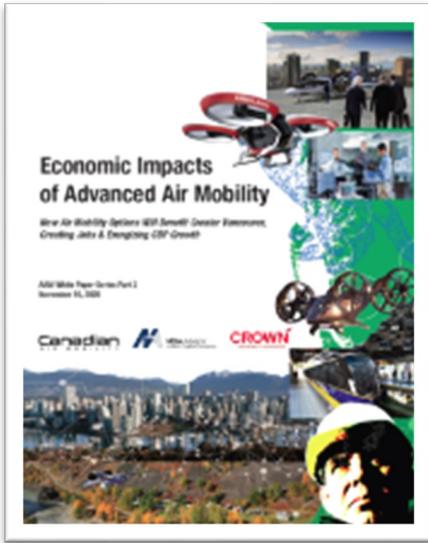
U.S. Department of Transportation
Federal Highway Administration

¹ Contributing Authors:
Crown: Tom Davis, Dr. Tainia Lamen, Ben Herman, Basil Tao, Chris Fernando
UC: Dr. Kelly Cohen, Bryan Kowalczyk, Dr. Dan Cappodice
NEXA: Michael Symons, Phillip Symons, Chase Lortie

Ohio

We created a statewide AAM economic impact analysis for the Ohio Department of Transportation for passenger and cargo use cases. We worked in partnership with Crown Consulting.

<https://nexacapital.com/reports-and-commentary>



The Canadian Advanced Air Mobility Consortium

We analyzed AAM's economic impact on the Vancouver region.

<https://nexacapital.com/reports-and-commentary>

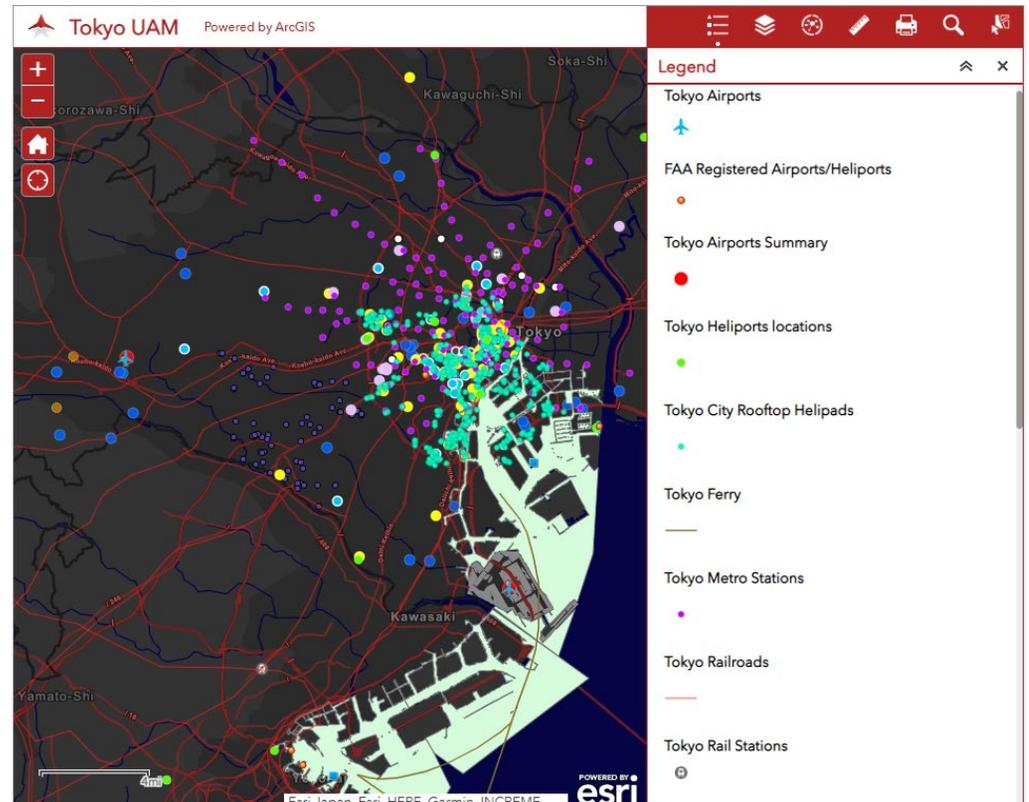
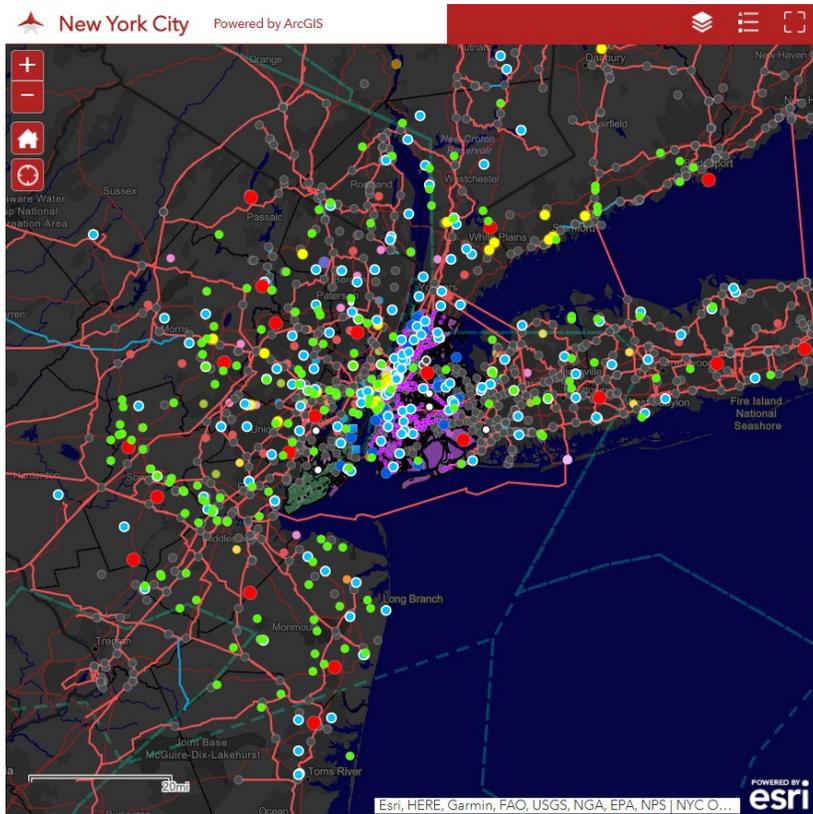
The Kingdom of Saudi Arabia



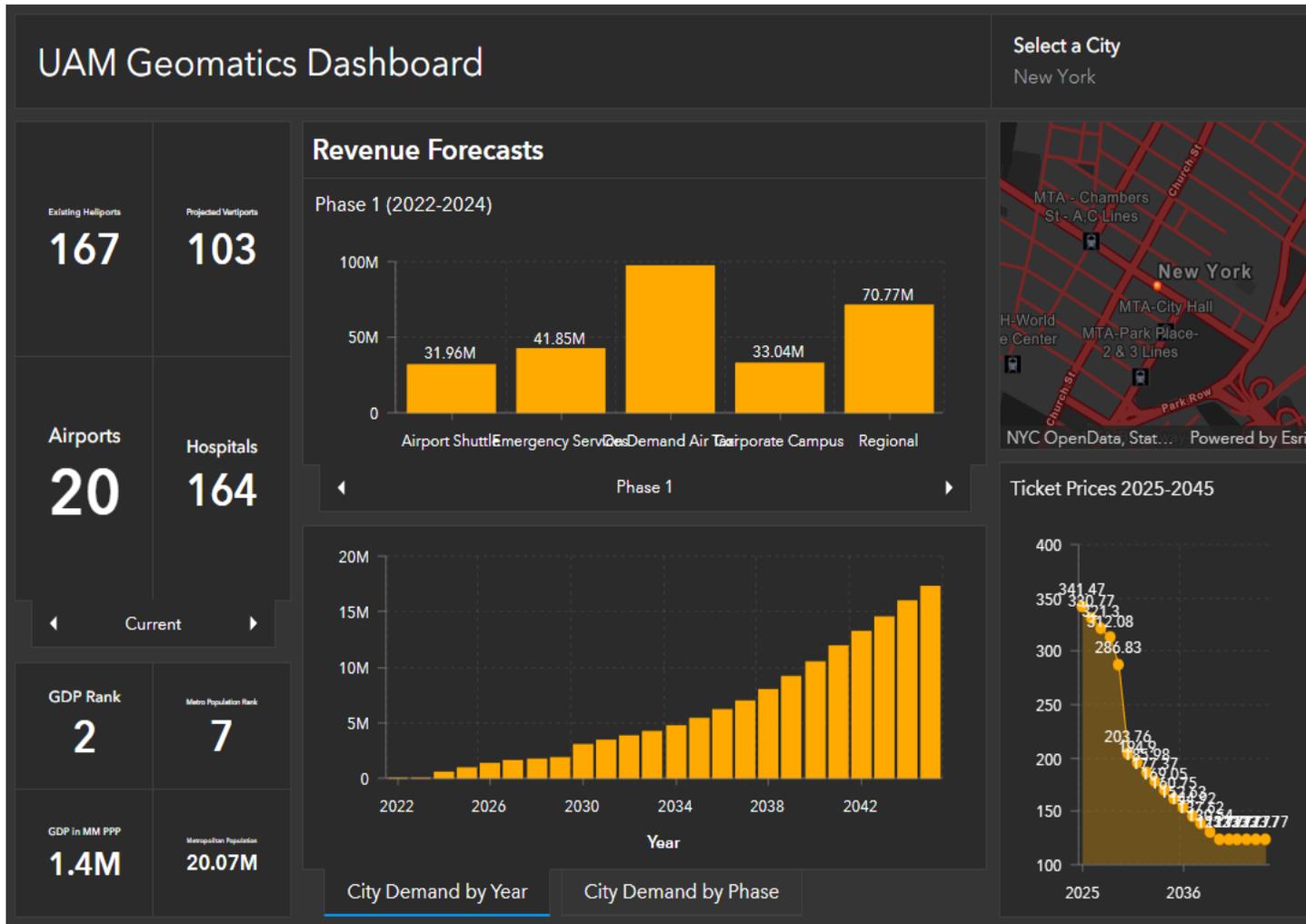
We are currently working with prime contractor ATKearney to advise the Kingdom and its regulator GACA on plans to implement AAM throughout the nation by 2030.

Each City's First Step in Introducing Advanced Air Mobility? Mapping.

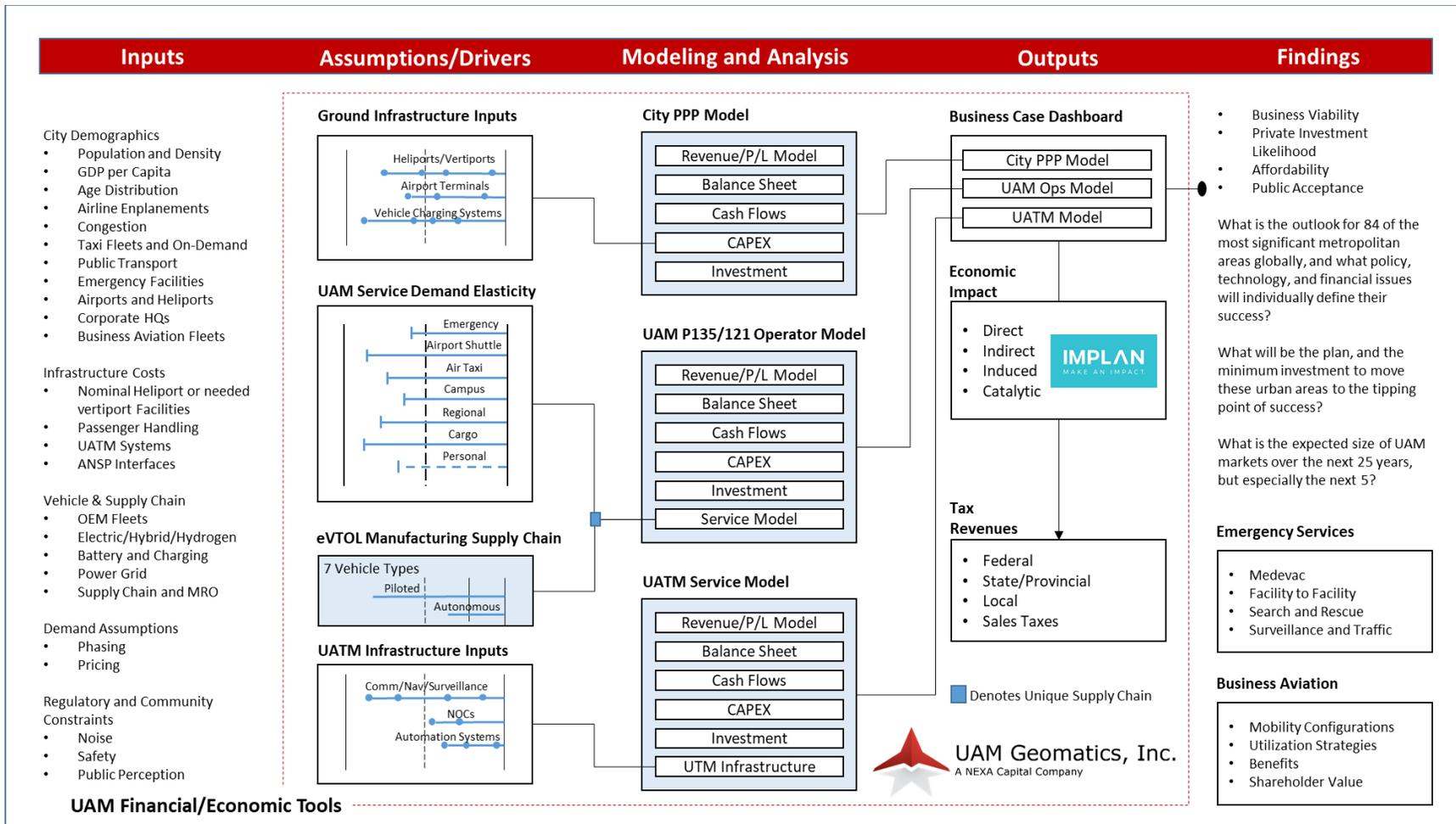
Urban Air Mobility: Infrastructure and Global Markets provides interactive ArcGIS maps with more than 30 data layers including airports, heliports, hospitals, existing transportation modes, zoning, demographics, current power grid and substations, ports, major event venues, and much more.



Our interactive dashboard provides AAM forecasts:



- Cumulative UAM Passenger Demand Growth Analysis of each city from 2023 to 2045
- Ticket Prices
- Analysis of City Readiness vs. 23-Year Projected Passenger Revenues
- Cumulative UAM Revenues, Market by Market Analysis for **On Demand Air Taxi, Regional, Business Aviation, Emergency, and Airport Shuttle**
- Vertiport buildout timeline
- Total operator revenues
- Total infrastructure costs
- Total UAM traffic management costs
- Total estimated aircraft and fleet costs
- Business aviation presence
- Airport Originating and Departing Traffic



Our assumptions for modeling and analysis.

Our Global AAM Cities are:

Abu Dhabi	Amsterdam	Arkansas	Atlanta	Baltimore	Bangkok	Barcelona	Berlin	Bogota
Boston	Brisbane	Brussels	Buenos Aires	Charlotte	Chicago	Dallas	Denver	Detroit
Dubai	Geneva	Hamburg	Hong Kong	Houston	Istanbul	Jakarta	Kuala Lumpur	Las Vegas
Lima	London	Los Angeles	Madrid	Manila	Melbourne	Mexico City	Miami	Milan
Minneapolis	Montreal	Moscow	Mumbai	Munich	Nagoya	NASA Facilities	Nashville	New York City
Ohio	Oklahoma	Osaka	Paris	Philadelphia	Phoenix	Plovdiv	Portland	Raleigh, NC
Reno	Rhine-Ruhr	Rio de Janeiro	Riyadh	Rome	San Diego	San Francisco	San Jose	Santiago
Sao Paulo	Seattle	Seoul	Singapore	Sydney	Syracuse, NY	Taipei	Tampa	Tel Aviv
Tokyo	Toronto	Toulouse	Utah	Vancouver	Vienna	Virginia	Washington, DC	Wichita, KS



If your company is interested in obtaining our data for a city not on the above list, please contact us.

What is the **HOTTEST** topic in AAM right now?

Jobs, Jobs, and Jobs.

The AAM technology has arrived. Now the industry needs legislative support and public acceptance.

For this reason, around the world, states, provinces, cities and OEMs are commissioning AAM Economic Impact Analyses.



Utilizing the data from our study, we are able to forecast a region's new jobs, tax revenues, and overall economic productivity (direct, indirect, and induced) through 2045.

Ohio



\$2.5 Billion
Tax
Revenue

15000
Jobs

\$13 Billion
Increased
GDP

Virginia



\$2.8 Billion
Tax Revenue

17000
Jobs

\$16 Billion
Increased GDP

Vancouver



\$167 Million
Tax Revenue

17000
Jobs

\$2.17 Billion
Increased
GDP

Arkansas



\$629 Million
Tax Revenue

4000
Jobs

\$3.6 Billion
Increased
GDP

Our AAM Economic Impact Analyses for three US States and Vancouver have forecasted billions in increased GDP.

Below is a more detailed view of our work for the Commonwealth of Virginia.

Virginia AAM Business
Case EcoSystem
2022-2045 (\$US)

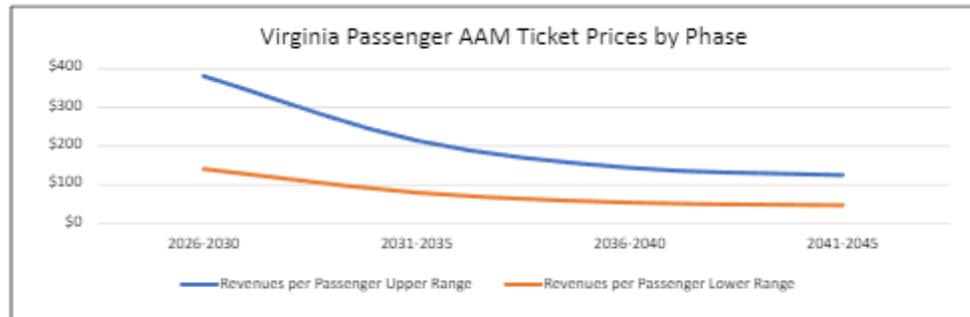


	Year	2023-2025	2026-2030	2031-2035	2036-2040	2041-2045	SUM	Pillar Totals
Demand (Passengers)		Nascent	2,287,000	5,978,000	19,253,000	38,607,000	66,125,000	
Ground Infrastructure	Ground Infrastructure OPEX	\$25,890,000	\$69,200,000	\$119,470,000	\$180,600,000	\$195,490,000	\$590,650,000	\$899,230,000
	Ground Infrastructure CAPEX	\$68,500,000	\$68,910,000	\$87,020,000	\$24,810,000	\$59,340,000	\$308,580,000	
RTM/UATM	RTM/UATM Cost OPEX	\$1,100,000	\$12,051,000	\$31,703,000	\$76,725,000	\$121,929,000	\$243,508,000	\$416,916,000
	RTM/UATM Cost CAPEX	\$20,353,000	\$59,603,000	\$30,529,000	\$34,890,000	\$28,033,000	\$173,408,000	
UAM Operators	Passenger Revenues	Nascent	\$508,099,000	\$744,083,000	\$1,603,109,000	\$2,783,255,000	\$5,638,546,000	\$8,601,009,000
	MedEvac Revenues	Nascent	\$226,263,000	\$348,794,000	\$631,595,000	\$555,910,000	\$1,762,562,000	
	Cargo Revenues	Nascent	\$99,162,000	\$170,516,000	\$321,889,000	\$608,334,000	\$1,199,901,000	
Vehicles	Vehicle Manufacturing	Nascent	\$613,022,000	\$1,052,997,000	\$1,487,250,000	\$1,725,403,000	\$4,878,672,000	\$6,511,523,000
	Vehicle Purchases	\$58,800,000	\$277,440,000	\$280,755,000	\$454,411,000	\$561,445,000	\$1,632,851,000	
Virginia Grand Total		\$174,643,000	\$1,933,750,000	\$2,865,867,000	\$4,815,279,000	\$6,639,139,000	\$16,428,678,000	\$16,428,678,000

Note: Nascent Not Meaningful

R/I	6.53
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Average eVTOL/eSTOL Passengers per Day	N/M	1,253	3,276	8,791	21,155	
Percent of Airline Passengers for Four Largest VA Airports	N/M	0.8%	1.9%	4.8%	10.8%	
Revenues per Passenger	Upper Range	N/M	\$377.69	\$211.60	\$141.55	\$122.56
	Lower Range	N/M	\$138.43	\$77.55	\$51.88	\$44.92



If your company is interested in an AAM economic impact analysis for a particular city or state, please contact us.

Subscription Agreement

Please submit this page and the following page to Eleanor.Herman@nexa-uam.com as a pdf or jpg.

Full Subscriber Information:

Please enter the company below as a Subscriber. The Subscriber agrees to abide by the terms and condition of the UAM Geomatics, Inc. Urban Air Mobility Data and Services Limited License, attached hereto.

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Price List

Package	Description	UAM Geomatics Final	UAM Geomatics Web Portal	Cities Profiled	City to City Benchmarking	Web App Map(s)	ArcGIS Geo-Coded Map(s)	Supply Chain Data Sets	High Resolution Airport ArcGIS Maps	City P135 Operators	One-Time Fee (\$US)
1	Full Subscription - UAM Geomatics Economics Data and Toolset	Yes	Yes	89	Yes	Yes 89	Yes 89	Yes	Yes	Yes	\$24,995.00
3	Regular Updates for 60 Months										Included in (1) Full Subscription.
4	Economic Impact Studies of Selected Metro Areas or Regions	Yes	Yes	84	Yes	Yes 89	Yes 89	Yes	Yes	Yes	Please contact us.

**Pricing subject to change without notice. For up-to-date pricing please contact a representative.*

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Subscriber Company Name: _____

Confidentiality: We wish to have our company identity kept confidential as a subscriber to the UAM study.

Wiring	United Bank	Credit to: UAM Geomatics, Inc.
Instructions	1320 Old Chain Bridge Rd.	Account #: 0087556391
	McLean, VA 22101	ABA Routing #: 056004445
	+1 (703) 356-2265	For non-US originating wires: //FW056004445

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For Further Information please contact:

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